

REQUEST FOR BIDS (RFB)

The Project Coordination Unit, Uttar Pradesh Diversified Agriculture Project (UPDASP), invites bids from eligible bidders for the following details of two separate bids under the World Bank funded UP-AGREES Project (Project ID: P178253):

Bid Numbers 1:

Office Refurbishment of State Project Management Unit of UP-AGREES Project at Kisan Mandi Bhavan, Vibhuti Khand, Gomti Nagar, Lucknow. Reference **No.:** IN-UPDASP-539357-CW-RFB

Bid Number 2:

Design, Development, Deployment & Maintenance of Project-Specific MIS and Website for UP-AGREES **Reference No.:** IN-UPDASP-534583-NC-RFB

Interested bidders may download the bidding documents free of cost from: <https://updasp.co.in> or <https://etender.up.nic.in> Bids must be submitted online only at :<https://etender.up.nic.in>

Submission Deadlines:

Bid number -1 Office Refurbishment: April 20, 2026 (up to 5:00 PM)	Bid number- 2 MIS Development: April 27, 2026 (up to 5:00 PM)
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For inquiries, please contact us at 0522 2720718 or updasp12@gmail.com. Detailed terms and conditions are available in the Bid Documents on the mentioned platform.

Project Director / Project Coordinator

UPDASP

Request for Bid

**For the Office Refurbishment for State Project Management Unit of UP-AGREES at
Kisan Mandi Bhavan Lucknow**

RFB No: IN-UPDASP-539357-CW-RFB

NATIONAL OPEN COMPETITIVE PROCUREMENT

(Two-Envelope Bidding Process with e-Procurement and without Rated Criteria)

(FOR LUMPSUM/ ADMEASUREMENT CONTRACTS IN CIVIL WORKS)

NAME OF WORK : **For the Office Refurbishment for State Project
Management Unit of UP-AGREES at Kisan Mandi Bhavan Lucknow**

PERIOD OF SALE OF BIDDING DOCUMENT	FROM 20 .03.2026 TO 20.04.2026
TIME AND DATE OF PRE-BID MEETING	DATE 01.04.2026 TIME 11.30 HOURS
LAST DATE AND TIME FOR RECEIPT OF BIDS	DATE 20.04.2026 TIME 17.00 HOURS
TIME AND DATE OF OPENING BIDS – Technical Part	DATE 20.04.2026 TIME 17.30 HOURS
PLACE OF OPENING OF BIDS	Project Coordinator, Project Coordination Unit, Uttar Pradesh Diversified Agriculture Support Project, 4th floor PICUP Bhawan Lucknow-226010 E-mail : updasp12@gmail.com Web site : http:// : www.updasp.co.in
OFFICER INVITING BIDS	Project Coordinator, Uttar Pradesh Diversified Agriculture Support Project

REQUEST FOR BIDS

(RFB)

**PROJECT COORDINATION UNIT, UTTAR PRADESH DIVERSIFIED AGRICULTURE
SUPPORT PROJECT GOVERNMENT OF UTTAR PRADESH**

Request for Bids

E-Procurement Notice

NATIONAL OPEN COMPETITIVE PROCUREMENT

Employer: Project Coordination Unit, Uttar Pradesh Diversified Agriculture Support Project

Project: Uttar Pradesh Agriculture Growth and Rural Enterprise Ecosystem Strengthening Project (UP-AGREES)

Contract title: Office Refurbishment of State Project Management Unit for UP-AGREES Project at Kisan Mandi Bhavan, Vibhuti Khand, Gomti Nagar Lucknow

Loan No. IBRD- 97570

RFB No: IN-UPDASP-539357-CW-RFB

Issued on: 20.03.2026

1. The Government of India has received for financing from the World Bank toward the cost of Uttar Pradesh Agriculture Growth and Rural Enterprise Ecosystem Strengthening Project and intends to apply part of the proceeds toward payments under the contract for Office Refurbishment for State Project Management Unit for UP-AGREES Project located at Kisan Mandi Bhavan Vibhuti Khand Lucknow

2. The Project Coordination Unit, Uttar Pradesh Diversified Agriculture Support Project, now invites online bids from eligible bidders for the Office Refurbishment of State Project Management Unit for UP-AGREES Project located at Kisan Mandi Bhavan Vibhuti Khand Lucknow. The office refurbishment duration is time-bound within 75 days at the Kisan Mandi Bhavan Vibhuti Khand Lucknow. Office Refurbishment for State Project Management Unit of UP-AGREES – The scope of work includes Civil & Toilet Works, Interior Work, Electrical Work, Furniture Work, Fire Alarm Work, VRV Air Conditioning Work, IP Telephony Works, CCTV Works, Networking & WiFi Works, Automation Works, Video Conferencing Works, PA System Works, and Display Works.

Works	Bid Security	Cost of document	Contract period	Site Address
Office Refurbishment	Rs 125000.00	Free of cost	3 Months	8th Floor, Mandi Bhawan, Ashok Marg, Lucknow, Uttar Pradesh.

3. Bidding will be conducted through national open competitive procurement using a Request for Bids (RFB) as specified in the World Bank’s “Procurement Regulations for IPF Borrowers - July 2016, Vth Edition February 2023” (“Procurement Regulations”) and is open to all eligible Bidders as defined in the Procurement Regulations. Bidders from India should, however, be registered with the Indian Regulation or other State Governments/ Government of India, or State/ Central Government Undertakings.

4. Interested eligible Bidders may obtain **further information from Project Coordination Unit Uttar Pradesh Diversified Agriculture Project office at phone no. 0522 or through clarifications over email- updasp12@gmail.com** during office hours *i.e.* 1000 to 1700 hours at the address given below and download the bidding document from e-procurement system <https://etender.up.nic.in> at the address given below or download the bidding document from e-procurement system <https://etender.up.nic.in>.
5. The bidding document in English is available online on e-procurement system from 20th **March 2026 to 20th April, 2026** at free of cost. The bidders would be responsible for ensuring that any addenda available on the website is also downloaded and incorporated.
6. For submission of the bid, the bidder is required to have Digital Signature Certificate (DSC) in the name of the person duly authorized to sign on behalf of the Bidder from one of the Certifying Authorities authorised by Government of India for issuing DSC with their profile. It is mandatory for the bidder to register their firm with e-procurement system and obtain user ID and password for participating in e-procurement in this Project.
7. Bids comprise two Parts, namely the Technical Part and the Financial Part, and both parts must be submitted online on the e-procurement system on or **before 17.00 hours on 20th April, 2026** and the “TECHNICAL PART” of the bids will be publicly opened online on **20th April, 2026 at 17.30 hours**, in the presence of the Bidders’ designated representatives who choose to attend. The “FINANCIAL PART” shall remain unopened in the e-procurement system until the second public Bid opening for the financial part. Any bid or modifications to bid (including discount) received outside e-procurement system will not be considered. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened on the next working day at the same time and venue. The electronic procurement system would not allow any late submission of bids.
8. All Bids must be accompanied by a **Bid Security of amount Rs. 1,25,000/-, drawn** in favour of the PCU, Uttar Pradesh Diversified Agriculture Project. Bid security will have to be in any one of the forms as specified in the bidding document and shall have to be valid for 45 days beyond the validity of the bid.
9. The bidders are required to submit **original bid security in approved form**; and original affidavit regarding correctness of information furnished with bid document with *Project Director PCU UPDASP* before the bid submission deadline, either by registered post/speed post/courier or by hand, failing which the bids will be declared non-responsive and will not be opened.
10. A pre-bid meeting will be held **on 01st April, 2026 at 11.30 hours** at the office of **UPDASP** to clarify the issues and to answer questions on any matter that may be raised at that stage as stated in ITB Clause 7 of ‘Instructions to Bidders’ of the bidding document. Bidders are advised to download the bidding document prior to the pre-bid meeting in order for bidders to have a good understanding of the scope of services under the contract(s) for discussion and clarification at the pre-bid meeting.
11. Other details can be seen in the bidding document. The Employer shall not be held liable for any delays due to system failure beyond its control. Even though the system will

attempt to notify the bidders of any bid updates, the Employer shall not be liable for any information not received by the bidder. It is the bidders' responsibility to verify the website for the latest information related to this bid.

12. The address(es) referred to above is (are): [insert detailed address(es)]

Project Director, UP-AGREES Project

Project Coordination Unit, Uttar Pradesh Diversified Agriculture Support Project

4th floor PICUP Bhawan Lucknow-226010

Contact Number : 0522 2721258

Email : updasp12@gmail.com

Website : www.updasp.org

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PART 1 – Bidding Procedures

Section I - Instructions to Bidders

A. General	
1. Scope of Bid	<p>1.1 In connection with the Specific Procurement Notice - Request for Bids (RFB), specified in the Bid Data Sheet (BDS), the Employer, as specified in the BDS, issues this bidding document for the provision of Works as specified in Section VII, Works' Requirements. The name, identification and number of lots (contracts) of this RFB are specified in the BDS.</p>
	<p>1.2 Throughout this bidding document:</p> <ul style="list-style-type: none"> (a) the term "in writing" means communicated in written form (e.g., by mail, e-mail, and fax, including if specified in the BDS, distributed or received through the electronic-procurement system used by the Employer) with proof of receipt; (b) if the context so requires, "singular" means "plural" and vice versa; (c) "Day" means calendar day, unless otherwise specified as "Business Day". A Business Day is any day that is a working day of the Borrower. It excludes the Borrower's official public holidays; (d) "ES" means environmental and social (including Sexual Exploitation, and Abuse (SEA), and Sexual Harassment (SH)); (e) "Sexual Exploitation and Abuse" "(SEA)" means the following: <ul style="list-style-type: none"> (i) "Sexual Exploitation" is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another. (ii) "Sexual Abuse" is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions; (f) "Sexual Harassment" "(SH)" is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or

	<p>physical conduct of a sexual nature by the Contractor's Personnel with other Contractor's or Employer's Personnel;</p> <p>(g) “Contractor's Personnel” is as defined in Sub-Clause 1 (ii) of the General Conditions of Contract; and</p> <p>(h) “Employer's personnel” is as defined in GCC Sub-Clause 1 (nn) of the General Conditions of Contract.</p> <p>A non-exhaustive list of (i) behaviors which constitute SEA and (ii) behaviors which constitute SH is attached to the Code of Conduct form in Section IV.</p>
<p>2. Source of Funds</p>	<p>2.1 The Borrower or Recipient (hereinafter called “Borrower”) specified in the BDS has received or has applied for financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount specified in the BDS, toward the project named in the BDS. The Borrower intends to apply a portion of the funds to eligible payments under the contract(s) for which this bidding document is issued.</p>
	<p>2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank, and will be subject, in all respects, to the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the loan account for the purpose of any payment to persons or entities, or for any import of goods, equipment, plant, or materials, if such payment or import is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the proceeds of the Loan (or other financing).</p>
<p>3. Fraud and Corruption</p>	<p>3.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section VI.</p> <p>3.2 In further pursuance of this policy, bidders shall permit and shall cause their agents (where declared or not), subcontractors, sub-consultants, service providers, suppliers, and personnel, to permit the Bank to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, bid submission, proposal submission, and contract performance</p>

	(in the case of award), and to have them audited by auditors appointed by the Bank.
4. Eligible Bidders	<p>4.1 A Bidder may be a firm that is a private entity, or a state-owned enterprise or institution subject to ITB 4.6, or any combination of them in the form of a joint venture (JV), under an existing agreement, or with the intent to enter into such an agreement supported by a letter of intent, unless otherwise specified in the BDS. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Bidding process and, in the event the JV is awarded the Contract, during contract execution. This authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all members. Unless specified in the BDS, there is no limit on the number of members in a JV. The joint venture agreement shall be registered in the place specified in BDS so as to be legally valid and binding on members.</p>
	<p>4.2 A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:</p> <ul style="list-style-type: none"> (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or (b) receives or has received any direct or indirect subsidy from another Bidder; or (c) has the same legal representative as another Bidder; or (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the decisions of the Employer regarding this bidding process; or (e) any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the Bid; or (f) any of its affiliates has been hired (or is proposed to be hired) by the Employer or Borrower as Project Manager (Engineer) for the Contract implementation;

	<p>(g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or</p> <p>(h) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding document or specifications of the contract, and/or the Bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the procurement process and execution of the contract.</p>
	<p>4.3 A firm that is a Bidder (either individually or as a JV member) shall not participate in more than one Bid, except for permitted alternative Bids. This includes participation as a Subcontractor in other Bids. Such participation shall result in the disqualification of all Bids in which the firm is involved. A firm that is not a Bidder or a JV member may participate as a subcontractor in more than one Bid.</p>
	<p>4.4 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.8. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub-consultants for any part of the Contract including related Services.</p>
	<p>4.5 A Bidder that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in Section VI paragraph 2.2 d., shall be ineligible to be prequalified for, initially selected for, bid for, propose for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have</p>

	determined. The list of debarred firms and individuals is available at the electronic address specified in the BDS .
	4.6 Bidders that are state-owned enterprises or institutions in the Employer's Country may be eligible to compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of the Employer.
	4.7 A Bidder shall not be under suspension from Bidding by the Employer as the result of the operation of a Bid-Securing or Proposal-Securing Declaration.
	4.8 Firms and individuals may be ineligible if so indicated in Section V and (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country. When the Works are implemented across jurisdictional boundaries (and more than one country is a Borrower, and is involved in the procurement), then exclusion of a firm or individual on the basis of ITB 4.8 (a) above by any country may be applied to that procurement across other countries involved, if the Bank and the Borrowers involved in the procurement agree. 4.9 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Employer, as the Employer shall reasonably request.
5. Eligible Materials, Equipment and Services	5.1 The materials, equipment and services to be supplied under the Contract and financed by the Bank may have their origin in any country subject to the restrictions specified in Section V, Eligible Countries, and all expenditures under the Contract will not contravene such restrictions. At the Employer's request, Bidders may be required to provide evidence of the origin of materials, equipment and services.
B. Contents of Bidding Document	

<p>6. Sections of Bidding Document</p>	<p>6.1 The bidding document consists of Parts 1, 2, and 3, which include all the sections specified below, and which should be read in conjunction with any Addenda issued in accordance with ITB 8.</p> <p>PART 1 Bidding Procedures</p> <ul style="list-style-type: none"> • Section I - Instructions to Bidders (ITB) • Section II - Bid Data Sheet (BDS) • Section III - Evaluation and Qualification Criteria • Section IV - Bidding Forms • Section V - Eligible Countries • Section VI - Fraud and Corruption <p>PART 2 Works' Requirements</p> <ul style="list-style-type: none"> • Section VII - Works' Requirements <p>PART 3 Conditions of Contract and Contract Forms</p> <ul style="list-style-type: none"> • Section VIII - General Conditions of Contract (GCC) • Section IX - Particular Conditions of Contract (PCC) • Section X - Contract Forms
	<p>6.2 The Specific Procurement Notice - Request for Bids (RFB) issued by the Employer is not part of this bidding document.</p>
	<p>6.3 Unless obtained directly from the Employer or downloaded from the official website specified in the 'E-Procurement Notice', the Employer is not responsible for the completeness of the bidding document, responses to requests for clarification, the minutes of the pre-Bid meeting (if any), or Addenda to the bidding document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Employer or downloaded from the official website specified in the 'E-Procurement Notice' shall prevail.</p>
	<p>6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding document and to furnish with its Bid all information and documentation as is required by the bidding document.</p>
<p>7. Clarification of Bidding Document, Site</p>	<p>7.1 The electronic procurement system specified in the BDS provides for online clarifications. A Bidder requiring any clarification on the bidding document may notify the Employer online on the e-procurement system or raise its inquiries during the pre-Bid meeting if provided for in accordance with ITB 7.4. Clarifications</p>

<p>Visit, Pre-Bid Meeting</p>	<p>requested through any other mode shall not be considered by the Employer. The Employer will respond to any request for clarification, provided that such request is received prior to the deadline for submission of Bids within a period specified in the BDS. Description of clarification sought and the response of the Employer shall be uploaded on the e-procurement system for information of all Bidders without identifying the source of request for clarification. Should the clarification result in changes to the essential elements of the bidding document, the Employer shall amend the bidding document following the procedure under ITB 8 and ITB 22.2. It is the bidder's responsibility to check on the e-procurement system, for any addendum/ amendment/ corrigendum to the bidding document.</p>
	<p>7.2 The Bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense.</p>
	<p>7.3 The Bidder and any of its personnel or agents will be granted permission by the Employer to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the Bidder, its personnel, and agents will release and indemnify the Employer and its personnel and agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.</p>
	<p>7.4 If so specified in the BDS, the Bidder's designated representative is invited to attend a pre-Bid meeting and/or a Site of Works visit. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.</p>
	<p>7.5 The Bidder is requested, to submit any questions only through the e-procurement system, not later than one week before the meeting. Clarifications requested through any other mode shall not be considered by the Employer.</p>
	<p>7.6 Minutes of the pre-Bid meeting, if applicable, including the text of the questions asked by Bidders, without identifying the source, and the responses given, together with any responses prepared after the meeting, will be uploaded online on e-procurement system. Any modification to the bidding document that may become necessary as a result of the pre-Bid meeting shall be made by the Employer exclusively through the issue of an addendum pursuant to ITB 8 and not through the minutes of the pre-Bid</p>

	meeting. It is the bidder's responsibility to check on the e-procurement system, for any addendum/ amendment/ corrigendum to the bidding document. Nonattendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.
8. Amendment of Bidding Document	8.1 At any time prior to the deadline for submission of bids, the Employer may amend the bidding document by issuing addenda.
	8.2 Any addendum issued shall be part of the bidding document and shall be deemed to have been communicated to all the bidders. The addenda will appear on the e-procurement system under "Latest Corrigendum", and Email notification is also automatically sent to those bidders who have started working on the tender, unless otherwise specified in the BDS . The Employer shall not be liable for any information not received by the bidder. It is the bidders' responsibility to verify the website for the latest information related to this bid.
	8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Employer may, at its discretion, extend the deadline for the submission of Bids, pursuant to ITB 22.2.
C. Preparation of Bids	
9. Cost of Bidding	9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Employer shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.
10. Language of Bid	10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Employer, shall be written in English. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Bid, such translation shall govern.
11. Documents Comprising the Bid	11.1 The Bid shall comprise two Parts, namely the Technical Part and the Financial Part. These two Parts shall be submitted simultaneously. 11.2 The Technical Part shall contain the following: (a) Letter of Bid – Technical Part prepared in accordance with ITB 12 and ITB 14;

	<p>(b) Bid Security or Bid-Securing Declaration in accordance with ITB 19.1;</p> <p>(c) Alternative Bid – Technical Part, if permissible, in accordance with ITB 13, the Technical Part of any Alternative Bid;</p> <p>(d) Authorization: written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.3, and in accordance with ITB 20.4 in case of a JV;</p> <p>(e) Bidder’s Eligibility: documentary evidence in accordance with ITB 17 establishing the Bidder’s eligibility to Bid;</p> <p>(f) Qualifications: documentary evidence in accordance with ITB 17 establishing the Bidder’s qualifications to perform the contract if its Bid is accepted;</p> <p>(g) Conformity: a technical proposal in accordance with ITB 16;</p> <p>(h) Construction methodology as detailed in Para 1.1 of Section III Evaluation Criteria;</p> <p>(i) Contractor Registration certificate (as per RFB); and</p> <p>(j) any other document required in the BDS.</p> <p>11.3 The Financial Part shall contain the following:</p> <p>(a) Letter of Bid – Financial Part: prepared in accordance with ITB 12 and ITB 14;</p> <p>(b) Bill of Quantities or Activity Schedule¹ completed in accordance with ITB 12 and ITB 14, as specified in BDS;</p> <p>(c) Alternative Bid - Financial Part: if permissible in accordance with ITB 13, the Financial Part of any Alternative Bid; and</p> <p>(d) any other document required in the BDS.</p> <p>11.4 The Technical Part shall not include any information related to the Bid price. Where material financial information related to the Bid price is contained in the Technical Part the Bid shall be declared non-responsive.</p>
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¹ The priced Bill of Quantities is to be submitted for admeasurement contracts and Activity Schedule is to be submitted for lump-sum contracts.

	<p>11.5 In addition to the requirements under ITB 11.2, Bids submitted by a JV (where permitted) shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all members and submitted with the Bid, together with a copy of the proposed Agreement.</p> <p>11.6 The Bidder shall furnish in the Letter of Bid – Financial Part information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.</p>
<p>12. Process of Bid Submission</p>	<p>12.1 The Letter of Bid – Technical Part, Letter of Bid – Financial Part, and Priced Activity Schedules or Bill of Quantities, and all documents listed under Clause 11, shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.3. All blank spaces shall be filled in with the information requested.</p> <p>12.2 Entire Bid including the Letters of Bid, filled-up Activity Schedules or Bill of Quantities shall be submitted online on e-procurement system specified in ITB 7.1. Details and process of online submission of the tender and relevant documents are given in the website mentioned above. Scanned copies of documents listed in ITB Clauses 11 and 12.3 should also be uploaded on this website.</p>
<p>13. Alternative Bids</p>	<p>13.1 Unless otherwise specified in the BDS, alternative Bids shall not be considered.</p> <p>13.2 When alternative times for completion are explicitly invited, a statement to that effect will be included in the BDS and the method of evaluating different alternative times for completion will be described in Section III, Evaluation and Qualification Criteria.</p>
	<p>13.3 Except as provided under ITB 13.4 below, Bidders wishing to offer technical alternatives to the requirements of the bidding document must first price the Employer’s design as described in the bidding document and shall further provide all information necessary for a complete evaluation of the alternative by the Employer, including drawings, design calculations, technical specifications, breakdown of prices, and proposed construction methodology and other relevant details. Only the technical alternatives, if any, of the Bidder with the Most Advantageous Bid conforming to the basic technical requirements shall be considered by the Employer.</p>

	13.4 When specified in the BDS , Bidders are permitted to submit alternative technical solutions for specified parts of the Works. Such parts will be identified in the BDS and described in Section VII, Works' Requirements. The method for their evaluation will be stipulated in Section III, Evaluation and Qualification Criteria.
14. Bid Prices and Discounts	14.1 The prices and discounts quoted by the Bidder in the Letter of Bid –Financial Part and in the Priced Activity Schedule or Bill of Quantities shall conform to the requirements specified below.
	14.2 The Bidder shall submit a Bid for the whole of the Works described in ITB 1.1 by filling in prices for all items of the Works, as identified in Section IV - Bidding Forms along with the total bid price (both in figures and words). In case of admeasurement contracts, the Bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by the Bidder will not be paid for by the Employer when executed and shall be deemed covered by the rates for other items and prices in the Bill of Quantities. Corrections if any, in the bid can be carried out by editing the information before electronic submission on e-procurement system.
	14.3 The price to be quoted in the Letter of Bid – Financial Part, in accordance with ITB 12.1, shall be the total price of the Bid, excluding any discounts offered.
	14.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Letter of Bid – Financial Part in accordance with ITB 12.1.
	14.5 Unless otherwise specified in the BDS and the Conditions of Contract, the prices quoted by the Bidder shall be fixed. 14.6 If so specified in ITB 1.1, Bids are invited for individual lots (contracts) or for any combination of lots (packages). Bidders wishing to offer discounts for the award of more than one Contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITB 14.4, provided the Bids for all lots (contracts) are opened at the same time.
	14.7 All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the deadline for

	<p>submission of Bids, shall be included in the rates and prices² and the total Bid price submitted by the Bidder.</p> <p>14.8 Bidders may like to ascertain availability of tax/duty exemption benefits available in India. They are solely responsible for obtaining such benefits which they have considered in their bid and in case of failure to receive such benefits for reasons whatsoever, the Employer will not compensate the bidder (Contractor). The bidder shall furnish along with his bid a declaration to this effect in the Declaration Format provided in Section IV of the bidding document.</p> <p>Where the bidder has quoted taking into account such benefits, it must give all information required for issue of certificates in terms of the Government of India's relevant Notifications as per the declaration format. In case the bidder has not provided the required information or has indicated to be furnished later on in the Declaration Format, the same shall be construed that the goods/construction equipment for which certificate is required is Nil.</p> <p>To the extent the Employer determines the quantities indicated therein are reasonable keeping in view the quantities in bill of quantities, construction program and methodology, the certificates will be issued within 60 days of signing of the contract and no subsequent changes will be permitted. In case of materials pertaining to Variation items and quantities, the certificate shall be issued only on request from the Contractor when in need and duly certified by the Project Manager.</p> <p>No certificate will be issued for items where no quantity/capacity of equipment is indicated in the statement.</p> <p>If the bidder has considered the tax/duty exemption for materials/construction equipment to be bought for the work, the bidder shall confirm and certify that the Employer will not be required to undertake any responsibilities of the Government of India Scheme or the said exemptions being available during the contract execution, except issuing the required certificate. The bids which do not conform to the above provisions or any condition by the bidder which makes the bid subject to availability of tax/duty exemption for materials/construction equipment or compensation on withdrawal of any variations to</p>
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² In lump-sum contracts, delete "rates and prices and the."

	<p>the said exemptions will be treated as non-responsive and rejected.</p> <p>Any delay in procurement of the construction equipment/machinery/goods as a result of the above shall not be a cause for granting any extension of time.</p>
15. Currencies of Bid and Payment	15.1 The unit rates and prices shall be quoted by the Bidder and shall be paid for, entirely in Indian Rupees.
16. Documents Comprising the Technical Proposal	16.1 The Bidder shall furnish a technical proposal in the Technical Part of the Bid, including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section IV, Bidding Forms, in sufficient detail to demonstrate the adequacy of the Bidders' proposal to meet the work's requirements and the completion time.
17. Documents Establishing the Eligibility and Qualifications of the Bidder	<p>17.1 To establish Bidder's eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid – Technical Part, included in Section IV, Bidding Forms.</p> <p>17.2 In accordance with Section III, Evaluation and Qualification Criteria, to establish its qualifications to perform the Contract, the Bidder shall provide the information requested in the corresponding information sheets included in Section IV, Bidding Forms.</p>
18. Period of Validity of Bids	18.1 Bids shall remain valid for 90 days or for the Bid Validity period specified in the BDS or any extended date if amended by the Employer in accordance with ITB 8. The Bid Validity period starts from the date fixed for the Bid submission deadline (as prescribed by the Employer in accordance with ITB 22.1). A Bid valid for a shorter period shall be rejected by the Employer as nonresponsive.
	18.2 In exceptional circumstances, prior to the expiration of the Bid validity period, the Employer may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 19, it shall also be extended for forty five (45) days beyond the deadline of the extended validity period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB 18.3.

	<p>18.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial Bid validity period, the Contract price shall be determined as follows:</p>
	<p>(a) in the case of fixed price contracts, the Contract price shall be the Bid price adjusted by the factor specified in the BDS;</p> <p>(b) in the case of adjustable price contracts, no adjustment shall be made; or</p> <p>(c) in any case, Bid evaluation shall be based on the Bid price without taking into consideration the applicable correction from those indicated above.</p>
19. Bid Security	<p>19.1 The Bidder shall furnish as part of the Technical Part of its Bid, either a Bid-Securing Declaration or a Bid Security as specified in the BDS, in original form and, in the case of a Bid security, for the amount specified in the BDS.</p>
	<p>19.2 A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.</p>
	<p>19.3 If a Bid Security is specified pursuant to ITB 19.1, the Bid Security shall be a demand guarantee in any of the following forms at the Bidder's option:</p> <p>(a) an unconditional bank guarantee issued by a Nationalized or Scheduled bank located in India;</p> <p>(b) an irrevocable letter of credit issued by a Nationalized or Scheduled bank located in India;</p> <p>(c) a cashier's or certified check or demand draft issued by a Nationalized or Scheduled bank located in India;</p> <p>(d) another security specified in the BDS,</p> <p>In the case of a bank guarantee, the Bid Security shall be submitted using the Bid Security Form included in Section IV, Bidding Forms. The form must include the complete name of the Bidder. The Bid Security shall be valid for forty-five (45) days beyond the original validity period of the Bid, or beyond any period of extension if requested under ITB 18.2.</p>
	<p>19.4 If a Bid Security or Bid Securing Declaration is specified pursuant to ITB 19.1, any Bid not accompanied by a substantially responsive Bid Security or Bid Securing Declaration shall be rejected by the Employer as non-responsive.</p>

	<p>19.5 If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the Contract and furnishing the Performance Security and if required in the BDS, the Environmental and Social (ES) Performance Security pursuant to ITB 50.</p>
	<p>19.6 The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required Performance Security and if required in the BDS, the Environmental and Social (ES) Performance Security.</p>
	<p>19.7 The Bid Security may be forfeited or the Bid-Securing Declaration may be executed:</p> <ul style="list-style-type: none"> (a) if a Bidder withdraws/modifies/substitutes its Bid during the period of Bid validity specified by the Bidder on the Letter of Bid - Technical Part and repeated in Letter of Bid - Financial Part, or any extension thereto provided by the Bidder; or (b) if the Bidder does not accept the correction of its Bid Price pursuant to ITB 36; or (c) if the successful Bidder fails to: <ul style="list-style-type: none"> (i) sign the Contract in accordance with ITB 49; or (ii) furnish a Performance Security and if required in the BDS, the Environmental and Social (ES) Performance Security in accordance with ITB 50.
	<p>19.8 The Bid Security or the Bid-Securing Declaration of a JV shall be in the name of the JV that submits the Bid. If the JV has not been constituted into a legally enforceable JV, at the time of Bidding, the Bid Security or the Bid-Securing Declaration shall be in the names of all future members as named in the letter of intent mentioned in ITB 4.1 and ITB 11.2.</p>
	<p>19.9 If a Bid Security is not required in the BDS, pursuant to ITB 19.1, and:</p> <ul style="list-style-type: none"> (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder in the Letters of Bid or any extended date provided by the Bidder; or if the Bidder does not accept the correction of its Bid Price pursuant to ITB Sub-Clause 36; or

	<p>(b) if the successful Bidder fails to: sign the Contract in accordance with ITB 49; or furnish a Performance Security and if required in the BDS, the Environmental and Social (ES) Performance Security in accordance with ITB 50;</p> <p>the Borrower may, if provided for in the BDS, declare the Bidder ineligible to be awarded a contract by the Employer for a period of time as stated in the BDS.</p>
20. Format and Signing of Bid	20.1 The Bidder shall prepare the Bid in accordance with this Instruction, ITB 11 and ITB 21.
	20.2 Bidders shall mark as “CONFIDENTIAL” information in their Bids which is confidential to their business.
	20.3 The Bid shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the BDS and shall be uploaded along with the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature.
	20.4 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives. Documents establishing authority to sign the bid on behalf of the JV shall be uploaded along with the bid.
	20.5 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialled by the person signing the Bid.
D. Online Submission of Bids	
21. Preparation of Bids	21.1 Bids, both Technical and Financial Parts, shall be submitted online on the e-procurement system specified in BDS 7.1. Detailed guidelines for viewing bids and submission of online bids are given on the website. The Request for Bids under this Project is published on this website. Any citizen or prospective bidder can logon to this website and view the Request for Bids and can view the details of works for which bids are invited. A prospective bidder can submit its bid online; however, the bidder is required to have enrolment/registration in the website, and should have valid Digital Signature Certificate (DSC) in the form of smart card/e-token obtained from any certifying agency authorised by the Government of India (for class of DSC specified in BDS).

	<p>As part of the enrolment process, bidders are required to choose unique username and assign a password for their accounts. Upon enrolment, the Bidders will be required to register their valid Digital Signature Certificate (DSC) with their profile. The bidders should register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the e-procurement system. A bidder can then login the website through the secured login by entering the password of the e-token & the user id/ password chosen during registration. After getting the bid schedules, the Bidder should go through them carefully and submit the specified documents, along with the bid, otherwise the bid will be rejected.</p>
	<p>21.2 The completed bid comprising of documents indicated in ITB 12, should be uploaded on the e-procurement system along with scanned copies of requisite certificates as are mentioned in different sections in the bidding document and scanned copy of the bid security.</p>
	<p>21.3 All the documents are required to be signed digitally by the bidder. After electronic online bid submission, the system generates a bid summary and a unique bid identification number which is time stamped as per server time. This shall be treated as acknowledgement of bid submission, and a copy should be retained by the Bidder.</p>
	<p>21.4 Physical, e-mail, Telex, Cable or Facsimile bids will be rejected as non-responsive.</p>
22. Deadline for Submission of Bids	<p>22.1 Bids, both Technical and Financial Parts, must be uploaded online no later than the date and time specified in the BDS. The server time will be considered as the standard time for referencing the deadlines for submission of the bids, opening of bids etc.</p>
	<p>22.2 The Employer may, at its discretion, extend the deadline for the submission of Bids by amending the bidding document in accordance with ITB 8, in which case all rights and obligations of the Employer and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.</p>
23. Late Bids	<p>23.1 The electronic procurement system would not allow any late submission of bids after due date & time as per server time.</p>
24. Withdrawal, Substitution, and Modification of Bids	<p>24.1 Bidders may modify their bids by using the appropriate option for bid modification on e-procurement system, before the deadline for submission of bids. For this the bidder need not make any additional payment towards the cost of bid document. For bid modification and consequential re-submission, the bidder is not</p>

	<p>required to withdraw his bid submitted earlier. The last modified bid submitted by the bidder within the bid submission time shall be considered as the bid. For this purpose, modification/withdrawal by other means will not be accepted. In online system of bid submission, the modification and consequential re-submission of bids is allowed any number of times. A bidder may withdraw his bid by using the appropriate option for bid withdrawal, before the deadline for submission of bids, however, if the bid is withdrawn, re-submission of the bid is not allowed (or allowed if specified in BDS).</p>
	<p>24.2 Bids requested to be withdrawn in accordance with ITB 24.1 shall not be opened.</p>
	<p>24.3 No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder on the Letter of Bid or any extension thereof. This will result in the forfeiture of the Bid Security or execution of the Bid-Securing Declaration pursuant to ITB 19.7.</p>
<p>E. Public Opening of Technical Parts of Bids</p>	
<p>25. Public Opening of Technical Parts of Bids</p>	<p>25.1 The Employer shall publicly open Technical Parts of all Bids received by the deadline, at the date, time and place specified in the BDS, in the presence of Bidders' designated representatives and anyone who chooses to attend, and this could also be viewed by the bidders online. The Financial Parts of the bids shall remain unopened in the e-procurement system, until the subsequent public opening, following the evaluation of the Technical Parts of the Bids. In all cases original documents, if required to be submitted as specified in ITB 12.3, shall be first scrutinized, and Bids that do not comply with the provisions of ITB 12.3 will be declared non-responsive and will not be opened. Thereafter, bidders' names, the presence or absence of a Bid Security or Bid Securing Declaration, if one was required, alternative bids – technical parts, if any, and such other details as the Employer may consider appropriate will be notified, online by the Employer at the time of bid opening.</p> <p>In the event of the specified date of bid opening being declared a holiday for the Employer, the bids will be opened at the appointed time and location on the next working day.</p> <p>25.2 The electronic summary of the bid opening will be generated and uploaded online. The Employer will also prepare minutes of the Bid opening, including the information disclosed and upload the same for viewing online. Only Technical Parts of Bids, and</p>

	technical parts of Alternative Bids if any, that are opened at technical Bid opening shall be considered further for evaluation.
F. Evaluation of Bids – General Provisions	
26. Confidentiality	26.1 Information relating to the evaluation of the Technical Part shall not be disclosed to Bidders or any other persons not officially concerned with the Bidding process until the notification of evaluation of the Technical Part in accordance with ITB 34. Information relating to the evaluation of Financial Part, the evaluation of combined Technical Part and Financial Part, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the RFB process until the Notification of Intention to Award the Contract is transmitted to all Bidders in accordance with ITB 45. In cases where ITB 45 is not applicable, such information shall not be disclosed until Notification of Award is transmitted in accordance with ITB 47.
	26.2 Any effort by a Bidder to influence the Employer in the evaluation of the Bids or Contract award decisions may result in the rejection of its Bid.
	26.3 Notwithstanding ITB 26.2, from the time of Bid opening to the time of Contract award, if a Bidder wishes to contact the Employer on any matter related to the Bidding process, it shall do so in writing.
27. Clarification of Bids	27.1 To assist in the examination, evaluation, and comparison of the Bids, and qualification of the Bidders, the Employer may, at its discretion, ask any Bidder for a clarification of its Bid giving a reasonable time for a response. Any clarification submitted by a Bidder that is not in response to a request by the Employer shall not be considered. The Employer's request for clarification and the response shall be in writing and shall be delivered to concerned bidders through e-procurement system/ official email id mentioned in IFB. No change, including any voluntary increase or decrease in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Bids, in accordance with ITB 36.
	27.2 The bidder shall respond to the queries on e- procurement system. If a Bidder does not provide clarifications of its Bid by the date and time set in the Employer's request for clarification, its Bid may be rejected.

<p>28. Deviations, Reservations, and Omissions</p>	<p>28.1 During the evaluation of Bids, the following definitions apply:</p> <ul style="list-style-type: none"> (a) “Deviation” is a departure from the requirements specified in the bidding document; (b) “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the bidding document; and (c) “Omission” is the failure to submit part or all of the information or documentation required in the bidding document.
<p>29. Nonmaterial Nonconformities</p>	<p>29.1 Provided that a Bid is substantially responsive, the Employer may waive any nonconformities in the Bid which do not constitute a material deviation, reservation or omission.</p>
	<p>29.2 Provided that a Bid is substantially responsive, the Employer may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any aspect of the price or substance of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.</p>
<p>G. Evaluation of Technical Parts of Bids</p>	
<p>30. Determination of Responsiveness of Technical Part</p>	<p>30.1 The Employer’s determination of the Technical Part’s responsiveness shall be based on the contents of the Bid, as specified in ITB 11.</p> <p>30.2 Preliminary examination of the Technical Part shall be carried out to identify bids that are incomplete, invalid or substantially nonresponsive to the requirements of the Bidding documents. A substantially responsive Bid is one that meets the requirements of the bidding document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:</p> <ul style="list-style-type: none"> (a) if accepted, would: <ul style="list-style-type: none"> (i) affect in any substantial way the scope, quality, or performance of the Works specified in the Contract; or

	<p>(ii) limit in any substantial way, inconsistent with the bidding document, the Employer's rights or the Bidder's obligations under the proposed Contract; or</p> <p>(b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.</p>
	30.3 If the Technical Part is not substantially responsive to the requirements of the bidding document, it shall be rejected by the Employer and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.
31. Eligibility and Qualifications of the Bidder	31.1 The Employer shall determine to its satisfaction whether the eligible Bidders that have submitted substantially responsive Bid - Technical Parts meet the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
	31.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than Specialized Subcontractors if permitted in the bidding document), or any other firm different from the Bidder.
	31.3 Prior to Contract award, the Employer will verify that the successful Bidder (including each member of a JV) is not disqualified by the Bank due to noncompliance with contractual SEA/SH prevention and response obligations. The Employer will conduct the same verification for each subcontractor proposed by the successful Bidder. If any proposed subcontractor does not meet the requirement, the Employer will require the Bidder to propose a replacement subcontractor.
	31.4 Only substantially responsive bids submitted by eligible and qualified bidders shall proceed to the detailed technical evaluation specified in ITB 32.
32. Detailed Evaluation of Technical Part	32.1 The Employer's evaluation of Technical Part will be carried out as specified in Section III, Evaluation and Qualification Criteria.
	32.2 Not Used.
33. Subcontractors	33.1 Unless otherwise stated in the BDS , the Employer does not intend to execute any specific elements of the Works by subcontractors selected in advance by the Employer.

	<p>33.2 The subcontractor’s qualifications shall not be used by the Bidder to qualify for the Works unless their specialized parts of the Works were previously designated by the Employer in the BDS as can be met by subcontractors referred to hereafter as ‘Specialized Subcontractors’, in which case, the qualifications of the Specialized Subcontractors proposed by the Bidder may be added to the qualifications.</p> <p>33.3 Bidders may propose subcontracting up to the percentage of total value of contracts or the volume of works as specified in the BDS. Subcontractors proposed by the Bidder shall be fully qualified for their parts of the Works.</p>
<p>H. Notification of Evaluation of Technical Parts and Public Opening of Financial Parts of Bids</p>	
<p>34. Notification of Evaluation of Technical Parts and Public Opening of Financial Parts</p>	<p>34.1 Following the completion of the evaluation of the Technical Parts of the Bids, and the Bank has issued its no objection (if applicable), the Employer shall notify in writing those Bidders whose Bids were considered non-responsive to the bidding document or failed to meet the Qualification requirements, advising them of the following information:</p>
	<p>(a) the grounds on which their Technical Part of Bid failed to meet the requirements of the bidding document;</p> <p>(b) their Financial Part of Bid shall not be opened; and</p> <p>(c) notify them of the date, time, and location for public opening of Financial Parts of the Bids.</p>
	<p>34.2 The Employer shall, simultaneously, notify in writing those Bidders whose Technical Part have been evaluated as substantially responsive to the bidding document and met all Qualifying Criteria, advising them of the following information:</p> <p>(a) their Bid has been evaluated as substantially responsive to the bidding document and met the qualification requirements;</p> <p>(b) their Financial Part of Bid will be opened at the public opening of the Financial Parts; and</p> <p>(c) notify them of the date, time and location of the second public opening of the Financial Parts of the Bids, as specified in the BDS.</p>
	<p>34.3 The opening date shall be not less than ten (10) Business Days from the date of notification of the results of the technical</p>

	<p>evaluation, specified in ITB 34.1 and 34.2. However, if the Employer receives a complaint on the results of the technical evaluation within the ten (10) Business Days, the opening date shall be subject to ITB 52.1. The Financial Part of the Bids shall be opened publicly in the presence of Bidders' designated representatives and anyone who chooses to attend, and this could also be viewed by the bidders online. The bidder's names, the total bid prices, per lot (contract) if applicable, including any discounts and Alternative Bid - Financial Part if any, and such other details as the Employer may consider appropriate, will be notified online by the Employer at the time of bid opening.</p> <p>In the event of the specified date of bid opening being declared a holiday for the Employer, the bids will be opened at the appointed time and location on the next working day.</p>
	<p>34.4 The electronic summary of the bid opening will be generated and uploaded online. The Employer will also prepare minutes of the Bid opening, including the information disclosed and upload the same for viewing online. Only Financial Parts of Bids, Financial Parts of Alternative Bids, and discounts that are opened and read out at Bid opening shall be considered further for evaluation.</p>
<p>I. Evaluation of Financial Parts of Bids</p>	
<p>35. Evaluation of Financial Parts</p>	<p>35.1 To evaluate the Financial Part, the Employer shall consider the following:</p>
	<p>(a) the Bid price, excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities³ for admeasurement contracts, but including Daywork⁴ items, where priced competitively;</p>
	<p>(b) price adjustment for correction of arithmetic errors in accordance with ITB 36.1;</p>
	<p>(c) price adjustment due to discounts offered in accordance with ITB 14.4;</p>

³ In lump-sum contracts, delete "Bill of Quantities" and replace with "Activity Schedule."

⁴ Daywork is work carried out following instructions of the Project Manager and paid for on the basis of time spent by workers, and the use of materials and the Contractor's equipment, at the rates quoted in the Bid. For Daywork to be priced competitively for Bid evaluation purposes, the Employer must list tentative quantities for individual items to be costed against Daywork (e.g., a specific number of tractor driver staff-days, or a specific tonnage of Portland cement), to be multiplied by the Bidders' quoted rates and included in the total Bid price.

	<p>(d) Not used;</p> <p>(e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 35.4; and</p>
	<p>(f) the additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria.</p>
	<p>35.2 If price adjustment is allowed in accordance with ITB 14.5, the estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.</p>
	<p>35.3 If this bidding document allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated cost of the contract combinations, including any discounts offered in the Letter of Bid – Financial Part, is specified in Section III, Evaluation and Qualification Criteria.</p>
	<p>35.4 Provided that a Bid is substantially responsive, the Employer shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component by adding the average price of the item or component quoted by substantially responsive Bidders. If the price of the item or component cannot be derived from the price of other substantially responsive Bidders, the Employer shall use its best estimate.</p>
<p>36. Correction of Arithmetic Errors</p>	<p>36.1 In evaluating the Financial Part of each Bid, the Employer shall correct arithmetical errors on the following basis:</p> <p>(a) only for admeasurement contracts, if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected;</p> <p>(b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and</p> <p>(c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.</p>
	<p>36.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 36.1, shall result in the rejection of the Bid and the Bid Security</p>

	may be forfeited or the Bid-Securing Declaration may be executed in accordance with ITB Sub-Clause 19.7.
37. Conversion to Single Currency	37.1 Not used.
38. Margin of Preference	38.1 Not applicable.
39. Comparison of Financial Parts	39.1 Not applicable.
40. Abnormally Low Bids	<p>40.1 An Abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns as to the capability of the Bidder to perform the Contract for the offered Bid price.</p> <p>40.2 In the event of identification of a potentially Abnormally Low Bid, the Employer, unless otherwise specified in the BDS, shall seek written clarifications from the Bidder, including detailed price analyses of its Bid price in correlation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities and any other requirements of the bidding document.</p> <p>40.3 After evaluation of the price analyses, in the event that the Employer determines that the Bidder has failed to demonstrate its capability to deliver the Contract for the offered tender Price, the Employer shall reject the Bid.</p>
41. Unbalanced or Front-Loaded Bids	<p>41.1 If the Bid for an admeasurement contract, which results in the most advantageous bid is, in the Employer's opinion, seriously unbalanced or, front-loaded, the Employer may require the Bidder to provide written clarifications. Clarifications may include detailed price analyses (with breakdown of unit rates) to demonstrate the consistency of the Bid prices with the scope of works, proposed methodology, schedule and any other requirements of the bidding document.</p> <p>41.2 After the evaluation of the information and detailed price analyses presented by the Bidder, the Employer may as appropriate:</p> <ul style="list-style-type: none"> (a) accept the Bid without any additional Performance Security; or (b) require that the amount of the Performance Security be increased at the expense of the Bidder to a level not exceeding twenty percent (20%) of the Contract Price to

	<p>protect the Employer against financial loss in the event of default of the successful Bidder under the Contract; or</p> <p>(c) reject the Bid if the risk cannot be mitigated through additional performance security.</p>
J. Evaluation of Combined Technical and Financial Parts, Most Advantageous Bid and Notification of Intention to Award	
42. Evaluation of combined Technical and Financial Parts	42.1 Not used.
Most Advantageous Bid	42.2 Having compared the evaluated costs of Bids, the Employer shall determine the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the Qualification Criteria and whose Bid has been determined to be substantially responsive to the bidding document, and the lowest evaluated cost.
43. Employer's Right to Accept Any Bid, and to Reject Any or All Bids	43.1 The Employer reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract Award, without thereby incurring any liability to Bidders. In case of annulment, all documents submitted and specifically, Bid securities, shall be promptly returned to the Bidders.
44. Standstill Period	44.1 Not used.
45. Notification of Intention to Award	45.1 Not used.
K. Award of Contract	
46. Award Criteria	46.1 Subject to ITB 43, the Employer shall award the Contract to the successful Bidder. This is the Bidder whose Bid has been

	determined to be the Most Advantageous Bid as specified in ITB 42.
47. Notification of Award	<p>47.1 Prior to the expiration of the Bid Validity, the Employer shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification of award (hereinafter and in the Conditions of Contract and Contract Forms called the “Letter of Acceptance”) shall specify the sum that the Employer will pay the Contractor in consideration of the execution of the contract (hereinafter and in the Conditions of Contract and Contract Forms called “the Contract Price”).</p> <p>47.2 Within ten (10) Business Days after the date of transmission of the Letter of Acceptance, the Employer shall publish the Contract Award Notice which shall contain, at a minimum, the following information:</p> <ul style="list-style-type: none"> (a) name and address of the Employer; (b) name and reference number of the contract being awarded, and the selection method used; (c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated; (d) names of all Bidders whose Bids were rejected either as nonresponsive or as not meeting qualification criteria, or were not evaluated, with the reasons therefor; and (e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope.
	47.3 The Contract Award Notice shall be published on a National website (GoI website http://tenders.gov.in or GoI Central Public Procurement Portal https://eprocure.gov.in/cppp/) or on the Employer’s website, and on the e-procurement system.
	47.4 Until a formal contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.
48. Debriefing by the Employer	48.1 Not used.
49. Signing of Contract	49.1 Promptly upon Notification of Award, the Employer shall prepare the Contract Agreement, and keep it ready in the office of the Employer for the signature of the Employer and the successful Bidder, within 21 days following the date of Letter of Acceptance. The Contract Agreement shall incorporate all agreements between the Employer and the successful Bidder.

	<p>49.2 Within twenty-one (21) days of receipt of the Letter of Acceptance, the successful Bidder shall (a) furnish the performance security and if required in the BDS, the Environmental and Social (ES) Performance Security in accordance with ITB Clause 50 and revised construction methodology; (b) if the successful bidder is a JV, it shall also furnish the JV agreement duly signed by all the members, if it had submitted only a letter of intent to execute the JV agreement along with the bid; and (c) shall sign, date and return the Agreement to the Employer along with the documents stated at (a) and (b) above.</p>
<p>50. Performance Security</p>	<p>50.1 Within twenty-one (21) days of the receipt of the Letter of Acceptance from the Employer, the successful Bidder shall furnish the Performance Security and if required in the BDS, the Environmental and Social (ES) Performance Security in accordance with the General Conditions of Contract, subject to ITB 41.2 (b), using for that purpose the Performance Security and ES Performance Security Forms included in Section X, Contract Forms. The performance security and if required in the BDS, the Environmental and Social (ES) Performance Security of a Joint Venture shall be in the name of the Joint Venture specifying the names of all members.</p>
	<p>50.2 Failure of the successful Bidder to submit the above-mentioned Performance Security and if required in the BDS, the Environmental and Social (ES) Performance Security or to sign the Contract Agreement shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Employer may award the Contract to the Bidder offering the next Most Advantageous Bid.</p> <p>50.3 Upon the successful Bidder's signing the Agreement and furnishing of the Performance Security and if required in the BDS, the Environmental and Social (ES) Performance Security pursuant to ITB Clause 50.1, the Employer shall promptly notify the name of the winning bidder to each unsuccessful bidder and shall discharge the Bid Securities of the bidders pursuant to ITB Clause 19.5 and 19.6.</p>
<p>51. Adjudicator</p>	<p>51.1 The Employer proposes the person named in the BDS to be appointed as Adjudicator under the Contract, at the daily fee specified in the BDS, plus reimbursable expenses (actual boarding, lodging, travel and other incidental expenses). If the Bidder disagrees with this proposal, the Bidder should so state in his Bid. If, in the Letter of Acceptance, the Employer does not agree on the appointment of the Adjudicator, the Employer will</p>

	request the Appointing Authority designated in the Particular Conditions of Contract (PCC) pursuant to Clause 23.1 of the General Conditions of Contract (GCC), to appoint the Adjudicator.
52. Procurement Related Complaint	52.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.

Section II - Bid Data Sheet (BDS)

The following specific data for the Works to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Reference	A. General
ITB 1.1	<p>The reference number of the Request for Bids (RFB) is - IN-UPDASP-539357-CW-RFB</p> <p>The Employer is: Project Coordination Unit, Uttar Pradesh Diversified Agriculture Support Project, 4th floor PICUP Bhawan Lucknow-226010</p> <p>The name of the RFP is: Office Refurbishment of SPMU of UP-AGREES</p> <p>The number and identification of lots (contracts) comprising this RFB is: One</p>
ITB 1.2	The Employer shall use the e-procurement system specified in BDS 7.1.
ITB 2.1	<p>The Borrower is: Government of India</p> <p>Loan or Financing Agreement amount: 500 US\$ equivalent</p> <p>The name of the Project is: Uttar Pradesh Agriculture Growth and Rural Enterprise Ecosystem Strengthening Project (UP-AGREES)</p>
ITB 4.1	Bids from Joint ventures are not acceptable.
ITB 4.5	A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr .
B. Contents of Bidding Document	
ITB 7.1	<p>Electronic – Procurement System</p> <p>The Employer shall use the following electronic-procurement system to manage this Bidding process:</p> <p>https://etender.up.nic.in</p> <p>The electronic-procurement system shall be used to manage the following aspects of the Procurement process: issuing request for proposals document, submissions of Proposals, opening of Proposals etc.</p> <p>Requests for clarification should be received by the Employer no later than: Pre-Bid meeting</p>

	<p>[Note: e-procurement system of NIC also provides a 24x7 e-procurement portal (CPP) Helpdesk for any queries relating to the process of online bid submission or relating to e-procurement portal in general. For any Technical queries related to Operation of the Central Public Procurement Portal Contact at: Tel: The 24 x 7 Telephonic Help Desk Number 0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787.</p> <p>E-Mail: cPPP-nic[at]nic[dot]in, support-eproc[at]nic[dot]in</p>
<p>ITB 7.4</p>	<p>A Pre-Bid meeting <i>shall</i> take place.</p> <p>If a Pre-Bid meeting will take place, it will be at the following date, time and place:</p> <p>Date: 01st April, 2026</p> <p>Time: 11.30 am <i>in the Conference room of UPDASP</i></p> <p>Address: UPDASP, 4th floor PICUP Bhawan Lucknow-226010</p> <p>City: Lucknow</p> <p>Country: INDIA</p> <p>A site visit conducted by the Employer shall <i>be</i> organized in office hours</p>
<p>ITB 8.2</p>	<p>The Employer shall use the following electronic-procurement system to manage this Bidding process:</p> <p>https://etender.up.nic.in</p> <p>A bidder has multiple options built in the e-procurement system for searching active bids by several parameters. These parameters could be Bid ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search, wherein a bidder may combine a number of search parameters to search for a bid.</p> <p>Once a bid has been selected, the bidder may download the required documents/ bid schedules and move them to the respective 'My Bids' folder. This would enable the e-procurement system to intimate the bidder through SMS/ e-mail regarding any corrigendum issued to the bid document.</p> <p>The bidder should make a note of the unique Bid ID assigned to each bid to obtain any clarification/ help, if required from the Helpdesk (BDS 7.1 also refers)</p>
<p>C. Preparation of Bids</p>	
<p>ITB 11.2 (j)</p>	<p>The Bidder shall submit the following additional documents in the Technical Part of its Bid:</p> <p><i>Comprehensive and concise Environmental, Social, Health and Safety Management Strategies and Implementation Plans including Code of</i></p>

	<i>Conduct that will apply to its employees and subcontractors, to ensure compliance with its Environmental, Social, Health and Safety (ESHS) obligations including compliance with applicable Laws/ Rules/ Regulations for protection of environment, public health and safety, and the applicable parts of the Environment Management Plan of the project under the contract</i>
ITB 11.3 (b)	The following schedules shall be submitted with the bid: 1) <i>Priced Bill of Quantities for admeasurement contracts</i> 2) <i>Activity schedules</i> 3) <i>All other bid forms</i>
ITB 11.3 (d)	The Bidder shall submit the following additional documents in its Bid: <i>[list any additional document not already listed in ITB 11.3 that must be submitted with the Bid – Financial Part]</i>
ITB 12	Note for Bidders: Bidders have to submit the bids on the e-procurement system along with the relevant required documents. For this purpose, the bidders shall fill up online, the forms that are available for online filling on the e- procurement system. The rest of the forms shall be download by the bidders and filled up. The filled-up pages shall then be scanned and uploaded on the e-procurement system along with the scanned copies of the supporting documents. Documents which are to be submitted as scanned documents shall be printed or written in indelible ink (or legible photocopies in the case of copies) and all the pages shall be signed by person or persons duly authorized to sign on behalf of the Bidder before scanning and uploading. To avoid time and effort required in uploading the same set of standard documents which are required to be uploaded as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders in the NIC e-procurement system. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid and need not be uploaded again and again. My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of e-Technical Bid.
ITB 12.3	Add the following as sub-clause 12.3: “12.3 Submission of Original Documents: The bidders are required to separately submit (i) original payment documents towards the cost of bid document; and registration on e-procurement website (if applicable); (ii) original bid security or Bid-Securing Declaration in approved form; and (iii) original affidavit regarding correctness of information furnished with

	bid document, with the office specified in the BDS , before the Bid submission deadline, either by registered/speed post/courier or by hand, failing which the bids will be declared non-responsive and will not be opened. Hard copy of rest of the bid or any other document are not to be submitted. These original documents shall be sealed in an envelope(s) that (a) shall bear the name and address of the Bidder; (b) shall be addressed to the Employer; and (c) shall bear the specific identification of this bidding process as indicated in BDS 1.1.”
ITB 12.3	<p>The Documents <i>are</i> required to be submitted before the Bid submission deadline.</p> <p>1. original bid security in approved form;</p> <p>2. original affidavit regarding correctness of information furnished with bid document</p> <p>For submission of original documents, the Employer’s address is:</p> <p>Project Coordination Unit, Uttar Pradesh Diversified Agriculture Project, 4th floor PICUP Bhawan Lucknow-226010</p> <p>Attention: <i>Additional Project Director UP-AGREES</i></p> <p>Street Address: <i>UPDASP PICUP Bhawan</i></p> <p>Floor/Room number: <i>fourth floor B1-Block</i></p> <p>City: <i>Lucknow</i></p> <p>Postal Code : : <i>226010</i></p> <p>Country: <i>INDIA</i></p>
ITB 13.1	Alternative Bids <i>shall not be</i> permitted.
ITB 13.2	Alternative times for completion <i>shall not be</i> permitted.
ITB 13.3	Not Applicable
ITB 13.4	Alternative technical solutions shall be permitted for the following parts of the Works: Not Applicable
ITB 14.5	The prices quoted by the Bidder <i>shall not be</i> subject to adjustment during the performance of the Contract.
ITB 18.1	The Bid validity period shall be 90 days.
ITB 18.3 (a)	The Bid price shall be adjusted by the following factor: NA
ITB 19.1	A Bid Security <i>shall be</i> required.

	<p>A Bid-Securing Declaration <i>shall not be</i> required</p> <p>If a Bid Security shall be required, the Bidder shall furnish a Bid Security in the amount of INR 1,25,000.00</p>
ITB 19.3 (d)	<p>Other types of acceptable securities are:</p> <p>Fixed Deposit/Time Deposit certificate issued by a Nationalized or Scheduled Bank located in India for equivalent or higher values are acceptable provided it is pledged in favour of Project Coordination Unit UPDASP and such pledging has been noted and suitably endorsed by the bank issuing the certificate.</p>
ITB 19.9	Deleted
ITB 20.3	<p>The written confirmation of authorization to sign on behalf of the Bidder shall consist of:</p> <p>(a) Legally valid Power of Attorney is required to demonstrate the authority of the signatory to sign the Bid.</p>
D. Online Submission of Bids	
ITB 21.1	Class of DSC required is: As required Digital Signature Certificate (DSC)
ITB 22.1	<p>The deadline for uploading the Bids on Electronic portal https://etender.up.nic.in is:</p> <p>Date: 20 April, 2026</p> <p>Time: 17:00 Hours</p> <p>Bidders <i>shall</i> have the only option of submitting their Bids electronically on https://etender.up.nic.in.</p> <p>The electronic bidding submission procedures shall be: through the e-procurement system only.</p>
E. Public Opening of Technical Parts of Bids	
ITB 25.1	<p>The online opening of Technical Part of Bids shall take place at:</p> <p>Street Address: Project Coordination Unit, UPDASP</p> <p>Floor/ Room number: <i>Block B-1 PICUP Bhawan</i></p> <p>City: <i>Vibhuti Khand Gomti Nagar Lucknow 226010</i></p> <p>Country: India</p> <p>Date: 20th April, 2025</p>

	<p>Time: 17:30 Hours.</p> <p>In the event of the specified date of bid opening being declared a holiday for the Employer, the bids will be opened at the appointed time and location on the next working day.</p>
G. Evaluation Technical Parts of Bids	
ITB 33.1	Not applicable - as Employer does not intend to execute any specific elements of the Works by sub-contractors selected in advance by the Employer.
ITB 33.2	N/A
ITB 33.3	subcontracting permitted is: not allowed
H. Notification of Evaluation of Technical Parts and Public Opening of Financial Parts	
ITB 34.2 (c)	<p>Following the completion of the evaluation of the Technical Parts of the Bids, the Employer will notify all Bidders of the date, time, and location of the public opening of Financial Parts.</p> <p>The online bid opening of Financial Parts of Bids shall take place at:</p> <p>Street Address: Project Coordination Unit, UPDASP Floor/ Room number: <i>Block B-1 PICUP Bhawan 4th floor</i> City: <i>Vibhuti Khand Gomti Nagar Lucknow 226010</i> Country: India Country: INDIA Date: <i>[insert day, month, and year]</i> Time: <i>[insert time, and identify if a.m. or p.m.]</i></p> <p>In addition to the above the Employer shall publish a notice of the public opening of the Financial Parts of the Bid on its website https://etender.up.nic.in</p>
I. Evaluation Financial Parts of Bids	
ITB 40	Provisions related to Abnormally Low Bids do not apply
J. Evaluation of Combined Technical and Financial Parts and Most Advantageous Bid	
K. Award of Contract	

ITB 50.1 and 50.2	Not Applicable
ITB 51	The Adjudicator proposed by the Employer is: <i>Not Applicable</i>
ITB 52.1	<p>The procedures for making a Procurement-related Complaint are detailed in the “Procurement Regulations for IPF Borrowers (Annex III).” If a Bidder wishes to make a Procurement-related Complaint, the Bidder shall submit its complaint following these procedures, In Writing (by the quickest means available, such as by email or fax), to:</p> <p>Project Coordination Unit, Uttar Pradesh Diversified Agriculture Project, 4th floor PICUP Bhawan Lucknow-226010 Attention: Additional Project Director UP-AGREES Street Address: UPDASP PICUP Bhawan Floor/Room number: fourth floor B1-Block City: Lucknow Postal Code : : 226010 Country: INDIA Email: updasp12@gmail.com</p> <p>A copy of the complaint can be sent for the Bank’s information and monitoring to: pprocurementcomplaints@worldbank.org</p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none"> 1. the terms of the Bidding Documents; 2. the Employer’s decision to exclude a Bidder from the procurement process prior to the award of contract; and <p>the Employer’s decision to award the contract.</p>

Section III - Evaluation and Qualification Criteria

This section contains all the criteria that the Employer shall use to evaluate Bids and qualify Bidders. No other factors, methods or criteria shall be used other than those specified in this bidding document. The Bidder shall provide all the information requested in the forms included in Section IV, Bidding Forms.

1. Technical Part

1.1 Evaluation of Technical Proposal

1.1(a) Assessment of adequacy of Technical Proposal with Requirements in accordance with ITB 32.1.

The Technical Proposal submitted by the bidder was examined in accordance with ITB Clause 32.1 to assess compliance with the minimum technical requirements for the building refurbishment work. The proposal was found to be adequate and responsive to the requirements of the bidding document and was therefore considered for further evaluation.

1.1 (b) Evaluation of the Bidder's Technical Proposal, in addition to the above, will include

(i) an assessment of the Bidder's technical capacity to mobilize key equipment and personnel for the contract consistent with its proposal regarding work methods, scheduling, material sourcing, and quality control/ assurance in sufficient detail and fully in accordance with the requirements stipulated in Section VII, Works' Requirements.

For this purpose, the Bidder should also submit:

A detailed note outlining its proposed methodology and program of construction including Contractor's Environmental and Social, Health Management Strategies and Implementation Plans (ES-MSIP), backed with equipment, materials and manpower planning and deployment, duly supported with broad calculations and quality control system/assurance procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.

1.2 Alternative Technical Solutions for specified parts of Works (ITB 13.4) – Not Applicable

1.3 Specialized Subcontractors -*Not Applicable*

2.1 Qualification Criteria

Pursuant to ITB 31.1, the Employer shall assess each Bid against the following Qualification Criteria. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
1. Eligibility							
1.1	Nationality	Nationality in accordance with ITB 4.4	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments
1.2	Conflict of Interest	No conflicts of interest in accordance with ITB 4.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of Bid
1.3	Bank Eligibility	Not having been declared ineligible by the Bank, as described in ITB 4.5.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of Bid
1.4	State-owned enterprise or institution of the Borrower country	Meets conditions of ITB 4.6	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments
1.5	United Nations resolution or Borrower's country law	Not having been excluded as a result of prohibition in the Borrower's country laws or official regulations against commercial relations with the Bidder's country, or by an act of compliance with UN Security Council resolution, both in accordance	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		with ITB 4.8 and Section V.					
2. Historical Contract Non-Performance							
2.1	History of Non-Performing Contracts	Non-performance of a contract ⁵ did not occur as a result of contractor default since 1 st January since 1 st January 2021	Must meet requirement ^{7 & 8}	Must meet requirements	Must meet requirement ⁶	N/A	Form CON-2
2.2	Suspension Based on Execution of Bid/ Proposal Securing Declaration by the Employer	Not under suspension based on execution of a Bid/ Proposal Securing Declaration pursuant to ITB 4.7 and ITB 19.9	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of Bid
2.3	Pending Litigation	Bidder's financial position and prospective long-term profitability sound according to criteria established	Must meet requirement	N/A	Must meet requirement	N/A	Form CON – 2

⁵ Non-performance, as decided by the Employer, shall include all contracts where (a) non-performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Non-performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the Bidder have been exhausted.

⁶ This requirement also applies to contracts executed by the Bidder as JV member.

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		in 3.1 below and assuming that all pending litigation will be resolved against the Bidder					
2.4	Litigation History	No consistent history of court/arbitral award decisions against the Bidder ⁷ since 1st January 2021	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form CON – 2
2.5	Declaration: Environmental and Social (ES) past performance	Declare any civil work contracts that have been suspended or terminated and/or performance security called by an employer for reasons of breach of environmental, or social (including Sexual Exploitation, and Abuse) contractual	Must make the declaration. Where there are Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration.	N/A	Each must make the declaration. Where there are Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration.	N/A	Form CON-3 ES Performance Declaration

⁷ The Bidder shall provide accurate information on the Letter of Bid about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the last five years. A consistent history of court/arbitral awards against the Bidder or any member of a joint venture may result in disqualifying the Bidder.

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		obligations in the past five years ⁸ .					
2.6	Bank's SEA and/or SH Disqualification	At the time of Contract Award, not subject to disqualification by the Bank for non-compliance with SEA/ SH obligations	Must meet requirement (including each subcontractor proposed by the Bidder)	N/A	Must meet requirement (including each subcontractor proposed by the Bidder)	N/A	Letter of Bid, Form CON-4
		If the Bidder had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations, the Bidder shall either (i) provide evidence of an arbitral award on the disqualification made in its favour; or (ii) demonstrate that it has adequate capacity and commitment to comply with SEA/ SH prevention and response	Must meet requirement (including each subcontractor proposed by the Bidder)	N/A	Must meet requirement (including each subcontractor proposed by the Bidder)	N/A	Letter of Bid, Form CON-4

⁸ The Employer may use this information to seek further information or clarifications in carrying out its due diligence.

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		obligations; or (iii) provide evidence that it has already demonstrated such capacity and commitment on another Bank financed works contract.					
3. Financial Situation and Performance							

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
3.1	Financial Capabilities	(i) The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit ⁹ , and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as Rs. 1.5 crore for the subject contract(s) net of the Bidder's other commitments	Must meet requirement	Must meet Requirement	Must meet at least 25% of the requirement as a minimum	Must meet at least 50% of the requirement as a minimum	Form FIN – 3.1, with attachments
		(ii) The Bidders shall also demonstrate, to the satisfaction of the Employer, that it has adequate	Must meet requirement	Must meet requirement	N/A	N/A	

⁹ In case the bidder submits a letter of intent from a commercial bank with the bid, firm commitment from the bank to provide line of credit shall be required before contract signing.

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.					
		(iii) The audited balance sheets or, if not required by the laws of the Bidder's country, other financial statements acceptable to the Employer, for the last 3 years (upto 31 st March 2025) shall be submitted and must demonstrate the current soundness of the Bidder's financial position and indicate its prospective long-term profitability.	Must meet requirement	N/A	Must meet requirement	N/A	
<p>Note: The construction cash flow requirement should be for a number of months determined as the total time needed to pay contractor invoice by the employer. The cash flow should not normally exceed 3 months peak contract requirements and availability should be certified by Bank (Nationalized or Scheduled Bank in India) in form Fin 3.3</p>							

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
3.2	Average Annual Construction Turnover	Minimum average annual construction turnover of Rs 2.5 Crore (Two Crore fifty Lakh), calculated as total certified payments received for contracts in progress and/or completed within the last 3 (three) financial years, divided by three years.	Must meet requirement	Must meet requirement	Must meet 25%, (twenty five percent) of the requirement	Must meet 50%, (fifty percent) of the requirement	Form FIN – 3.2
<p>Note: The amount stated should normally not be less than twice the estimated annual turnover or cash flow in the proposed Works contract (based on a straight-line projection of the Employer's estimated cost, over the contract duration).</p>							
4. Experience							
4.1 (a)	General Construction Experience	Experience under construction contracts (indicate details of acceptable similar works) in the role of prime contractor, JV member, subcontractor, or management contractor for at least the last three	Must meet requirement	N/A	Must meet requirement	N/A	Form EXP – 4.1

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		years, starting 1 st January 2022 to 31 December 2024.					
4.2 (a)	Specific Construction & Contract Management Experience	(i) A minimum number of 3 similar contracts which includes Civil & Toilet Works, Interior Work, Electrical Work, Furniture Work, Fire Alarm Work, VRV Air Conditioning Work, IP Telephony Works, CCTV Works, Networking & WiFi Works, Automation Works, Video	Must meet requirement	Must meet requirement ¹²	Must meet the requirement for one contract of 25% value	Must meet the requirement for one contract of 50% value	Form EXP 4.2(a)

¹² In the case of JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by each member shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by all members each of value equal or more than the minimum value required shall be aggregated.

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture where permitted(Joint Venture not allowed)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		<p>Conferencing Works, PA System Works, and Display Works specified below that have been satisfactorily and substantially (80% above)¹⁰ completed as a prime contractor, joint venture member¹¹, management contractor or sub-contractor¹¹ between 1st January 2021 and bid submission deadline:</p> <p>(i) 3 contracts, each of minimum value 1.5 crore;</p>					

¹⁰ Substantial completion shall be based on 80% or more works completed under the contract.

¹¹ For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder's share, by value, shall be considered to meet this requirement.

2. 3. Key Personnel

The Bidder must demonstrate that it will have a suitably qualified (and in adequate numbers) minimum Key Personnel, as described in the table below, that are required to perform the Contract.

The Bidder shall provide details of the Key Personnel and such other Key Personnel that the Bidder considers appropriate, together with their academic qualifications and work experience. The Bidder shall complete the relevant Forms in Section IV, Bidding Forms.

The Contractor shall require the Employer's consent to substitute or replace the Key Personnel (reference the Particular Conditions of Contract 9.1).

Key Personnel

Item No.	Position/specialization	Relevant academic qualifications	Minimum years of relevant work experience
1	<p>Project Manager</p> <p>- Having experience of managing refurbishment contract – which includes – Civil & Toilet Works, Interior Work, Electrical Work, Furniture Work, Fire Alarm Work, VRV Air Conditioning Work, IP Telephony Works, CCTV Works, Networking & WiFi Works, Automation Works, Video Conferencing Works, PA System Works, and Display Works</p> <p>Also has an experience having projects with Environment, Health and Safety Engineer and Occupational Health and Safety.</p>	B.E. Civil Engineering / electrical engineering or similar qualification	7 Years
2	<p>Work Manager</p> <p>- Having experience of managing refurbishment contract – which includes – Civil & Toilet Works, Interior Work, Electrical Work, Furniture Work, Fire Alarm Work, VRV Air Conditioning Work, IP Telephony Works, CCTV Works, Networking & WiFi Works, Automation Works, Video Conferencing Works, PA System Works, and Display Works</p>	B.E. Civil Engineering/ electrical engineering or similar qualification	5 years

3. Equipment

The Bidder must demonstrate that it will have access to the key Contractor's equipment required for refurbishment works. The Bidder shall provide further details of proposed items of equipment using the relevant Form in Section IV.

Section IV - Bidding Forms

Letter of Bid – Technical Part

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

The Bidder must prepare this Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and business address.

Note: All italicized text is to help Bidders in preparing this form.

Date of this Bid submission: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of RFB process]*

Alternative No¹: *[insert identification No. if this is a Bid for an alternative]*

To: *[insert complete name of Employer]*

We, the undersigned, hereby submit our Bid, in two parts, namely:

- (a) the Technical Part, and
- (b) the Financial Part

In submitting our Bid, we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including Addenda issued in accordance with ITB 8;
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Bid-Securing Declaration:** We have not been suspended nor declared ineligible by the Employer based on execution of a Bid-Securing Declaration or Proposal-Securing Declaration in the Employer's Country in accordance with ITB 4.7;
- (d) **Exploitation and Abuse (SEA) and/or Sexual Harassment (SH):** *[select the appropriate option from (i) to (v) below and delete the others].*

We *[where JV, insert: "including any of our JV members"]*, and any of our subcontractors:

- i. *[have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*
- ii. *[are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*

¹ Delete if not applicable

-
- iii. [had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.]
 - iv. [had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have subsequently provided and demonstrated that we have adequate capacity and commitment to comply with SEA and SH prevention and response obligations.]
 - v. [had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have attached documents demonstrating that we have adequate capacity and commitment to comply with SEA and SH prevention and response obligations.]
- (e) **Conformity:** We offer to execute in conformity with the bidding document the following Works: [insert a brief description of the Works]_____
 - (f) **Bid Validity Period:** Our Bid shall be valid for a period specified in BDS ITB 18.1 (or as amended if applicable) from the date fixed for the Bid submission deadline specified in BDS 22.1 (or as amended if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
 - (g) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security [*and an Environmental and Social (ES) Performance Security, Delete if not applicable*] in accordance with the bidding document;
 - (h) **One Bid Per Bidder:** We are not submitting any other Bid(s) as an individual Bidder or as a subcontractor, and we are not participating in any other Bid(s) as a Joint Venture member, and meet the requirements of ITB 4.3, other than alternative Bids submitted in accordance with ITB 13;
 - (i) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Employer's Country laws or official regulations or pursuant to a decision of the United Nations Security Council;
 - (j) **State-owned enterprise or institution:** We are not a state-owned enterprise or institution/ We are a state-owned enterprise or institution but meet the requirements of ITB 4.6²;
 - (k) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;

² Use one of the two options as appropriate

- (l) **Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, the Most Advantageous Bid or any other Bid that you may receive;
- (m) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption; and
- (n) **Adjudicator:** We accept the appointment of *[insert name proposed in Bid Data Sheet]* as the Adjudicator.

[or]

We do not accept the appointment of *[insert name proposed in Bid Data Sheet]* as the Adjudicator, and propose instead that *[insert name]* be appointed³ as Adjudicator, whose daily fees and biographical data are attached.

Name of the Bidder: **[insert complete name of person signing the Bid]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: ***[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

** : Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid

³ In case appointment of Adjudicator was proposed from the list provided by an Institution in ITB 51, the replacement should also be proposed from the list of same institution.

Technical Proposal

Technical Proposal Forms

- **Key Personnel Schedule**
- **Equipment**
- **Site Organization**
- **Method Statement**
- **Mobilization Schedule**
- **Construction Schedule**
- **ES Management Strategies and Implementation Plans**
- **Code of Conduct for Contractor's Personnel (ES)**
- **Sub-contracting elements or works which in aggregate adds to more than 10% of Bid price (*for each the qualifications and experiences on the identified subcontractor in the relevant field should be given*) - **Not Allowed****
- **Others**
- **Bidder's Qualification**
- **Form of Bid Security - Bank Guarantee**
- **Form of Bid-Securing Declaration**

Appendix to Technical Part: Personnel

Forms for Personnel

Form PER – 1: Key Personnel Schedule

Bidders should provide the names and details of the suitably qualified Key Personnel to perform the Contract. The data on their experience should be supplied using the Form PER-2 below for each candidate.

Key Personnel

1.	Title of position:	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
2.	Title of position: <i>[Environmental Specialist]</i> <i>[Include as required]</i>	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
3.	Title of position: <i>[Health and Safety Specialist]</i> <i>[Include as required]</i>	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>

4.	Title of position: <i>[Social Specialist]</i> <i>[Include as required]</i>	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
5.	Title of position: Sexual Exploitation, Abuse and Harassment Expert <i>[Where a Project SEA risks are assessed to be substantial or high, Key Personnel shall include an expert with relevant experience in addressing sexual exploitation, sexual abuse and sexual harassment cases]</i>	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
6.	Title of position: Cyber security Expert/s <i>[If the contract has been assessed to present cyber security risks (reference GCC66.1), the Bidder must be required to include Cyber security expert/s among the Key Personnel.</i>	
	Name of candidate	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
7.	Title of position:	
	Name of candidate	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>

Appendix to Technical Part

Form PER-2:

Resume and Declaration

Key Personnel

Name of Bidder

Position [#1]: <i>[title of position from Form PER-1]</i>											
Personnel information	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Name:</td> <td style="width: 50%; padding: 5px;">Date of birth:</td> </tr> <tr> <td style="padding: 5px;">Address:</td> <td style="padding: 5px;">E-mail:</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Professional qualifications:</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Academic qualifications:</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Language proficiency: <i>[language and levels of speaking, reading and writing skills]</i></td> </tr> </table>	Name:	Date of birth:	Address:	E-mail:	Professional qualifications:		Academic qualifications:		Language proficiency: <i>[language and levels of speaking, reading and writing skills]</i>	
Name:	Date of birth:										
Address:	E-mail:										
Professional qualifications:											
Academic qualifications:											
Language proficiency: <i>[language and levels of speaking, reading and writing skills]</i>											
details	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 5px;">Address of employer:</td> </tr> <tr> <td style="width: 50%; padding: 5px;">Telephone:</td> <td style="width: 50%; padding: 5px;">Contact (manager / personnel officer):</td> </tr> <tr> <td style="padding: 5px;">Fax:</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Job title:</td> <td style="padding: 5px;">Years with present employer:</td> </tr> </table>	Address of employer:		Telephone:	Contact (manager / personnel officer):	Fax:		Job title:	Years with present employer:		
Address of employer:											
Telephone:	Contact (manager / personnel officer):										
Fax:											
Job title:	Years with present employer:										

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

Project	Role	Duration of involvement [From - To]	Relevant experience

<i>[main project details]</i>	<i>[role and responsibilities on the project]</i>	<i>[time in role]</i>	<i>[describe the experience relevant to this position]</i>

Declaration

I, the undersigned Key Personnel, certify that to the best of my knowledge and belief, the information contained in this Form PER-2 correctly describes myself, my qualifications and my experience.

I confirm that I am available as certified in the following table and throughout the expected time schedule for this position as provided in the Bid:

Commitment	Details
Commitment to duration of contract:	<i>[insert period (start and end dates) for which this Key Personnel is available to work on this contract]</i>
Time commitment:	<i>[insert the number of days/week/months/ that this Key Personnel will be engaged]</i>

I understand that any misrepresentation or omission in this Form may:

- (a) be taken into consideration during Bid evaluation;
- (b) result in my disqualification from participating in the Bid;
- (c) result in my dismissal from the contract.

Name of Key Personnel: *[insert name]*

Signature: _____

Date: (day month year): _____

Countersignature of authorized representative of the Bidder:

Signature: _____

Date: (day month year): _____

Appendix to Technical Part: Equipment

Forms for Equipment

The Bidder shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section III (Evaluation and Qualification Criteria). A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder. The Bidder shall provide all the information requested below, to the extent possible. Fields with asterisk (*) shall be used for evaluation.

Type of Equipment*		
Equipment Information	Name of manufacturer,	Model and power rating
	Capacity*	Year of manufacture*
Current Status	Current location	
	Details of current commitments	
Source	Indicate source of the equipment <input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured	

The following information shall be provided only for equipment not owned by the Bidder.

Owner	Name of owner	
	Address of owner	
	Telephone	Contact name and title
	Fax	Telex
Agreements	Details of rental / lease / manufacture agreements specific to the project	

Appendix to Technical Part

Site Organization

[insert Site Organization information]

Appendix to Technical Part

Method Statement

[insert method Statement – A detailed note should be submitted outlining bidders proposed methodology and program of construction including Contractor’s Environmental and Social, Health Management Strategies and Implementation Plans (ES-MSIP), backed with equipment, materials and manpower planning and deployment, duly supported with broad calculations and quality control system/assurance procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.

If the contract has been assessed to present cyber security risks (reference GCC66.1), the method statement must also include method statement to manage cyber security risks. Further, if there is assessed supply chain risk, the method statement must include method statement to manage supply chain risks.]

Appendix to Technical Part

Mobilization Schedule

[insert Mobilization Schedule]

In accordance with the Particular Conditions, Sub-Clause 16.2, the Contractor shall not carry out mobilization to Site unless the Project manager gives consent that appropriate measures are in place to address environmental and social risks and impacts, which as a minimum shall include applying the Management Strategies and Implementation Plans (MSIPs) and Code of Conduct for Contractor's Personnel, submitted as part of the Bid and agreed as part of the Contract.

Appendix to Technical Part

Construction Schedule

[insert Construction Schedule]

The construction schedule shall include the following key milestone - No-objection to the Code of Conduct for Contractor's Personnel and Contractor's MSIPs, which collectively form the C-ESMP, in accordance with the Particular Conditions of Contract Sub-Clause 16.2.

Appendix to Technical Part
Environmental and Social, Health Management Strategies and
Implementation Plans

(ES-MSIP)

The Bidder shall submit comprehensive and concise Environmental and Social Management Strategies and Implementation Plans (ES-MSIP) as required by ITB 11.2 (j) of the Bid Data Sheet. These strategies and plans shall describe in detail the actions, materials, equipment, management processes etc. that will be implemented by the Contractor, and its subcontractors.

In developing these strategies and plans, the Bidder shall have regard to the ES provisions of the contract including those as may be more fully described in the Works Requirements in Section VII.

Appendix to Technical Part

Code of Conduct for Contractor’s Personnel (ES) Form

Note to the Employer:

The following minimum requirements shall not be modified. The Employer may add additional requirements to address identified issues, informed by relevant environmental and social assessment.

The types of issues identified could include risks associated with: labour influx, spread of communicable diseases, and Sexual Exploitation and Abuse (SEA), Sexual Harassment (SH) etc.

Delete this Box prior to issuance of the bidding document.

Note to the Bidder:

The minimum content of the Code of Conduct form as set out by the Employer shall not be substantially modified. However, the Bidder may add requirements as appropriate, including to take into account Contract-specific issues/risks.

The Bidder shall initial and submit the Code of Conduct form as part of its bid.

CODE OF CONDUCT FOR CONTRACTOR’S PERSONNEL

We are the Contractor, [enter name of Contractor]. We have signed a contract with [enter name of Employer] for [enter description of the Works]. These Works will be carried out at [enter the Site and other locations where the Works will be carried out]. Our contract requires us to implement measures to address environmental and social risks related to the Works, including the risks of sexual exploitation, sexual abuse and sexual harassment.

This Code of Conduct is part of our measures to deal with environmental and social risks related to the Works. It applies to all our staff, laborers and other employees at the Works Site or other places where the Works are being carried out. It also applies to the personnel of each subcontractor and any other personnel assisting us in the execution of the Works. All such persons are referred to as “**Contractor’s Personnel**” and are subject to this Code of Conduct.

This Code of Conduct identifies the behavior that we require from all Contractor’s Personnel.

Our workplace is an environment where unsafe, offensive, abusive or violent behavior will not be tolerated and where all persons should feel comfortable raising issues or concerns without fear of retaliation.

REQUIRED CONDUCT

Contractor’s Personnel shall:

1. carry out his/her duties competently and diligently;
2. comply with this Code of Conduct and all applicable laws, regulations and other requirements, including requirements to protect the health, safety and well-being of other Contractor's Personnel and any other person;
3. maintain a safe working environment including by:
 - a. ensuring that workplaces, machinery, equipment and processes under each person's control are safe and without risk to health;
 - b. wearing required personal protective equipment;
 - c. using appropriate measures relating to chemical, physical and biological substances and agents; and
 - d. following applicable emergency operating procedures.
4. report work situations that he/she believes are not safe or healthy and remove himself/herself from a work situation which he/she reasonably believes presents an imminent and serious danger to his/her life or health;
5. treat other people with respect, and not discriminate against specific groups such as women, people with disabilities, migrant workers or children;
6. not engage in Sexual Harassment, which means unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature with other Contractor's or Employer's Personnel;
7. not engage in Sexual Exploitation, which means any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;
8. not engage in Sexual Abuse, which means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions;
9. not engage in any form of sexual activity with individuals under the age of 18, except in case of pre-existing marriage;
10. complete relevant training courses that will be provided related to the environmental and social aspects of the Contract, including on health and safety matters, and Sexual Exploitation, and Abuse (SEA) and Sexual Harassment (SH);
11. report violations of this Code of Conduct; and
12. not retaliate against any person who reports violations of this Code of Conduct, whether to us or the Employer, or who makes use of the grievance mechanism for Contractor's Personnel or the project's Grievance Redress Mechanism.

RAISING CONCERNS

If any person observes behavior that he/she believes may represent a violation of this Code of Conduct, or that otherwise concerns him/her, he/she should raise the issue promptly. This can be done in either of the following ways:

1. Contact [enter name of the Contractor's Social Expert with relevant experience in handling gender-based violence, or if such person is not required under the Contract, another individual designated by the Contractor to handle these matters] in writing at this address [] or by telephone at [] or in person at []; or
2. Call [] to reach the Contractor's hotline (if any) and leave a message.

The person's identity will be kept confidential, unless reporting of allegations is mandated by the country law. Anonymous complaints or allegations may also be submitted and will be given all due and appropriate consideration. We take seriously all reports of possible misconduct and will investigate and take appropriate action. We will provide warm referrals to service providers that may help support the person who experienced the alleged incident, as appropriate.

There will be no retaliation against any person who raises a concern in good faith about any behavior prohibited by this Code of Conduct. Such retaliation would be a violation of this Code of Conduct.

CONSEQUENCES OF VIOLATING THE CODE OF CONDUCT

Any violation of this Code of Conduct by Contractor's Personnel may result in serious consequences, up to and including termination and possible referral to legal authorities.

FOR CONTRACTOR'S PERSONNEL:

I have received a copy of this Code of Conduct written in a language that I comprehend. I understand that if I have any questions about this Code of Conduct, I can contact [enter name of Contractor's contact person with relevant experience] requesting an explanation.

Name of Contractor's Personnel: [insert name]

Signature: _____

Date: (day month year): _____

Countersignature of authorized representative of the Contractor:

Signature: _____

Date: (day month year): _____

ATTACHMENT 1: Behaviors constituting Sexual Exploitation and Abuse (SEA) and behaviors constituting Sexual Harassment (SH)

ATTACHMENT 1 TO THE CODE OF CONDUCT FORM
BEHAVIORS CONSTITUTING SEXUAL EXPLOITATION AND ABUSE (SEA) AND
BEHAVIORS CONSTITUTING SEXUAL HARASSMENT (SH)

The following non-exhaustive list is intended to illustrate types of prohibited behaviors:

(1) **Examples of sexual exploitation and abuse** include, but are not limited to:

- A Contractor's Personnel tells a member of the community that he/she can get them jobs related to the work site (e.g. cooking and cleaning) in exchange for sex.
- A Contractor's Personnel that is connecting electricity input to households says that he can connect women headed households to the grid in exchange for sex.
- A Contractor's Personnel rapes, or otherwise sexually assaults a member of the community.
- A Contractor's Personnel denies a person access to the Site unless he/she performs a sexual favor.
- A Contractor's Personnel tells a person applying for employment under the Contract that he/she will only hire him/her if he/she has sex with him/her.

(2) **Examples of sexual harassment in a work context**

- Contractor's Personnel comment on the appearance of another Contractor's Personnel (either positive or negative) and sexual desirability.
- When a Contractor's Personnel complains about comments made by another Contractor's Personnel on his/her appearance, the other Contractor's Personnel comment that he/she is "asking for it" because of how he/she dresses.
- Unwelcome touching of a Contractor's or Employer's Personnel by another Contractor's Personnel.
- A Contractor's Personnel tells another Contractor's Personnel that he/she will get him/her a salary raise, or promotion if he/she sends him/her naked photographs of himself/herself.

Others

Appendix to Technical Part
Sub-Contracting
Not allowed

SCHEDULE OF SUBCONTRACTORS

Item	Element of work	% of bid price	Name and address of sub-contractor	Qualification and experience of sub-contractor on similar works of the elements executed
Sub contracting Not allowed				

The Bidder shall enter in this schedule a list of the major sections and appropriate value of the work for which he proposed to use subcontractors *[for those costing more than 10% of the bid price for each element]*, together with the names, addresses and experiences of the proposed subcontractors.

The capability of the sub-contractor will also be assessed (on the same lines as for the main Contractor) before according approval to him.

(Work should not be split into small parts and sub-contracted; but sub-contracting specialized elements of works is acceptable).

Appendix to Technical Part
Others

Appendix to Technical Part

Bidder's Qualification

To establish its qualifications to perform the contract in accordance with Section III (Evaluation and Qualification Criteria) the Bidder shall provide the information requested in the corresponding Information Sheets included hereunder

Appendix to Technical Part

Form ELI -1.1: Bidder Information Form

Date: _____
RFB No. and title: _____
Page _____ of _____ pages

Bidder's legal name
In case of Joint Venture (JV), legal name of each member:
Bidder's actual or intended country of registration: <i>[indicate country of Constitution]</i>
Bidder's actual or intended year of incorporation:
Bidder's legal address [in country of registration]:
<p>Bidder's authorized representative information</p> Name: _____ Address: _____ Telephone/Fax numbers: _____ E-mail address: _____
<p>1. Attached are copies of original documents of</p> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> Authorization to represent the firm or JV named in above, in accordance with ITB 20. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • Establishing that the Bidder is not under the supervision of the Employer <p>2. Included are the organizational chart, and a list of Board of Directors.</p>

Appendix to Technical Part

Form ELI -1.2: Information Form for JV Bidders

(Where permitted as per BDS ITB 4.1)
(to be completed for each member of Joint Venture)

Date: _____
RFB No. and title: _____
Page _____ of _____ pages

JV Information
Bidder's Joint Venture legal name:
JV member's legal name:
JV member's country of registration:
JV member's year of constitution:
JV member's legal address in country of constitution:
JV member's authorized representative information Name: _____ Address: _____ Telephone/Fax numbers: _____ E-mail address: _____
1. Attached are copies of original documents of <ul style="list-style-type: none"> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> Authorization to represent the firm or JV named in above, in accordance with ITB 20. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and is not under the supervision of the Employer, in accordance with ITB 4.6. 2. Included are the organizational chart, and a list of Board of Directors.

Appendix to Technical Part

Form ELI -1.2 A

Specialized Subcontractor's Information Form

(to be completed for each Specialized Subcontractor)

Date: _____

RFB No. and title: _____

Page _____ of _____ pages

Bidder's legal name:

Specialized Subcontractor's legal name:
Specialized Subcontractor's country of registration:
Specialized Subcontractor's year of constitution:
Specialized Subcontractor's legal address in country of constitution:
Specialized Subcontractor's authorized representative information Name: _____ Address: _____ Telephone/Fax numbers: _____ E-mail address: _____
Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> Authorization to represent the Specialized Subcontractor.

Appendix to Technical Part

DETAILS OF PARTICIPATION IN THE JOINT VENTURE

PARTICIPATION DETAILS	FIRM 'A' (Lead Member)	FIRM 'B'	FIRM 'C'
Financial			
Name of the Banker(s)			
Planning			
Construction Equipment			
Key Personnel			
Execution of Work (Give details on proposed contribution of each)			

The Joint Venture should indicate the details of participation as above.

Appendix to Technical Part

Form CON – 2: Historical Contract Non-Performance, Pending Litigation and Litigation History

[to be completed for the Bidder and for each member of a Joint Venture]

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

RFB No. and title: _____

Page _____ of _____ pages

Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (Rs.)
Non-Performed Contracts in accordance with Section III, Evaluation and Qualification Criteria			
<input type="checkbox"/> Contract non-performance did not occur since 1 st January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, Sub-Factor 2.1.			
<input type="checkbox"/> Contract(s) not performed since 1 st January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, requirement 2.1			
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for non-performance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
Pending Litigation, in accordance with Section III, Evaluation and Qualification Criteria			
<input type="checkbox"/> No pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3.			
<input type="checkbox"/> Pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3 as indicated below.			

Year of dispute	Amount in dispute (Rs.)	Contract Identification	Total Contract Amount (Rs.)
<i>[insert year]</i>	<i>[insert amount]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i> Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i>	<i>[insert amount]</i>
<i>[insert year]</i>	<i>[insert amount]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i> Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i>	<i>[insert amount]</i>
Litigation History in accordance with Section III, Evaluation and Qualification Criteria <input type="checkbox"/> No Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4. <input type="checkbox"/> Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4 as indicated below.			
Year of award	Outcome as percentage of Net Worth	Contract Identification	Total Contract Amount (Rs.)

<i>[insert year]</i>	<i>[insert percentage]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i> Reason(s) for Litigation and award decision <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
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Appendix to Technical Part

Form CON – 3: Environmental and Social (ES) Performance Declaration

[The following table shall be filled in for the Bidder, each member of a Joint Venture and each Specialized Subcontractor]

Bidder's Name: _____ *[insert full name]*
 Date: _____ *[insert day, month, year]*
 Joint Venture Member's or Specialized Subcontractor's Name: _____ *[insert full name]*
 RFB No. and title: _____ *[insert RFB number and title]*
 Page _____ *[insert page number]* of _____ *[insert total number]* pages

Environmental and Social Performance Declaration in accordance with Section III, Qualification Criteria, and Requirements			
<input type="checkbox"/> No suspension or termination of contract: An employer has not suspended or terminated a contract and/or called the performance security for a contract for reasons related to Environmental or Social (ES) performance since the date specified in Section III, Qualification Criteria, and Requirements, Sub-Factor 2.5.			
<input type="checkbox"/> Declaration of suspension or termination of contract: The following contract(s) has/have been suspended or terminated and/or Performance Security called by an employer(s) for reasons related to Environmental or Social (ES) performance since the date specified in Section III, Qualification Criteria, and Requirements, Sub-Factor 2.5. Details are described below:			
Year	Suspended or terminated portion of contract	Contract Identification	Total Contract Amount (Rs.)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s) e.g. for gender-based violence; sexual exploitation or sexual abuse breaches]</i>	<i>[insert amount]</i>
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i>	<i>[insert amount]</i>

		Reason(s) for suspension or termination: <i>[indicate main reason(s)]</i>	
...	...	<i>[list all applicable contracts]</i>	...
Performance Security called by an employer(s) for reasons related to ES performance			
Year	Contract Identification		Total Contract Amount (Rs.)
<i>[insert year]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for calling of performance security: <i>[indicate main reason(s) e.g. for gender-based violence; sexual exploitation or sexual abuse breaches]</i>		<i>[insert amount]</i>

Appendix to Technical Part
Form CON – 4
Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment
Performance Declaration

[The following table shall be filled in by the Bidder, each member of a Joint Venture and each subcontractor proposed by the Bidder]

Bidder's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's or Subcontractor's Name: *[insert full name]*

RFB No. and title: *[insert RFB number and title]*

Page *[insert page number]* of *[insert total number]* pages

SEA and/or SH Declaration in accordance with Section III, Evaluation and Qualification Criteria
<p>We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.</p> <p><input type="checkbox"/> (d) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have subsequently demonstrated that we have adequate capacity and commitment to comply with SEA/ SH obligations.</p> <p><input type="checkbox"/> (e) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have attached evidence demonstrating that we have adequate capacity and commitment to comply with SEA/ SH obligations.</p>
<i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i>
<i>[If (d) or (e) above are applicable, provide the following information:]</i>
Period of disqualification: From: _____ To: _____
If previously provided on another Bank financed works contract, details of evidence that demonstrated adequate capacity and commitment to comply with SEA/ SH obligations (as per (d) above) <p style="margin-left: 40px;">Name of Employer: _____</p> <p style="margin-left: 40px;">Name of Project: _____</p> <p style="margin-left: 40px;">Contract description: _____</p> <p style="margin-left: 40px;">Brief summary of evidence provided: _____</p>

Contact Information: (Tel, email, name of contact person): _____

As an alternative to the evidence under (d), other evidence demonstrating adequate capacity and commitment to comply with SEA/ SH obligations (**as per (e) above**) [*attach details as appropriate*].

Appendix to Technical Part

Form CCC: Current Contract Commitments / Works in Progress

Bidders and each member of a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

(A) Existing commitments and on-going works:

Description of Work	Place & State	Contract No. & Date	Name and Address of Employer	Value of Contract (Rs. equivalent in million) (excluding taxes)	Stipulated period of completion	Value of works ¹ remaining to be completed (Rs. equivalent in million) (excluding taxes)	Anticipated date of completion	Average Monthly Invoicing Over Last Six Months (Rs. / month) Equivalent in millions) (excluding taxes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

¹ Attach certificate(s) from the Engineer(s)-in-Charge.

(B) Works for which bids already submitted and likely to be awarded – expected additional commitment.

Description of Work	Place & State	Name and Address of Employer	Estimated value of Works (Rs. equivalent in million) (excluding taxes)	Stipulated period of completion	Date when decision is expected	Remarks, if any
(1)	(2)	(3)	(4)	(5)	(6)	(7)

Appendix to Technical Part

Form FIN – 3.1: Financial Situation and Performance

[To be completed by the Bidder and by each member of a Joint Venture]

Bidder's Legal Name: _____

Date: _____

Joint Venture Member's Legal Name _____

RFB No. and title: _____

Page _____ of _____ pages

1. Financial data

Type of Financial information in (Rs.)	Historic information for previous _____ years, (amount in Rs.)				
	Year 1	Year 2	Year 3	Year 4	Year 5
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)					
Total Liabilities (TL)					
Total Equity/Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Cash Flow Information					
Cash Flow from Operating Activities					
<p>This information should be extracted from the Annual Financial Statements/ Balance sheets, which should be enclosed. Year 1 will be the latest year for which audited financial statements are available. Year 2 shall be the year immediately preceding year 1 and year 3 shall be the year immediately preceding Year 2.</p>					

2. Sources of Finance

Specify sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.

No.	Source of finance	Amount (Rs.)
1		
2		
3		

3. Financial documents

The Bidder and its parties shall provide copies of financial statements for _____ years pursuant Section III, Evaluation and Qualifications Criteria, Sub-factor 3.2. The financial statements shall:

- (a) reflect the financial situation of the Bidder or in case of JV member, and not an affiliated entity (such as parent company or group member).
 - (b) be independently audited or certified in accordance with local legislation. In case of Indian bidders, the financial statements shall be audited by a certified chartered accountant.
 - (c) be complete, including all notes to the financial statements.
 - (d) correspond to accounting periods already completed and audited.
- Attached are copies of financial statements¹⁷ (balance sheets, including all related notes, and income statements) for the _____ years required above; and complying with the requirements

¹⁷ If the most recent set of financial statements is for a period earlier than 12 months from the date of bid, the reason for this should be justified.

Appendix to Technical Part

Form FIN - 3.2: Average Annual Construction Turnover

[To be completed by the Bidder and by each member of a Joint Venture]

Bidder's Legal Name: _____

Date: _____

Joint Venture Member's Legal Name _____

RFB No. and title: _____

Page _____ of _____ pages

Annual turnover data (construction only)	
Year	Amount in Rs.
<i>[indicate year]</i>	<i>[insert amount]</i>
Average Annual Construction Turnover *	

- * See Section III, Evaluation and Qualification Criteria, Sub-Factor 3.2. Annual construction turnover calculated as total certified payments received for work in progress or completed, for 5 years. This should be certified by a Chartered Accountant.

Appendix to Technical Part
JOINT VENTURE
Not allowed

Names of all members of a joint venture
1. Member in charge
2. Member
3. Member

Total value of annual construction turnover, in terms of work billed to clients, in Rupees
Annual Turnover Data (construction only; in Rs. *)

Member	Form 3.2 page no.	Year 1	Year 2	Year 3	Year 4	Year 5	Average
1. Member in charge							
2. Member							
3. Member							
TOTALS							

*** To be certified by a chartered accountant**

Name and address of Bankers to the Joint Venture

Provide details regarding financial responsibility and participation (percentage share in the total) of each firm in the Joint Venture. Attach a Memorandum of Understanding for the Proposed Agreement of joint Venture which should lay down responsibility regarding work and financial arrangements in respect of each of the firm in the Joint Venture (Refer also ITB Clause 4.1).

Appendix to Technical Part

Form FIN - 3.3: Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as specified in Section III, Evaluation and Qualification Criteria.

Source of financing	Amount (Rs.)
1.	
2.	
3.	
4.	

FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF CASH FLOW

[To be given from a Nationalized or Scheduled Bank in India]

Clause 3.1(ii) of Section III – Qualification Criteria

(1) AVAILABILITY OF CASH FLOW (WORKING CAPITAL)

This is to certify that M/s. _____ is a reputed company with a good financial standing.

If the contract for the works, namely _____ [funded by the World Bank] is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs. equivalent _____ to meet their capital requirements for executing the above contract.

-- Sd. --

Name of Bank Manager

Senior Bank Manager

Address of the Bank

*** Change the text as follows for Joint venture:**

This is to certify that M/s. who has formed a JV with M/s. and M/s. for participating in this bid, is a reputed company with a good financial standing.

If the contract for the work, namely [funded by the World Bank] is awarded to the above Joint Venture, we shall be able to provide overdraft/credit facilities to the extent of Rs. to meet the working capital requirements for executing the above contract.

[This should be given by the JV members in proportion to their financial participation.]

Appendix to Technical Part

Form EXP - 4.1: General Construction Experience

[The following table shall be filled in for the Bidder and for each member of a Joint Venture]

Bidder's Legal Name: _____
 Date: _____
 Joint Venture Member's Legal Name _____
 RFB No. and title: _____
 Page _____ of _____ pages

[Identify contracts that demonstrate continuous construction work over the past [5] years pursuant to Section III, Qualification Criteria and Requirements, Sub-Factor 4.1. List contracts chronologically, according to their commencement (starting) dates.]

Starting Month/Year	Ending Month/Year	Contract Identification	Role of Bidder <i>[“Contractor” or “JV Member” or “Subcontractor” or “Contract”]</i>
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of Employer: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of Employer: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of Employer: _____ Address: _____	

Appendix to Technical Part

Form EXP - 4.2(a): Specific Construction and Contract Management Experience

[The following table shall be filled in for contracts performed by the Bidder, each member of a Joint Venture, and specialist sub-contractors]

Bidder's Legal Name: _____

Date: _____

Joint Venture Member's Legal Name _____

RFB No. and title: _____

Page _____ of _____ pages

Work performed as prime Contractor or JV Member or Sub-Contractor or Management Contractor (in the same name and style) on construction works of a similar nature and volume over the last five years¹⁸. *[Attach certificate from the Engineer-in-charge.]*

Similar Contract No.	Information			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub- contractor <input type="checkbox"/>
Total Contract Amount	Rs. *			
If member in a JV or subcontractor, specify participation in total Contract amount			*	
Employer's Name:				
Address:				
Telephone/fax number				
E-mail:				

¹⁸ Immediately preceding the financial year in which bids are received.

Appendix to Technical Part
Form EXP - 4.2(a) (cont.)
Specific Construction and Contract Management Experience (cont.)

Similar Contract No.	Information
Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III:	
1. Amount	
2. Physical size of required works items	
3. Complexity	
4. Methods/Technology	
5. Construction rate for key activities	
6. Other Characteristics	

Appendix to Technical Part

Form EXP - 4.2(b): Construction Experience in Key Activities

Bidder's Legal Name: _____

Date: _____

Joint Venture Member's Legal Name _____

Subcontractor's Legal Name¹⁹ (as per ITB 33.2 and 33.3): _____

RFB No. and title: _____

Page _____ of _____ pages

Subcontractor's Name (as per ITB 33.2 and 33.3): _____

All subcontractors for key activities must complete the information in this form as per ITB 33.2 and 33.3 and Section III, Qualification Criteria and Requirements, Sub-Factor 4.2.

1. Key Activity No One: _____

Information				
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub- contractor <input type="checkbox"/>
Total Contract Amount	Rs.			
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year in the last 5 years	Total quantity in the contract (i)	Percentage participation (ii)	Actual Quantity Performed (i) x (ii)	
Year 1				
Year 2				
Year 3				
Year 4				
Year 5				

Information	
Employer's Name ²⁰ :	

¹⁹ If applicable.

²⁰ Attach certificate from the Engineer-in-charge

Address: Telephone/fax number E-mail:	
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2. Activity No. Two

3.

	Information
Description of the key activities in accordance with Sub-Factor 4.2(b) of Section III:	

Appendix to Technical Part

Form EXP - 4.2(c)

Specific Experience in Managing ES aspects

[The following table shall be filled in for contracts performed by the Bidder, and each member of a Joint Venture]

Bidder's Name: _____

Date: _____

Bidder's JV Member Name: _____

RFB No. and title: _____

Page _____ of _____ pages

1. Key Requirement no 1 in accordance with 4.2 (c): _____

Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Subcontractor <input type="checkbox"/>
Total Contract Amount			Rs.	
Details of relevant experience				

2. Key Requirement no 2 in accordance with 4.2 (c): _____

3. Key Requirement no 3 in accordance with 4.2 (c): _____

...

Appendix to Technical Part

Form.....

(Name of the Project)

(Declaration regarding tax/duty exemption for materials/construction equipment bought for the work)

(Bidder's Name and Address)

To:
(Name of the Employer & address)

Dear Sir:

Re: [Name of Work]

Certificate for Import/Procurement of Goods/Construction Equipment
Government Order/Circular Number under which tax/duty Exemption is being sought: ...

1. We confirm that we are solely responsible for obtaining tax/duty waivers which we have considered in our bid and in case of failure to receive such waivers for reasons whatsoever, the employer will not compensate us.
2. We are furnishing below the information required by the Employer for issue of the necessary certificates in terms of the Government of India's relevant Notifications.
3. The goods/construction equipment for which certificates are required are as under:

Items (modify the list suitably for each specific work)*	Make/ Brand Name	Capacity [where applicable]	Quantity	Value	State whether it will be procured locally or imported [if so from which country]	Remarks regarding justification for the quantity and their usage in works.
Goods						
[a] Bitumen						
[b] Cement						
[c] Steel						
Construction Equipment						

4. We agree that no modification to the above list is permitted after bids are opened.
5. We agree that the certificate will be issued only to the extent considered reasonable by the Employer for the work, based on the Bill of Quantities and the construction program and methodology as furnished by us along with the bid.

6. We confirm that the above goods and construction equipment will be exclusively used for the construction of the above work and the construction equipment will not be sold or otherwise disposed of in any manner for a period of five years from the date of acquisition.

Date: _____

(Signature) _____

Place: _____

(Printed Name) _____

(Designation) _____

(Common Seal) _____

[This certificate will be issued within 60 days of signing of contract and no subsequent changes will be permitted.]

** Modify the above to suit the requirements given in Government of India's Notifications as current of date of bidding.*

Appendix to Technical Part: Bid Security

Form of Bid Security - Bank Guarantee

[Guarantor letterhead or SWIFT identifier code]

Bank Guarantee No..... [insert guarantee reference number]

Date..... [insert date of issue of the guarantee]

WHEREAS, _____ [name of Bidder]²¹ (hereinafter called "the Applicant") has submitted his Bid dated _____ [date] or will submit his Bid for the construction of _____ [name of Contract] (hereinafter called "the Bid") under Request for Bids No.....[insert number] (hereinafter called "the RFB")

KNOW ALL PEOPLE by these presents that We _____ [name of bank] of _____ [name of country] having our registered office at _____ (hereinafter called "the Bank") are bound unto _____ [name of Employer] (hereinafter called "the Employer") in the sum of _____²² for which payment well and truly to be made to the said Employer the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20____.

THE CONDITIONS of this obligation are:

(1) If after Bid opening the Applicant (a) withdraws his bid during the period of Bid validity specified in the Letter of Bid, or any extended date provided by the Applicant ("the Bid Validity Period"); or (b) does not accept the correction of the Bid Price pursuant to ITB 36;

Or

(2) If the Applicant having been notified of the acceptance of his bid by the Employer during the period of Bid validity:

- (a) fails or refuses to execute the Contract Agreement in accordance with the Instructions to Bidders, if required; or
- (b) fails or refuses to furnish the Performance Security and if required, the Environmental and Social (ES) Performance Security, in accordance with the Instruction to Bidders.

we undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him owing to the occurrence of one or any of the four conditions, specifying the occurred condition or conditions.

²¹ Insert name of the Bidder, which in the case of a joint venture shall be (a) the name of the joint venture that submits the bid if the JV has been constituted into a legally enforceable JV, or (b) the names of all future members of the JV as named in the letter of intent to execute the JV Agreement submitted by the bidder along with its bid.

²² The Applicant should insert the amount of the guarantee in words and figures denominated in Indian Rupees. This figure should be the same as shown in Clause 19.1 of the Instructions to Bidders.

This Guarantee will remain in force up to and including the date _____²³ days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.

DATE _____ SIGNATURE OF THE BANK _____

WITNESS _____ SEAL _____

[signature, name, and address]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

²³ 45 days after the end of the validity period of the Bid.

Appendix to Technical Part

Form of Bid-Securing Declaration

Not applicable

Date: *[insert date (as day, month and year)]*

RFB No.: *[insert number of Bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Employer]*

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding or submitting proposals in any contract with the Employer for the period of time of *[insert number of months or years]* starting on *[insert date]*, if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have not accepted the correction of the Bid Price pursuant to ITB 36; or
- (b) have withdrawn our Bid during the period of Bid validity specified in the Letter of Bid or any extended date provided by us; or
- (c) having been notified of the acceptance of our Bid by the Employer during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security and, if required, the Environmental and Social (ES) Performance Security, in accordance with the ITB.

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) forty-five days after the expiration of our Bid.

Name of the Bidder* _____ *[insert complete name of person signing the Bid]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder** *[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid *[insert complete title of the person signing the Bid]*

Signature of the person named above _____ *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* day of *[insert month]*, *[insert year]*

*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

** : Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid *[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]*

Letter of Bid - Financial Part

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

The Bidder must prepare this Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and business address.

Note: All italicized text is to help Bidders in preparing this form.

Date of this Bid submission: *[insert date (as day, month and year) of Bid submission]*

Request for Bid No.: *[insert identification]*

Alternative No.²⁴: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Employer]*

We, the undersigned, hereby submit the second part of our Bid, the Bid Price and Bill of Quantities. This accompanies the Letter of Bid - Technical Part.

In submitting our Bid, we make the following additional declarations:

(a) **Bid Validity Period:** Our Bid shall be valid for a period specified in BDS 18.1 (or as amended if applicable) from the date fixed for the Bid submission deadline specified in BDS 22.1 (or as amended if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(b) **Bid Price:** The total price of our Bid, excluding any discounts offered in item (c) below is: *[Insert one of the options below as appropriate]*

[Option 1, in case of one lot:] Total price is: [insert the total price of the Bid in Rs. in words and figures];

Or

[Option 2, in case of multiple lots:] (a) Total price of each lot [insert the total price of each lot in Rs. in words and figures]; and (b) Total price of all lots (sum of all lots) [insert the total price of all lots in Rs. words and figures];

(c) **Discounts:** The discounts offered and the methodology for their application are:

(i) The discounts offered are: *[Specify in detail each discount offered]*

(ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts]*;

²⁴ Delete if not applicable

(d) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity].*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate “none.”)

Name of the Bidder: **[insert complete name of person signing the Bid]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: *** [insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

** : Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules

**Appendix to Financial Part: Schedules
Sub-contracting - Not allowed**

SCHEDULE OF SUBCONTRACTORS

[Note: Entries in this Schedule shall be the same as included in the same Schedule in the technical part of the bid, except for the column on 'Approximate value of subcontract' added in the table below]

Item	Element of work	Approximate value of subcontract	% of bid price	Name and address of sub-contractor	Qualification and experience of sub-contractor on similar works of the elements executed

The Bidder shall enter in this schedule a list of the major sections and appropriate value of the work for which he proposed to use subcontractors *[for those costing more than 10% of the bid price for each element]*, together with the names, addresses and experiences of the proposed subcontractors.

The capability of the subcontractor will also be assessed (on the same lines as for the main Contractor) before according approval to him.

(Work should not be split into small parts and subcontracted; but subcontracting specialized elements of works is acceptable).

Appendix to Financial Part: Schedules

Bill of Quantities

Objectives

The objectives of the Bill of Quantities are:

-
- (a) *to provide sufficient information on the quantities of Works to be performed to enable bids to be prepared efficiently and accurately; and*
 - (b) *when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic measurement and valuation of Works executed.*

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and contents of the Bill of Quantities should be as simple and brief as possible.

Daywork Schedule

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Employer of the realism of rates quoted by the bidders, the Daywork Schedule should normally comprise the following:

- (a) *A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor shall be paid for work executed on a daywork basis.*
- (b) *Nominal quantities for each item of daywork, to be priced by each Bidder at daywork rates as Bid. The rate to be entered by the Bidder against each basic daywork item should include the Contractor's profit, overheads, supervision, and other charges.*

Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary priced Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the Particular Conditions of Contract should state the manner in which they shall be used, and under whose authority (usually the Project Manager's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Employer to select such specialized contractors. To provide an element of competition among the bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

These Notes for Preparing a Bill of Quantities are intended only as information for the Employer or the person drafting the bidding document. They should not be included in the final bidding document.

1²⁵. Sample Bill of Quantities²⁶

Schedules

Bill of Quantities

<u>ESTABLISHMENT OF UP AGREES OFFICE AT 8TH FLOOR MANDI BHAWAN, ASHOK MARG, LUCKNOW (U.P)</u>		
ABSTRACT Bill OF Quantity		
SR.NO.	WORK DESCRIPTION	AMOUNT
A.	CIVIL & TOILET WORKS	
B.	INTERIOR WORK	
C.	ELECTRICAL WORK	
D.	FURNITURE WORK	
E.	FIRE ALARM WORK	
F.	VRV AIR CONDITIONING WORK	
G.	IP TELEPHONY WORKS	
H.	CCTV WORKS	
I.	NETWORKING & WIFI WORKS	
J.	AUTOMATION WORKS	
K.	VIDEO CONFERENCING WORKS	
L.	PA SYSTEM WORKS	
M.	DISPLAY WORKS	
	TOTAL	
		GST EXTRA

A. CIVIL WORKS & INTERIOR WORK

CIVIL-TOILET SANITARY FITTING WORK ESTIMATE						
SR.NO.	DSR/MR	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	DSR(15.12.1) * 0.735 * 115/107	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: of area 3 sqm and below.	54.00	EACH		
2.00	DSR(15.57) * 0.735 * 115/107	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: of area 3 sqm and below.	217.42	SQM		
3.00	DSR(15.57) * 0.735 * 115/107	Dismantling Aluminium / Gypsum partitions, doors, Windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge.	1,002.90	SQM		
4.00	DSR(15.7.4) * 0.735 * 115/107	Demolishing Brick work Manually / by mechanical means including stacking of Serviceable material and Disposal of Unserviceable material within 50 meters lead as per direction of Engineer-in-charge.in Cement mortar.	331.35	CUM		

²⁵ In case of Lump-sum Contract, use Sample Activity Schedule

²⁶ Some parts of requirement can be met through a Specialized Subcontractor, if permitted in the bidding document. Also insert Schedules of Daywork Rates (labour, materials, and contractor's equipment), if applicable.

5.00	DSR(15.3) * 0.735 * 115/107	Demolishing R.C.C. work Manually / by mechanical means including stacking of Steel bars and Disposal of Unserviceable material within 50 meters lead as per direction of Engineer-in-charge.	1.01	CUM		
6.00	DSR(15.5) * 0.735 * 115/107	Extra for Cutting Reinforcement bars Manually by mechanical means R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	42.23	SQM		
7.00	DSR(15.23.1) * 0.735 * 115/107	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 meters lead. For thickness of tiles 10 mm to 25 mm.	1,014.78	SQM		
8.00	DSR(13.91) * 0.735 * 115/107	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	245.40	SQM		
9.00	DSR(15.56) * 0.735 * 115/107	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meters lead.	24.54	SQM		
10.00	DSR(15.60) * 0.735 * 115/107	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	450.13	CUM		
11.00	DSR(6.13.1) * 0.735 * 115/107	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	15.42	SQM		
12.00	DSR(13.4.1) * 0.735 * 115/107	12 mm thick cement plaster of mix: 1:4 (1 cement: 4 coarse sand)	79.68	SQM		
13.00	DSR(18.8.3) * 0.735 * 115/107	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal outer dia Pipes.	130.00	RMT		
14.00	DSR(18.8.4) * 0.735 * 115/107	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 25 mm nominal outer dia Pipes.	130.00	RMT		
15.00	DSR(18.7.5) * 0.735 * 115/107	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 32 mm nominal outer dia Pipes.	25.00	RMT		
16.00	DSR(17.10.1.1) * 0.735 * 115/107	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink with drain board 510x1040 mm bowl depth 250 mm	1.00	NOS		

17.00	MR	Providing & Placing of Looking Mirror pasted on wall with the help of silicon having edges beveled, all complete as per drawing, specification and direction as approved by the Architect/ Engineer in-Charge. Customized	9.90	SQM		
18.00	MR	Providing & Fixing of Concealed Stop Cock With Trims as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	15.00	NOS		
19.00	MR	Providing & Fixing of Floor Drainer as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	15.00	NOS		
20.00	MR	Providing & Fixing of Wall hung Closet with Soft Close Seat Cover Fixed with Jumbo Bolts as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	11.00	NOS		
21.00	MR	Providing and fixing Urinal With Sensor Make-Kerovit, as per the approved design all complete as per drawing, specification and direction of engineer incharge.	2.00	NOS		
22.00	MR	Providing and fixing Urinal Partition Make-Kerovit, as per the approved design all complete as per drawing, specification and direction of engineer incharge.	2.00	NOS		
23.00	MR	Providing & Fixing of Concealed Cistern With Push Plate as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	11.00	NOS		
24.00	MR	Providing and fixing of Under Counter Basin as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	3.00	NOS		
25.00	MR	Providing & fixing of Single Lever Basin Mixer as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Jaquar/American Standard/Kerovit Equivalent	11.00	NOS		
26.00	MR	Providing and fixing Sink Mixer as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	2.00	NOS		
27.00	MR	Providing and fixing 2 Way Bib Tap as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	11.00	NOS		
28.00	MR	Providing & fixing Health Faucet as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	11.00	NOS		
29.00	MR	Providing and fixing of Angle Cock as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	26.00	NOS		
30.00	MR	Providing and fixing of Bottle Trap as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	13.00	NOS		
31.00	MR	Providing and fixing of Toilet Paper Holder as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	7.00	NOS		
32.00	MR	Providing and fixing of Towel Ring as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	11.00	NOS		
33.00	MR	Providing and fixing of Soap Dispenser as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	11.00	NOS		
34.00	MR	Providing and fixing of Waste Coupling as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	13.00	NOS		
35.00	MR	Providing and fixing of Long Braided Hos Pipe as per the approved design all complete as per drawing, specification and direction of engineer incharge.	34.00	NOS		
36.00	MR	Providing and fixing of 110mm dia pipe 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.	156.00	RMT		
37.00	MR	Providing and fixing of 110mm dia Elbow 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.	71.00	NOS		

38.00	MR	Providing and fixing of 110mm dia 45 Degree Elbow, 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.	50.00	NOS		
39.00	MR	Providing and fixing of 110mm dia Socket, 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.	52.00	NOS		
40.00	MR	Providing and fixing of 110mm dia Tee, 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.	30.00	NOS		
41.00	MR	Providing and fixing of 110x110mm dia Nahani Trap, 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.	31.00	NOS		
42.00	MR	Providing and fixing of half Pedistral Basin as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent	8.00	NOS		
					TOTAL:	

B. INTERIOR WORK

INTERIOR WORK ESTIMATE						
SR.NO.	DSR/MR	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	DSR(12.45.1) * 0.735 * 115/107	Providing & Fixing of at all height false ceiling including providing and fixing of frame made of special section power pressed from m.s. sheet and galvanized in accordance with zinc coating of grade 350 as per IS 277 and consisting of angle cleat 25x1.6mm with flanges of 27mm and 37mm at 1200mm c/c one flanged fix to the ceiling with dash fastener 12.5mm dia and 40mm long with 6mm dia bolt to the angle hangers of 25x25x0.55 mm of required lengthened other end of angle hanger being fixed with nut and bolts to GI channel 45x15x0.90mm running at the rate of 1200 mm c/c to with the ceiling section 0.5mm thick button wedges of 80mm with tapered flanges of 26 mm each having clips of 10.5mm at 450mm/ c shall be fixed in direction perpendicular to GI channels with connecting clips made out of 2.64MM dia x 230mm long GI wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.50 mm thick 27mm high having flanges of 20mm and 30mm long perimeter of ceiling fixed to wall /partition with help of rawl plugs at 450mm c/c with 25 mm long drive all screws @230mm interval including jointing and fixing to a flush finish of tapered end sq edge of board with recommended filler jointing and taper finisher and two coat of primer suitable for board as per manufacturers specification and also including the cost of making of opening for light fittings grills diffusers cutouts made with frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of engineer incharge but excluding the cost of painting 12.50mm thick tapered edge gypsum board.	443.16	SQM		
2.00	M.R	Providing & Fixing of Armstrong Mineral Fibre Acoustical Suspended Ceiling System with Dune (Bevelled Tegular) Edge Tiles With Armstrong 15mm Exposed GRID. The tiles should have Humidity Resistance (RH) of 99%, NRC 0.7, Light				

3.00	M.R	<p>Providing and fixing in true horizontal level Cellio Open Cell Aluminium lay-in ceiling tiles with border panels forming flush-Tegular edge of size 600mmx600mm having Fire Performance Class A1 (EN13964). The tile of Black/ RAL Co-ordinated color with cell size 100mm X 100mm shall be laid on Black painted Armstrong Suprafine 38 of 15mm profile grid system comprising Main runners (3000mm), 1200mm and 600mm cross tees with 15mm white flanges and 38mm web height. The Tile shall be laid on Armstrong Suprafine 38 with 15mm wide T - section flanges color white having rotary stitching on all T sections i.e. the Main Runner with C3 coupling, 1200 mm & 600 mm Cross Tees with Hardened XL2 Clip having a web height of 38 mm and a load carrying capacity of 15.5 Kgs/M. The T Sections have a Galvanizing of 90 grams per M2 with pull out strength of 100 Kgs.</p> <p>INSTALLATION: To comprise main runner spaced at 1200mm centers securely fixed to the structural soffit by approved hangers at 1200mm maximum centre & not more than 150mm from spliced joints. The last hanger at the end of each main runner should not be greater than 600mm from the adjacent wall. 1200mm long cross tees to be interlocked between main runners at 600mm centre to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600 x 600mm module to be formed by fitting 600mm long cross tees centrally between the 1200 mm cross tees.</p> <p>Installation to be carried out by Trained Installation team & Installation should be carried out as per recommended procedure. Perimeter trim to be wall angles of size 3000x19x19mm, secured to walls at 450 mm maximum centres. SUSPENSION SYSTEM - Anchor Fastener, Hanger Wire 2.5mm dia, Hook Clip with J Wire assembly.</p> <p>APPROVED MAKE - Armstrong/ HiSteel/Equivalent</p>	100.81	SQM		
4.00	M.R	<p>Providing & fixing Armstrong Vertical Linear Baffle Ceiling made out of GI Extrusion in GI alloy grade. The baffle blade shall be in size of 100x 25 x 3600mm. The baffle blade shall be suspended using Slotted U-profile at on-center spacing in multiples of 25mm. longer lengths of Baffle to be connected by Baffle Joiner and the ends to be fixed with End caps. Installation of U-Grid: The U profile to be suspended at every 1200mm on-centre using 6mm threaded rod from the structural soffit using U-profile hanger. U-profile splice to be used to join more than one U profiles of length 3.75M. 1st U-Grid Channel must be no more than 400mm from the perimeter. as per the approved design all complete as per drawing, specification and direction of Architect/ Engineer -in-Charge.</p> <p>APPROVED MAKE - Armstrong/ HiSteel/Equivalent</p>	38.10	SQM		
5.00	M.R	<p>Providing and fixing of 12 mm Thick Laminated wooden flooring range grand illusion/ studio Classification/ Herringbone of Use 23/32 (Heavy Domestic/Domestic) with a Surface Abrasion Resistance of class AC3 (average 4500 cycles), Impact Resistance of IC2 (EN13329), Resistance to Cigarette Burn with a rating of 5 (EN 438-2:15), Swelling after 24 hrs in water of 15% (EN13329), Modulus of Rupture of 53.3 newton/mm2, Internal Bond 1.78 newton/mm2, Surface Soundness of 1.3 newton/mm2 (EN 13329:2000) with a 0.2mm thick wear layer on top of a High Density Fiber substrate core (density > 850 Kg/M3) of plank size 1212 mm X 137 mm having Uni fit locking arrangement (lock strength > 1000 lbs/ft) with an underlayment made of natural colour foam, with accessories like End profile, Transition profile, reducer, etc. complete. The rate includes cost of all materials, accessories, labour, HOM, etc., complete at all levels, all complete as per drawing, specification and direction as approved by the Architect/ Engineer -in- Charge. Make-Armstrong, Mikasa, Luxe, fcml Equivalent</p>	198.67	SQM		

6.00	M.R	Supply & fixing of first radiant/first line/Japan carpet tile tufted 1/10" loop carpet tile 100% PA6 solution dyed aquation backing back to back modified bitumen, 10% recycled content included, fire resistant EN-1350-1B,,S1,pile height Ca2.9 mm, total weight ca 4300 gm/m2,pile density ca 0.114gm/cm3,thermal resistant ISO8302.0.047m2 K/W,impact noise rating ISO10140(1000Hz) tile size should be (500 cm X 500 cm) duly installed on smooth and hard surface with company recommended adhesive.	38.10	SQM		
7.00	M.R	Providing and laying of Double Charged floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x1200mm	471.53	SQM		
8.00	DSR(11.41.2) * 0.735 * 115/107	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	210.04	SQM		
9.00	DSR(11.48.2) * 0.735 * 115/107	Grouting the joints of flooring tiles having joints using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.	681.57	SQM		
10.00	DSR(8.2.2.2) * 0.735 * 115/107	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red Area of slab over 0.50 sqm	13.19	SQM		
11.00	DSR(8.5)* 0.735 * 115/107	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	12.00	NOS		
12.00	M.R	Providing & Making & Fixing of Commercial Wall Panneling made with Aluminium Section of 2"x1" @ 2'CC frame work cladded with 12MM Ply complete with painted or polishe. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	777.59	SQM		
13.00	M.R	Providing & Making & Fixing of Commercial Wall Partition made with Aluminium Section of 2"x1" @ 2'CC frame work cladded with 9MM Ply on Both Side complete with painted or polishe. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	234.60	SQM		
14.00	M.R	Providing & Making & Fixing of Wall Panneling made with 1MM Laminate & 5.5MM MDF on Existing Surface complete with painted or polishe. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	1,152.97	SQM		
15.00	M.R	Providing & Making & Fixing of Wall Panneling made with 4MM Veneer on Existing Surface complete with Water Base PU Polishe. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	227.87	SQM		

16.00	M.R	Providing & Making & Fixing of Wall Panneling made with 12MM Louver on Existing Surface complete with Melamine Polishe. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	10.60	SQM		
17.00	M.R	Providing & Making & Fixing of Wall Panneling made with Coloured Lacquered Glass on Existing Surface complete with Melamine Polishe. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	10.60	SQM		
18.00	M.R	Providing and supplying Acoustical Wall Paneling with square edges made of fibre glass substrate 25mm thick and wrapped on the front side with an acoustically transparent and fire-resistant fabric with an option of colours as per the choice of the Architect/ Person in-charge of size as desired design providing a minimum sound absorption level of 0.90 NRC to be affixed to wall using Wall panel impalers and construction adhesives as per the instructions laid down by the manufacturer as per the approved design as approved by Engineer -in-Charge.	32.57	SQM		
19.00		Providing and Fixing Channeled Woodworks perforated panels of width 128mm, thickness of 16mm and length 2440 mm or as required by the Architect/ approving engineer, made of a high density particle board substrate with a laminated facing as per the approved shade & finish and a PU balancing layer on the reverse side. The boards shall have a special perforation pattern where the visible surface has a ("Helmholtz" fluted perforation of 2mm width and 14mm of visible panel / 4mm width and 28mm visible panel) each. The panels shall provide a minimum sag resistance of RH90 and a fire rating class of 1 as per Part 7 of BS 476. The edges of the panels shall be "tongue-and-grooved" to receive special clips for installation. The back of the perforated panel shall have sound absorbing non-woven acoustical fleece. The panels shall be mounted on special aluminium splines using clips. as per the approved design as approved by Engineer -in-Charge.	48.85	SQM		
20.00	M.R	Providing, fabricating & placing single leaf single swing aluminium stile door with 12mm thick toughened glass & stile size of 40mm x 90mm. The door frame of size 70 x 50mm shall be formed with heavy duty aluminium door, fixed to dry wall partition. Rate to include providing & fixing of Geze make standard stainless steel brush finished hardwares Hinges: flush door hinge -Geze-. Finis: Std finish Handle & lock: lever handle & Mortise lock set with both side key cylinder- Geze, Door Closer: Exposed door closer TS 3000V - Asymatric Rack and Pinion Door Closer with hold-open slide arm Closing force: 1-4 (adjustable) Tested according to EN 1154 for door width upto: 1100mm Door stopper: Half moon door stop Finish of profile- Black finish System - Micra I door Make - Liko-s/Equivalent	72.00	SQM		
21.00	M.R	Providing & Fixing of full height Single glazed partition using 10mm thick toughened Glass fixed with proprietary anodized aluminium sections of size 26x30mm (H) on top, bottom, horizontal & vertical. Rate to include required accessories as per the manufacturer's specifications and shall be inclusive of all accessories like Gaskets. Glass to glass joints to be sealed with Double sided 2mm Thick transparent tape. The glasses to be butt jointed with 2 to 3mm edge chamfer & edge polishing all around. Achieving value of 31 dB. (Rate is not included for door frames) Finish - Black Anodised, Partition Height - 2400mm, System - Micra I, Glass - 10mm Toughened Glas, Make - Liko-s	49.67	SQM		
22.00	M.R	Providing & fixing of 32MM Flush Door complete with all Fittings Like Hinges, Mortis lock, Door closer, Tower Bolt etc all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	22.56	SQM		
23.00	M.R	Providing & Fixing of Plotter Cutted Designer Film of approved shade as per drawing & specification as approved by Engineer - in-Charge.	29.88	SQM		
24.00	M.R	Providing & Fixing of Plotter Cutted Designer Coloured Vinyl of approved shade as per drawing & specification as approved by Engineer -in-Charge.	4.92	SQM		

25.00	M.R	Supply & Fixing of windows made from multi chambered UPVC profiles of minimum 60/108 mm thickness of (Wintech make or equivalent) in natural from stailized for heat, light, impact & UV radiation. The UPVC profiles should be reinforced with galvanized steel profiles of designed thickness. Float glass of approved colour in 4/5/6/8 mm or as desired by the costumer shall be fixed with heveled beads. All openable / sliding sashes shall be having grey/black colored weather seal fitted in continuous lenghts made from bubble PTV Rubber & side Hung with 90L openin friction syats of rust proof stainless steel with provision of multipoint lockng system (casement only) made from Espag rods (coated steel) all handle shall be made from die Cast zinc alloy in white finish only as per design, drawings, specification & as approved by Architect/Engineer Incharge.	196.10	SQM		
26.00	M.R	Providing & Fixing of Translucent Zebra Blinds with Hand Rail of approved shade as per drawing & specification as approved by Engineer -in-Charge.	192.68	SQM		
27.00	DSR(9.1.1) * 0.735 * 115/107	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood	0.63	CUM		
28.00	DSR(13.80) * 0.735 * 115/107	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	519.48	SQM		
29.00	DSR(13.48.1) * 0.735 * 115/107	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	519.48	SQM		
30.00	M.R	Providing & Fixing of Rectangular Shape Polmer Planter of Size (375Wx375Dx400HT") With Thermocol Packing & Double Layer of Pabbles With Artificial 36"Plants of approved shade as per drawing & specification as approved by Engineer -in-Charge. MR	10.00	NOS		
31.00	M.R	Providing & Fixing of Round Shape Polmer Planter of Size (375DIA X 375HT") With Thermocol Packing & Double Layer of Pabbles With Artificial 36"Plants of approved shade as per drawing & specification as approved by Engineer -in-Charge. MR	16.00	NOS		
32.00	M.R	Providing & Fixing of Rectangular Shape Polmer Planter of Size (600Wx325Dx375HT") With Thermocol Packing & Double Layer of Pabbles With Artificial 36"Plants of approved shade as per drawing & specification as approved by Engineer -in-Charge. MR	25.00	NOS		
33.00	M.R	Providing & Fixing of Photo Frames Having Size (600WX900HT) of Picture in Coloured Canvas Prints with wooden frame borders & Non Reflective glass complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.	2.00	NOS		
34.00	M.R	Providing & Fixing of Photo Frames Having Size (600WX600HT) of Uttar Pradesh Sarkar in Black & White/Coloured Canvas Prints with wooden frame borders & Non Reflective glass complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.	1.00	NOS		
35.00	M.R	Providing & Fixing of Photo Frames Having Size (600WX600HT) of UP AGREES Logo in Coloured Canvas Prints with wooden frame borders & Non Reflective glass complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.	1.00	NOS		
36.00	M.R	Providing & Fixing of Signages of Size (1175 x 350)MM Made of Multi Layered Signage made with 5mm & 3mm Thick Acrylic & UV Prints on Base Acrylic & Acrylic Letters of UPEIDA LOGO, complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.	1.00	NOS		

37.00	M.R	Providing & Fixing of Signages of Size (200 x 200)MM Made of Side Moulded Signages made with Premium Laminate & Acrylic Laser Cut Letters as per deisgn & Multi Layering with Wooden Finish as base of Male, Female Toilet & Pantry, complete as per desigh, drawings, specification & as approved by Architect/Engineer Incharge.	12.00	NOS		
38.00	M.R	Providing & Fixing of Signages of Size (450 x 200)MM Made of Side Moulded Signages made with Premium Laminate & Acrylic Laser Cut Letters as per deisgn & Multi Layering with Wooden Finish as base of Conference Room, complete as per desigh, drawings, specification & as approved by Architect/Engineer Incharge.	1.00	NOS		
39.00	M.R	Providing & Fixing of Signages of Size (1500 x 1200)MM Made of UV Prints on Lacquered Glass with Pre Coat & 3 Layer Prinitng of UP AGREES Logo, complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.	1.00	NOS		
40.00	M.R	Providing & Fixing of Signages of Size (350 x 200)MM Made of 3 Layer Name Plates made with Black Acrylic as base & UV Prints on Clear Acrylic as 2nd Layer & 3rd Layer being Acrylic Letters of CEO, CHAIRMAN & ACEO Room, complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.	1.00	NOS		
					TOTAL	

C. ELECTRICAL WORK

ELECTRICAL WORK ESTIMATE						
SR.NO.	DSR/MR	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	DSR(1.10.1) * 0.789 * 115/110	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with modular switch, modular plate, suitable GFI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group A	230.00	NOS		
2.00	DSR(1.31) * 0.789 * 115/110	Supply and fixing of Power point and Supply and fixing of power plug with 10 Amp./250 volt flush type modular switch and 5 pin 10A /250 volt flush type universal modular socket switch on concealed M.S. box including supply of all material, labour t&P etc. required for proper completion of work.	163.00	NOS		
3.00	DSR(1.32) * 0.789 * 115/110	Supply and fixing of wire, Power point and Supply and fixing of power plug with 20 Amp./250 volt flush type modular switch and 5 pin 20 nA/250 volt flush type universal modular socket switch on concealed M.S. box including supply of all material, labour t&P etc. required for proper completion of work.	54.00	NOS		
4.00	DSR(1.14.1) * 0.789 * 115/110	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	1,000.00	RMT		
5.00	DSR(1.14.2) * 0.789 * 115/110	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	1,965.00	RMT		
6.00	DSR(1.14.3) * 0.789 * 115/110	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire	384.00	RMT		
7.00	DSR(1.19) * 0.789 * 115/110	Supplying & Drawing co-axial TV cable RG-6 grade, 0.7 mm. solid copper conductor, PE insulated] shielded with fine finned copper braid and protected with PVC sheath in the existing surface/ recessed steel/PVC conduit as required. For T.V. Socket outlet	100.00	RMT		
8.00	DSR(1.53) * 0.789 * 115/110	Providing Drawing Connecting And Testing Of Enhanced Category 4 Pair Lan Local Area Network Cable 24 AWG Conductor Performance Specified 5E U L and CUL Listed In Existing PVC Conduit .(CAT-6 Network Cable)	1,450.00	RMT		

9.00	DSR(1.21.1) * 0.789 * 115/110	Supply & Fixing of following sizes of medium class PVC conduit alongwith accessories in sueface/recess including cutting the wall & making it good the same in case of recessed conduit as required. 20MM	825.00	RMT		
10.00	DSR(1.21.2) * 0.789 * 115/110	Supply & Fixing of following sizes of medium class PVC conduit alongwith accessories in sueface/recess including cutting the wall & making it good the same in case of recessed conduit as required. 25MM	150.00	RMT		
11.00	DSR(1.21.3) * 0.789 * 115/110	Supply & Fixing of following sizes of medium class PVC conduit alongwith accessories in sueface/recess including cutting the wall & making it good the same in case of recessed conduit as required. 32MM	50.00	RMT		
12.00	DSR(1.27.1+ 1.24.7+1.28. 1) * 0.789 * 115/110	Supplying & fixing of TV Antenna socket on Modular Plate & G.I Box including connections	4.00	NOS		
13.00	DSR(1.28.1) * 0.789 * 115/110	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 1 or 2 Module	45.00	NOS		
14.00	DSR(1.28.2) * 0.789 * 115/110	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 3 Module	23.00	NOS		
15.00	DSR(1.28.3) * 0.789 * 115/110	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 4 Module	2.00	NOS		
16.00	DSR(1.28.4) * 0.789 * 115/110	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 6 Module	33.00	NOS		
17.00	DSR(1.28.5) * 0.789 * 115/110	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 8 Module	7.00	NOS		
18.00	DSR(1.28.6) * 0.789 * 115/110	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 12 Module	2.00	NOS		
19.00	DSR(1.26) * 0.789 * 115/110	Blank plate for modular plate type switch boards wherever required.	10.00	NOS		
20.00	DSR(2.10.1) * 0.789 * 115/110	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	72.00	NOS		
21.00	S.I.1021 (D)	S&F of 125 Amp 4 pole MCCB (25 KA) Thermal Magnetic release	2.00	NOS		
22.00	S.I 1029(C)	S & F surface/Flush mounting 12ways V TPN distribution board with additional metal door without MCB complete in all respect, as directed at site by Engineer in charge. CAT-A	2.00	NOS		
23.00	S.I 1403	Supply and fixing of recess mounting round 15 TO 18 Watt LED Down Lighter having Powder coated die cast aluminium housing with heat sink, diffuser/ Reflector and driver set complete in all respect. CAT-AAA	69.00	NOS		

24.00	S.I 1406	Supply and fixing of 36 Watt to 46 Watt above: 3300 leumin indoor Recess mounting LED Square: Fitting for Armstrong Ceiling having Powder coated die cast aluminium housing body with extended heat sink and diffuser of Special Polycarbonate meterial and driver set complete in all respect. CAT-AAA	112.00	NOS		
25.00	MR	Supply and fixing of 150mm Fresh Air Fan all: complete as per drawing and specification and: direction of engineer incharge. Make- Crompton/Bajaj/Havels Equivalent	12.00	NOS		
26.00	MR	Supply and fixing of 400mm Wall Fan all: complete as per drawing and specification and: direction of engineer incharge. Make- Crompton/Bajaj/Havels Equivalent	41.00	NOS		
27.00	MR	Supply & Fixing of LED Profile Light all: complete as per drawing and specification and: direction of engineer incharge. Make- Ledadvance/Ledos/Ledlum/Philips, Equivalent	175.00	NOS		
28.00	MR	Supply & Fixing of LED Profile Light Driver all: complete as per drawing and specification and: direction of engineer incharge. Make- Ledadvance/Ledos/Ledlum/Philips, Equivalent	37.00	NOS		
29.00	MR	Supply and Fixing of Deep Recess Mounting: round 10 Watt COB LED Spot Light having: Powder coated die cast aluminium housing with: heat sink, diffuser/ Reflector and driver set: complete in all respect. Make- Ledadvance/Ledos/Ledlum/Philips, Equivalent	164.00	NOS		
30.00	MR	Supply and Fixing of Deep Recess Mounting: round 12.5 Watt COB LED Spot Light having: Powder coated die cast aluminium housing with: heat sink, diffuser/ Reflector and driver set: complete in all respect. Make-Ledos	93.00	NOS		
31.00	MR	Supply & Fixing of 150MM Inline Mixflow Fresh: Air Fan all complete as per drawing and: specification and direction of engineer incharge. Make-Rexton Grand-6	7.00	NOS		
32.00	MR	Supply & Fixing of 150MM Gravity Grill For: Inline Mixflow Fresh Air Fan all complete as per: drawing and specification and direction of: engineer incharge. Make-Rexton Gravity Grill-6	7.00	NOS		
33.00	MR	Supply & Fixing of 150MM Air Valve For Inline: Mixflow Fresh Air Fan all complete as per: drawing and specification and direction of: engineer incharge. Make-Rexton CAV-6	7.00	NOS		
34.00	MR	Supply & Fixing of 110MM Ceiling Mount Fresh: Air Fan all complete as per drawing and: specification and direction of engineer incharge. Make-Crompton	7.00	NOS		
35.00	MR	Providing & Fixing of 5KVA Online UPS Having: 12V/26AH 15Nos Batteries & Battery Stand all: complete as per drawing and specification and: direction of engineer incharge. Make-Aeon	1.00	NOS		

36.00	MR	Providing & Fixing of Call Bell Chimes all complete as per drawing and specification and direction of engineer incharge. Make-L&T	4.00	NOS		
37.00	MR	Providing & Fixing of 1800MM Linear Hanging LED Light all complete as per drawing and specification and direction of engineer incharge. Make-Ledlum	2.00	NOS		
38.00	MR	Providing & Fixing of 1200MM Designer Hanging LED Light all complete as per drawing and specification and direction of engineer incharge. Make-Ledlum	1.00	NOS		
					TOTAL:	

D. FURNITURE WORK

FURNITURE WORK ESTIMATE				
SR.NO.	ITEM DESCRIPTION	QTY	UNIT	AMOUNT
1.00	Providing & Making & Fixing of Executive Wooden Classic Table of Size (3000Lx1200Wx750HT) MM & Having 2 Nos Side Storage of Size (900Lx450Wx700HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized	2.00	NOS	
2.00	Providing & Making & Fixing of Back Storage of Size (2400Lx450Wx750HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized	2.00	NOS	
3.00	Providing & Making & Fixing of Executive Wooden Classic Table of Size (2400Lx1200Wx750HT) MM & Having 2 Nos Side Storage of Size (900Lx450Wx700HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized	1.00	NOS	
4.00	Providing & Making & Fixing of Back Storage of Size (2400Lx450Wx750HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized	1.00	NOS	
5.00	Providing & Making & Fixing of TV Pannel of Size (2400Lx450Wx750HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized	2.00	NOS	
6.00	Providing & Fixing of Table of Size - 2100W X 1000D X 750HT Having Side Storage of - 900W X 450D X 750HT & Back Storage of - 1750W X 450D X 750HT & 450 Extended Top Specifications Table Top: 25mm thick Pre laminate particle board with 2mm PVC edge Lipping on all exposed edges (Straight/Reverse waterfall edge) Support: End Legs : Powder coated Al die casted Enrich legs Modesty Panel: 18mm thk pre lam board with 2mm PVC edge lipping of 450mm Ht. Wire Management: 450mm Aluminium Flip Up and provision to mount swiches and sockets on PVC cable dump and Vertical wire entry cover or vertebra for wire uptake from floor to cable dump The storage will be made in 18 MM PLB (Pre laminated board) with the density of 680kg/m ³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. The PLB will be confirming to E-1 Grade as per the JIS A 5905-2003 standards and approved shade confirming to IS-12823:1990.The back of storage will be made in 9 MM PLB (Pre laminated board) with the density of 680kg/m ³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. Storgage will be provided with edge banding 2 mm thick PVC edge band will confirm to DIN 68861 for resistance to clearers. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification and confirm to ASTM D 4499 standards for viscosity and thermal stability. The edge band material should have Shore D hardness of 79± 4. storage will have two adjustable shelves	2.00	NOS	
7.00	Providing & Fixing of Back Storage of - 1500W X 450D X 750HT & 450 Extended Top Specifications Table Top: 25mm thick Pre laminate particle board with 2mm PVC edge Lipping on all exposed edges (Straight/Reverse waterfall edge) Support: End Legs : Powder coated Al die casted Enrich legs Modesty Panel: 18mm thk pre lam board with 2mm PVC edge lipping of 450mm Ht. Wire Management: 450mm Aluminium Flip Up and provision to mount swiches and sockets on PVC cable dump and Vertical wire entry cover or vertebra for wire uptake from floor to cable dump The storage will be made in 18 MM PLB (Pre laminated board) with the density of 680kg/m ³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. The PLB will be confirming to E-1 Grade as per the JIS A 5905-2003 standards and approved shade confirming to IS-12823:1990.The back of storage will be made in 9 MM PLB (Pre laminated board) with the density of 680kg/m ³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. Storgage will be provided with edge banding 2 mm thick PVC edge band will confirm to DIN 68861 for resistance to clearers. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification and confirm to ASTM D 4499 standards for viscosity and thermal stability. The edge band material should have Shore D hardness of 79± 4. storage will have two adjustable shelves	2.00	NOS	

8.00	<p>Providing & Fixing of Table of Size - 1800W X 900D X 750HT Having Side Storage of - 900W X 450D X 750HT. Specifications Table Top: 25mm thick Pre laminate particle board with 2mm PVC edge Lipping on all exposed edges (Straight/Reverse waterfall edge) Support: End Legs : Powder coated Al die casted Enrich legs Modesty Panel: 18mm thk pre lam board with 2mm PVC edge lipping of 450mm Ht. Wire Management: 450mm Aluminium Flip Up and provision to mount swiches and sockets on PVC cable dump and Vertical wire entry cover or vertebra for wire uptake from floor to cable dump The storage will be made in 18 MM PLB (Pre laminated board) with the density of 680kg/m³ and 18 mm thick one side pre laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. The PLB will be confirming to E-1 Grade as per the JIS A 5905-2003 standards and approved shade conforming to IS-12823:1990. The back of storage will be made in 9 MM PLB (Pre laminated board) with the density of 680kg/m³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. Storage will be provided with edge banding 2 mm thick PVC edge band will confirm to DIN 68861 for resistance to clearers. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification and confirm to ASTM D 4499 standards for viscosity and thermal stability. The edge band material should have Shore D hardness of 79± 4. storage will have two adjustable shelves</p>	10.00	NOS	
9.00	<p>Providing & Fixing of Table of Size - 1500W X 750D X 750HT Having Side Storage of - 900W X 450D X 750HT. The main table shall be made of 25mm thick PLB one side pre-laminate board confirming to IS- 14587:1998. Soft closing access flap with in-built power box to be provided on work surface for wire management. Return table Work Surface should be made of 25mm thick PLB one side pre-laminate board confirming to IS-14587:1998. PLB will be E1-P2 grade and approved shade. Confirming to IS-12823:1990. 2 mm thick PVC edge band will confirm to DIN 68861 for resistance to clearers. The edge band material should have Shore D hardness of 79± 4. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification conforming to ASTM D 4499 standards for viscosity and thermal stability. The edges should be PVC Edge banded with matching finish or have an option of reverse water fall edges. Modesty Panel shall be made of 18mm thick PLT both sides pre-laminate board confirming to IS 14587:1998. The height of modesty shall be 450 mm. The modesty panel will be connected to the main table by 2 nos special Aluminum extruded brackets. The modesty will be fixed 150 mm from the edge of the table. • Cable management: The table will be provided with suitable grommet hole. Legs and Supports: The MS supports are made of 55 x55mm diamond shape loop leg ERW tubes- 16g with levelers to cater for floor undulations- +/- 20 mm. ERW Tube confirming to IS 4923 : 1997 – 16g. Main leg members will be connected through a horizontal member size 1.6mm thk, 60x40 cold formed ERW tube confirming to IS 4923: 1997. The vertical and the horizontal tubes will be welded with CO2 MIG welding process confirming to IS 816 and ISO 9692-2. The leg will be fabricated using Argon & Co2 gas mixture on a Robotic welding machine to ensure adequate welding strength with consistency. • The legs will be connected with Cross beams to take care of the bending stress catering up to 1800 mm length and up to 900 mm depth of the work surface. Finish:- All metal components & aluminum die cast parts will be powder coated by Nano ceramic surface treatment process compiled to a Bend test-ASTM D3451 – 06, Adhesion -DIN EN 14901 Salt spray test- DIN EN ISO 9227, which is non-hazardous, environmental friendly and will have uniform powder coating thickness of 50-60-micron thickness. Wire Management: Make-Featherlite/Geeken/Hof/Equivalent</p>	16.00	NOS	
10.00	<p>Providing & Fixing of LINEAR WORKSTATIONS SIZE:- 1200W X 600D X 750HT AND 300HT HEIGHT. Specifications: Table Top - 25mm thick Pre Lam particle board with 2mm edge lipping on all exposed sides. Support - MS powder coated diamond shape leg of 55X55mm size with die cast connectors and supporting MS cross beams. Main Screen:- Aluminum anodised 30mm screen with fabric magnetic and glass marker tiles. Privacy Screen:- 6mm thick acrylic screen on studs. Wiremanagement - 450mm metal flip up with provision to mount switches and sockets on MS cable tray and vertical wire entry cover between the intermeidate leg for power and data.</p>	22.00	NOS	
11.00	<p>Providing & Fixing of Mobile Pedestal made of 0.6mm thick CRCA with 1 drawer units and 1 filing folder unit. The Drawer units are made mobile with the use of castors. Fixed pedestal shall be provided with an overall size 400mm X 450mm X 640mm. The pedestal shall be made up of CRCA powder coated sheet. The pedestal shall have 2 nos. of drawer i.e. 1 box drawer and 1 filing drawer. The drawer shall be operated on sliding channels to enable smooth operation. The drawer shall have central locking mechanism in which all the drawer shall be synchronized locked with one single key, Make-Featherlite</p>	22.00	NOS	
12.00	<p>Providing & Making & Fixing of Conference Table Made of 19MM Board, Top in 3 layers and Vertical drop in 3 Lair 19MM ply board. All the surface to be clad with 4MM Veneer & Having S.S Frame Square Section of 302 Grade. All the Edges to be lipped with 4MM Veneer which shall be Water Based PU Polished, all complete as per design approved by E/I & Architect Incharge. Customized</p>	19.02	SQM	
13.00	<p>Providing & Fixing of High Back chair Ergonomically designed fully upholstered with Leather. The Seat and Back Cushion of the chairs shall be pressed on 9 layer 12mm hot pressed moulded ply. The seat cushion of the chair shall be made up of 80-85mm thick High Density of 45±2 Kg/m3 polyurethane moulded and back cushion shall be made up of 70-75mm thick High Density 33±2 Kg/m3. The hardness of foam shall be 20 kg on Hampden machine and 25% compression and it should be covered with leather as per manufacturer's shade card (shade and texture of Fabric/leatherette shall be approved by the Department). Arms will be aluminum buffed metal arms with cushion padding upholsted in half leather with metallic finish & leather pad. Standard Mechanism : Torsion bar Mechanism ,Height Adjustment :Hydraulic Gas lift of 80-120mm height adjustment. Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 4 locking positions. Aluminium Base: Specially designed 5 pronged structure with Aluminium die casting of 4 mm thick. Base of diameter 26 inches for complete stability. MODEL:- YOMA HB, Make-Featherlite/Geeken/Hof/Equivalent</p>	4.00	NOS	

14.00	<p>Providing & Fixing of Medium Back chair Ergonomically designed fully upholstered with Leather. The Seat and Back Cushion of the chairs shall be pressed on 9 layer 12mm hot pressed moulded ply. The seat cushion of the chair shall be made up of 80-85mm thick High Density of 45±2 Kg/m³ polyurethane moulded and back cushion shall be made up of 70-75mm thick High Density 33±2 Kg/m³. The hardness of foam shall be 20 kg on Hampden machine and 25% compression and it should be covered with leather as per manufacturer's shade card (shade and texture of Fabric/leatherette shall be approved by the Department). Arms will be aluminum buffed metal arms with cushion padding upholstered in half leather with metallic finish & leather pad. Standard Mechanism : Torsion bar Mechanism ,Height Adjustment :Hydraulic Gas lift of 80-120mm height adjustment. Multilock mechanism is fabricated from CR Sheets, undergo through CO₂ welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 4 locking positions. Aluminium Base: Specially designed 5 pronged structure with Aluminium die casting of 4 mm thick. Base of diameter 26 inches for complete. MODEL:- YOMA MB, Make- Featherlite/Geeken/Hof/Equivalent</p>	40.00	NOS	
15.00	<p>Fixed Leg Chair Made of The frame is made out of 25.4mm tube of 16 gauge tube confirming to IS-7138- 1973. Welded by Co₂ welding process for uniform surface finish and higher tensile strength perforation on the sheet is of uniform 2.5mm dimension and gives good ventilation. High quality hardware conforming to Hardness 38-44 and tensile strength – 1300 n/mm. IS 1363-1967. Seat is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Japanese T-nuts and riveted in to the plywood. Set and back Upholstery: Cushion with pre-moulded foam of 50 - 60kg/m³ density in the shape of plywood. Density -- 52 kg/m³ Hardness -- 12.6kgf at 25%. Injection moulded polypropylene armrests. Leatherette cushion Back on Frame. Back is injected moulded PP. Seat and back are duly upholstered with approved Leatherette. Tycoon VA, Make-Featherlite/Geeken Equivalent.</p>	24.00	NOS	
16.00	<p>Providing & Fixing, High Back Chair's (SEAT & BACK IN LEATHERETTE) is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Imported T-nuts and riveted in to the wood. Gaslift - Class 4 tested -ANSI BIFMA performance standards. Castors - Twin Castors 50mm dia castors complying to ANSI / BIFMA X 5.1 – 2002. The 640mm dia (26 inches) five pronged base is made out of GF nylon – Reinforced with bottom ribbing for additional buttress and strength. Tested prudently and rigorously as per ANSI/BIFMA X5.1-2011 General Purpose Office Chair Standards. Upholstery: Seat Cushion with pre moulded foam having leatherette tapestry of 50 - 60 density Density -- 52 kg/m³ Hardness -- 12.6kgf at 25%. Distinctively and characteristically designed tilt mechanism offering a very smooth and fluidic reclining motion with tension adjust knob and importantly offering seat to back recline ratio of 3:7, optimal for good back support. Multilock mechanism is fabricated from CR Sheets, undergo through CO₂ welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 3 locking positions, back rest “ Return Prevention” function. Back Frame is inserted with leatherette tapestry cushion & Adjustable Lumbar Support. Tension control is below the Seat. Moulded polyurethane Arms confirming to IS 7078 with steel inserts for long Moulded self skinned polyurethane Arms confirming to IS 7078 with steel inserts for long life, one way adjustable - Height Adjustable. Seat is duly upholstered with approved fabric. Chair will have adjustable headrest Chair Should be BIFMA Certified. Seat: Depth- 51.5 cm Width- 44.5 cm Dimensions: Width- 51.5 cm Depth- 53.5 cm Minimum Height- 99.5 cm Maximum Height- 108.5 cm Minimum Seat Height- 44.5 cm Maximum Seat Height- 52.5 cm Width (Arm to Arm)- 66 MODEL, Chair should be BIFMA and Green Guard certified.:- AMAZE HB, Make-Featherlite/Geeken Equivalent.</p>	2.00	NOS	
17.00	<p>Providing & Fixing, Visitor Chair, BRAVO VISITOR (SEAT & BACK IN LEATHERETTE) This ergonomically designed visitor or meeting chair is built for durability, comfort, and long-term use in reception areas, meeting rooms, or waiting lounges. The chair frame is constructed using a 25.4mm diameter, 16-gauge steel tube, manufactured in compliance with IS:7138–1973 standards. The steel structure offers exceptional strength and ensuring a uniform surface finish and increased tensile strength throughout the frame. The seat and backrest are crafted from 12mm thick molded hot-pressed plywood, ergonomically shaped to support the natural curvature of the spine and promote good seating posture. The plywood is reinforced with imported T-nuts, securely riveted into the wood, providing a robust foundation for mounting and upholstery. The backrest sheet includes uniform 2.5mm perforations, strategically designed to provide effective air ventilation, enhancing user comfort during prolonged sitting. Both the seat and back are cushioned with pre-molded high-density foam, tailored to match the contour of the plywood base. The foam has a density of 52 kg/m³ and a hardness of 12.6 kgf at 25% compression, offering the ideal balance between firmness and comfort. The chair features a single padded cushioned back with a clean and professional appearance, upholstered in high-grade leatherette, which is not only visually appealing but also easy to clean and maintain. The seat is similarly upholstered in matching leatherette, providing a cohesive and polished look suitable for corporate interiors. Supporting the user's arms are fixed polypropylene (PP) armrests integrated with internal metal inserts to ensure enhanced durability and support under regular use. The armrests are ergonomically positioned to support natural elbow placement, contributing to overall user comfort.</p>	12.00	NOS	

18.00	<p>Providing & Fixing of High Back Chair's Seat and back is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Imported T-nuts and revited in to the wood.Gaslift - Class 4 tested -ANSI BIFMA performance standards.Castors - Twin Castors 50mm dia castors complying to ANSI / BIFMA X 5.1 – 2002.The 640mm dia (26 inches) five pronged base is made out of GF nylon – Reinforced with bottom ribbing for additional buttress and strength.Tested prudently and rigorously as per ANSI/BIFMA X5.1- 2011 General Purpose Office Chair Standards.Upholstery: Seat Cushion with pre moulded foam having leatherette tapestry of 50 - 60 density Density -- 52 kg/m3 Hardness -- 12.6kgf at 25%.Distinctively and characteristically designed tilt mechanism offering a very smooth and fluidic reclining motion with tension adjust knob and importantly offering seat to back recline ratio of 3:7, optimal for good back support.Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 3 locking positions, back rest “ Return Prevention” function. Back Frame is inserted with leatherette tapestry cushion & Adjustable Lumbar Support.Tension control is below the Seat.Moulded polyurethane Arms confirming to IS 7078 with steel inserts for long Moulded self skinned polyurethane Arms confirming to IS 7078 with steel insets for long life. one way adjustable - Height Adjustable.Seat is duly upholstered with approved fabric. Chair will have adjustable headrestChair Should be BIFMA Certified.Seat: Depth- 51.5 cm Width- 44.5 cm Dimensions: Width- 51.5 cm Depth- 53.5 cm Minimum Height- 99.5 cm Maximum Height- 108.5 cm Minimum Seat Height- 44.5 cm Maximum Seat Height- 52.5 cm Width (Arm to Arm)- 66 MODEL, Chair should be BIFMA and Green Guard certified.- AMAZE HB, Make- Featherlite/Geeken Equivalent.</p>	8.00	NOS	
19.00	<p>Providing & Fixing of Medium Back Chair's Seat and back is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Imported T-nuts and revited in to the wood.Gaslift - Class 4 tested -ANSI BIFMA performance standards.Castors - Twin Castors 50mm dia castors complying to ANSI / BIFMA X 5.1 – 2002.The 640mm dia (26 inches) five pronged base is made out of GF nylon – Reinforced with bottom ribbing for additional buttress and strength.Tested prudently and rigorously as per ANSI/BIFMA X5.1-2011 General Purpose Office Chair Standards.Upholstery: Seat Cushion with pre moulded foam having leatherette tapestry of 50 - 60 density Density -- 52 kg/m3 Hardness -- 12.6kgf at 25%.Distinctively and characteristically designed tilt mechanism offering a very smooth and fluidic reclining motion with tension adjust knob and importantly offering seat to back recline ratio of 3:7, optimal for good back support.Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 3 locking positions, back rest “ Return Prevention” function. Back Frame is inserted with leatherette tapestry cushion & Adjustable Lumbar Support.Tension control is below the Seat.Moulded polyurethane Arms confirming to IS 7078 with steel inserts for long Moulded self skinned polyurethane Arms confirming to IS 7078 with steel insets for long life. one way adjustable - Height Adjustable.Seat is duly upholstered with approved fabric. Chair Should be BIFMA Certified.Seat: Depth- 51.5 cm Width- 44.5 cm Dimensions: Width- 51.5 cm Depth- 53.5 cm Minimum Height- 99.5 cm Maximum Height- 108.5 cm Minimum Seat Height- 44.5 cm Maximum Seat Height- 52.5 cm Width (Arm to Arm)- 66 cm Arm Rest Height- 18- 27.5 cm Chair should be BIFMA and Green Guard certified. AMAZE MB, Make-Featherlite/Geeken/Hof/Equivalent</p>	14.00	NOS	
20.00	<p>Providing & Fixing of Fixed Leg Chair Made of The frame is made out of 25.4mm tube of 16 gauge tube confirming to IS-7138-1973, Welded by Co2 welding process for uniform surface finish and higher tensile strength perforation on the sheet is of uniform 2.5mm dimension and gives good ventilation.High quality hardware conforming to Hardness 38-44 and tensile strength – 1300 n/mm. IS 1363-1967.Seat is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Japanese T-nuts and riveted in to the plywood.Set and backUpholstery: Cushion with pre-moulded foam of 50 - 60kg/m3 density in the shape of plywood. Density -- 52 kg/m3 Hardness - 12.6kgf at 25%.Injection moulded polypropylene armrests.Leanerette cusion Back on Frame. Back is injected moulded PP.Seat and back are duly upholstered with approved Leatherette. AMAZE VA, Make- Featherlite/Geeken/Hof/Equivalent</p>	52.00	NOS	

21.00	<p>Providing & Fixing of Medium Back Chair's Seat and back is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Imported T-nuts and revited in to the wood.Gaslift - Class 4 tested -ANSI BIFMA performance standards.Castors - Twin Castors 50mm dia castors complying to ANSI / BIFMA X 5.1 – 2002.The 640mm dia (26 inches) five pronged base is made out of GF nylon – Reinforced with bottom ribbing for additional buttress and strength.Tested prudently and rigorously as per ANSI/BIFMA X5.1-2011 General Purpose Office Chair Standards.Upholstery: Seat Cushion with pre moulded foam having leatherette tapestry of 50 - 60 density Density -- 52 kg/m3 Hardness -- 12.6kgf at 25%.Distinctively and characteristically designed tilt mechanism offering a very smooth and fluidic reclining motion with tension adjust knob and importantly offering seat to back recline ratio of 3:7, optimal for good back support.Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 3 locking positions, back rest “ Return Prevention” function. Back Frame is inserted with leathertte tapestry cushion & Adjustable Lumbar Support.Tension control is below the Seat.Moulded polyurethane Arms confirming to IS 7078 with steel inserts for long Moulded self skinned polyurethane Arms confirming to IS 7078 with steel insets for long life. one way adjustable - Height Adjustable.Seat is duly upholstered with approved fabric. Chair Should be BIFMA Certified.Seat: Depth- 51.5 cm Width- 44.5 cm Dimensions: Width- 51.5 cm Depth- 53.5 cm Minimum Height- 99.5 cm Maximum Height- 108.5 cm Minimum Seat Height- 44.5 cm Maximum Seat Height- 52.5 cm Width (Arm to Arm)- 66 cm Arm Rest Height- 18- 27.5 cm Chair should be BIFMA and Green Guard certified. ALPHA MB, Make-Featherlite/Geeken/Hof/Equivalent</p>	77.00	NOS		
22.00	<p>Providing & Fixing of Single Seater Sofa of Size: 850L X 790D X 790H Seat Foam: the sofa is made up of fine quality leatherette.The structure is made up of silver wood and pine wood.The Seat is made of PU Foam with Density 32 to 40 +/- 2 kg/cu .mtr Seat is upholstered wuth Leatherite.Back Foam: The Back is made of PU Foam with Density 32 to 40 +/- 2 kg/cu, Backis upholstered with Leatherite.Unterstructure is made up of silver wood or pine wood , 4mm Dia zigzag Spring is mounted in the understructure for support and additional cushioning purpose. Legs should be made up of stainless steel tubes/pipes, S- SERIES, Make- Featherlite/Geeken/Hof/Equivalent</p>	2.00	NOS		
23.00	<p>Providing & Fixing of Double Seater Sofa of Size: 1200L X 790D X 790H Seat Foam: the sofa is made up of fine quality leatherette.The structure is made up of silver wood and pine wood.The Seat is made of PU Foam with Density 32 to 40 +/- 2 kg/cu .mtr Seat is upholstered wuth Leatherite.Back Foam: The Back is made of PU Foam with Density 32 to 40 +/- 2 kg/cu, Backis upholstered with Leatherite.Unterstructure is made up of silver wood or pine wood , 4mm Dia zigzag Spring is mounted in the understructure for support and additional cushioning purpose. Legs should be made up of stainless steel tubes/pipes, S- SERIES, Make- Featherlite/Geeken/Hof/Equivalent</p>	4.00	NOS		
24.00	<p>Providing & Fixing of Three Seater Sofa of Size: 2050L X 790D X 790H Seat Foam: the sofa is made up of fine quality leatherette.The structure is made up of silver wood and pine wood.The Seat is made of PU Foam with Density 32 to 40 +/- 2 kg/cu .mtr Seat is upholstered wuth Leatherite.Back Foam: The Back is made of PU Foam with Density 32 to 40 +/- 2 kg/cu, Backis upholstered with Leatherite.Unterstructure is made up of silver wood or pine wood , 4mm Dia zigzag Spring is mounted in the understructure for support and additional cushioning purpose. Legs should be made up of stainless steel tubes/pipes, S- SERIES, Make- Featherlite/Geeken/Hof/Equivalent</p>	3.00	NOS		
25.00	<p>Providing & Fixing of Corner Table of SIZE:- 550@Dia, 400D Table top made out of stone Base/ Understructure:- Made up of MS and will be powder coated by Nano ceramic surface treatment process compiled to a Bend test-ASTM D3451 – 06, Adhesion -DIN EN 14901 Salt spray test- DIN EN ISO 9227, which is non-hazardous, environmental friendly and will have uniform powder coating thickness of 50-60 micron thickness, CT-867, Make- Featherlite/Geeken/Hof/Equivalent</p>	9.00	NOS		
26.00	<p>Providing & Fixing of Corner Table of SIZE:- 1200W X 900D X 400D Table top made out of stone Base/ Understructure:- Made up of MS and will be powder coated by Nano ceramic surface treatment process compiled to a Bend test-ASTM D3451 – 06, Adhesion -DIN EN 14901 Salt spray test- DIN EN ISO 9227, which is non-hazardous, environmental friendly and will have uniform powder coating thickness of 50-60 micron thickness, CT-867, Make- Featherlite/Geeken/Hof/Equivalent</p>	4.00	NOS		
27.00	<p>Providing & Fixing 3 SEATER LEAF TANDOM CUSHION SEAT WITH ARMS Beam & Legs are from uniquely designed MS tubes, the foot are from high pressure diecast aluminium material comes with height adjustable leellers to take care even if there is a floor undulation upto 8- 10mm. The Feet, Leg & Beam comes in flat pack, knock down condition and are fixed using zinc passivated best grade hardware. Seat is a plastic injection moulded part in PP material, can be offered with or without cushion & in multiple colours selected from Featherlite shade card based on MOQ. Product can be offered with or without the handle / arms. Arms are from Dia 25mm MS tube fixed with PP arm rest. All Metal & aluminium parts comes with powder coating finish of 60-80 micron thk., Make- Featherlite / Geeken / Hof / Ferris/ Equivalent</p>	6.00	NOS		

28.00	Providing & Fixing of Side Storage of Size 900Wx450Dx1200HT will be made in 18 MM PLB (Pre laminated board) with the density of 680kg/m ³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. The PLB will be confirming to E-1 Grade as per the JIS A 5905-2003 standards and approved shade confirming to IS-12823:1990.The back of storage will be made in 9 MM PLB (Pre laminated board) with the density of 680kg/m ³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. Storgage will be provided with edge banding 2 mm thick PVC edge band will confirm to DIN 68861 for resistance to clearers. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification and confirm to ASTM D 4499 standards for viscosity and thermal stability. The edge band material should have Shore D hardness of 79± 4. storage will have two adjustable shelves making 3 compartments.The shutters are fitted with auto closing hinges.Central locking system , levellers & other necessary hardware are provided.Handles will be hand grooved, Make- Featherlite/Geeken/Hof/Equivalent	48.00	NOS		
29.00	Providing & Placing of Dining Chairs : as per design made of teak wood size 95cms high, seat 45cmx45cm, fully upholstered with approved fabric/leatherette, wood polished in melamine finish, all complete as per drawing, specification and direction as approved by the Architect/ Engineer -in-Charge. Customized	8.00	NOS		
30.00	Providing & Placing of Dining Table .Size 60"x30"x30" made of teak wood legs& frame, 19MM board on top with Italian Marbel finish.Teak wood polished in matching shade of mica in melamine finish, all complete as per drawing, specification and direction as approved by the Architect/ Engineer -in-Charge. Customized	2.00	NOS		
31.00	Providing & Making & Fixing of Storage Cabinet made of 19mm board, having shelves & shutters & teak wood beading & finished surface of 1mm thick Laminate including all hardware like tower bolts, hinges, lock & handle as per approved drawing & direction of Engineer incharge.	27.30	SQM		
				TOTAL	

E. FIRE ALARM SYSTEM WORK

FIRE ALARM SYSTEM WORK ESTIMATE						
SR.NO.	DSR/MR	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	DSR(17.1.2) * 0.789 * 115/110	supplying , installation , Testing & commissioning of smoke detector with built in LED and mounting base complete with all connections etc. as required.	90.00	NOS		
2.00	DSR(17.1.3) * 0.789 * 115/110	supplying , installation , Testing & commissioning of manual call boxes of MS construction in surface/recess with stainless steel chain & hammer assembly complete with glass and push button etc. as required.	6.00	NOS		
3.00	DSR(17.1.5) * 0.789 * 115/110	supplying , installation , Testing & commissioning response indicator on surface/recess Ms box having two LEDs metallic cover complete with all connections etc. as required.	24.00	NOS		
4.00	DSR(17.1.6) * 0.789 * 115/110	supplying , installation , Testing & commissioning fire alarm sounder with facility to make announcement, mounted in M.S. box (16 SWG) with hinged cover plate & suitable for operation with amplifier i/c line matching transformer etc. complete as required.	6.00	NOS		
5.00	DSR(17.1.11) * 0.789 * 115/110	supplying , installation , Testing & commissioning of main control and indicating panel made out of 16 SWG MS sheet to accommodate the following items duly powder coated in approved colour with louvers for ventilation, locking arrangement , audio and visual indication for fire alarm and public address system, monitoring system including connections, interconnections etc. complete as required. 10 zone panel for fire alarm system 250 Watt amplifier racks suitable for operation on 230V AC/24V DC supply conforming to IEC-268-3 complete with all accessories as required- 2 Nos. (one to act as standby) Talk back master station with LED PTT (press to talk) push button for operation on 230V AC/24 V DC supply conforming to IEC-268 for simplex mode of operation/ communication suitable for 20 Nos. talk back unit-1 set. Announcement control desk suitable for selection of different zones selectively and on ALL CALL switch with visual indication etc. complete as required -1 set Amplifier change over switch for interchanging amplifier -1 No. Monitor panel for loudspeaker complete with output selector, ON/OFF switch, fuse, visual indications etc. complete as required-1 NO. Gooseneck microphone with stand and ON/OFF switch -1 NO. Main ON/OFF switch, fuse indication lamps, DC and AC voltmeter & ammeters , terminal blocks etc. complete as required-1 set Battery charger trickle cum boost to talk complete load of fire alarm PA system complete with all accessories including providing & fixing of 2 nos. 12 volt, 60 AH each sealed maintenance free batteries-1 set.	1.00	NOS		
6.00	DSR(17.5.2) * 0.789 * 115/110	supplying & laying of 2* 1.5 sqmm fire alarm armoured cable, 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & FRLS outer sheath complete as required.	1,000.00	RMT		
7.00	S.I.(1132)	Supply, Installation, Testing & Commissioning ISI marked portable type fire extinguishers of 4.5 Kg capacity CO2 type as per IS-15683 complete as per specification and fixed / install as per site condition:	4.00	NOS		
8.00	S.I.(1131)	Supply, Installation, Testing & Commissioning ISI marked portable type fire extinguishers of 5 Kg capacity ABC Dry Chemical powder as per IS- 15683 complete as per specification and fixed / install as per site condition :	4.00	NOS		
					TOTAL	

F. VRV AIR-CONDITIONING WORK

VRV AIR-CONDITIONING WORK ESTIMATE					
SR.NO.	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	Supply, Testing & Commissioning of Dakin Brand VRV Outdoor Unit Model 20HP Heat Pump RXYQ20BRY16 all complete as per drawing, specification and direction as approved by Engineer -in Charge.	1.00	NOS		
2.00	Supply, Testing & Commissioning of Dakin Brand VRV Outdoor Unit Model 18HP Heat Pump RXYQ18BRY16 all complete as per drawing, specification and direction as approved by Engineer -in Charge.	2.00	NOS		
3.00	Supply, Testing & Commissioning of Dakin Brand VRV Outdoor Unit Model 16HP Heat Pump RXYQ16BRY16 all complete as per drawing, specification and direction as approved by Engineer -in Charge.	2.00	NOS		
4.00	Supply, Testing & Commissioning of Dakin Brand VRV Outdoor Unit Model 14HP Heat Pump RXYQ16BRY16 all complete as per drawing, specification and direction as approved by Engineer -in Charge.	1.00	NOS		
5.00	Supply, Installation, Testing & Commissioning of Odu Connection kit for two Odu - BHFP22P1656 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	5.00	NOS		
6.00	Supply, Installation, Testing & Commissioning of Odu Connection kit for three Odu - BHFP22P1686 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	4.00	NOS		
7.00	Supply, Installation, Testing & Commissioning of Hi-Wall Type Unit- 1.08 TR + Corded Remote + Refnet, Model-FXAQ32 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	12.00	NOS		
8.00	Supply, Installation, Testing & Commissioning of Hi-Wall Type Unit- 1.32 TR + Corded Remote + Refnet, Model-FXAQ40 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	2.00	NOS		
9.00	Supply, Installation, Testing & Commissioning of Hi-Wall Type Unit- 2.35 TR + Corded Remote + Refnet, Model-FXAQ40 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	2.00	NOS		
10.00	Supply, Installation, Testing & Commissioning of Round Flow Cassette Type Unit- 4.63 TR + Corded Remote + Refnet, Model-FXFSQ140 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	1.00	NOS		
11.00	Supply, Installation, Testing & Commissioning of Round Flow Cassette Type Unit- 4.31 TR + Corded Remote + Refnet, Model-FXFSQ125 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	5.00	NOS		
12.00	Supply, Installation, Testing & Commissioning of Round Flow Cassette Type Unit- 3.31 TR + Corded Remote + Refnet, Model-FXFSQ100 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	5.00	NOS		
13.00	Supply, Installation, Testing & Commissioning of Round Flow Cassette Type Unit- 2.65 TR + Corded Remote + Refnet, Model-FXFSQ80 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	2.00	NOS		

14.00	Supply, Installation, Testing & Commissioning of Round Flow Cassette Type Unit- 2.08 TR + Corded Remote + Refnet, Model- FXFSQ63 all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	2.00	NOS		
15.00	One Time Lifting, shifting, positioning, installation, testing of indoor units, outdoor units, fittings (Imported Y-joints & header etc.) remote controls of indoor units, complete as per specification and drawings, all complete as per drawing, specification and direction as approved by Engineer -in-Charge. OUTDOOR UNITS	5.00	NOS		
16.00	One Time Lifting, shifting, positioning, installation, testing of indoor units, outdoor units, fittings (Imported Y-joints & header etc.) remote controls of indoor units, complete as per specification and drawings, all complete as per drawing, specification and direction as approved by Engineer -in-Charge. INDOOR CASSETTEE UNITS	15.00	NOS		
17.00	One Time Lifting, shifting, positioning, installation, testing of indoor units, outdoor units, fittings (Imported Y-joints & header etc.) remote controls of indoor units, complete as per specification and drawings, all complete as per drawing, specification and direction as approved by Engineer -in-Charge. HI-WALL UNITS	16.00	NOS		
18.00	Commissioning of VRV systems including topping R410A gas per site requirements all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	88.00	LOT		
19.00	Interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported 41.3 mm all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	10.00	RMT		
20.00	Interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported 34.9 mm all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	13.00	RMT		
21.00	Interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported 28.6 mm all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	30.00	RMT		
22.00	Interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported 22.2 mm all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	45.00	RMT		

23.00	Interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported 19.1 mm all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	50.00	RMT		
24.00	Interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported 15.9 mm all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	80.00	RMT		
25.00	Interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported 12.7 mm all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	100.00	RMT		
26.00	Interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported 9.5 mm all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	110.00	RMT		
27.00	Interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported 6.4 mm all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	120.00	RMT		
28.00	Providing & Laying of Cable tray for copper pipe 300MM all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	25.00	RMT		
29.00	Providing & Laying of Cable tray for copper pipe 200MM all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	25.00	RMT		
30.00	Supply, Installation, testing and commissioning of Hard PVC Pipe Suitable for 10 Kg/cm ² water pressure including fittings such as elbow, socket, reducer, etc.insulated with 6 mm thick tubular nitrile insulation, 32 mm dia with 6 MM thickness all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	45.00	RMT		
31.00	Supply, Installation, testing and commissioning of Hard PVC Pipe Suitable for 10 Kg/cm ² water pressure including fittings such as elbow, socket, reducer, etc.insulated with 6 mm thick tubular nitrile insulation, 25 mm dia with 6 MM thickness all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	80.00	RMT		

32.00	Providing & fixing control cum transmission wiring of copper in suitable conduits between indoor and out door unit all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	837.00	RMT		
33.00	Supply & Laying of M S Slotted Angle for pipes and cables horizontally and vertically along with threaded rod, nut, bolt, saddle, tie etc all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	90.00	RMT		
34.00	Wall Chaseing as per site requirement all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	80.00	RMT		
35.00	Supply & Fixing of Outdoor Stand all complete as per drawing, specification and direction as approved by Engineer -in-Charge.	5.00	NOS		
				TOTAL	

G. IP TELEPHONY SYSTEM WORK

IP TELEPHONY SYSTEM ESTIMATE					
SR.NO.	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	Supply, Installation, testing and commissioning of ipbx with powerful & scalable unified communication & collaboration. Supports 1000 Users, 100 Concurrent Calls, Voice Conference, 8 Analog Telephone FXS Port, 8 PSTN Line FXO Port, 1 USB 3.0 Port and 1 USB2.0 Port 1 SD Card Slot. Make - Grandstream or equivalent	1	NOS		
2.00	Supply, Installation, testing and commissioning of Carrier- Grade IP Phones, 2-line model, zero-touch provisioning, 5-way voice conferencing, integrated PoE. Make - Grandstream or equivalent	25	NOS		
3.00	Supply, Installation, testing and commissioning of Carrier- Grade IP Phones, 6-line model, 4.3 inch color LCD screen, zero- touch provisioning, 5-way voice conferencing, integrated PoE. Make - Grandstream or equivalent	5	NOS		
				TOTAL	

H. CCTV SYSTEM WORK

CCTV SYSTEM ESTIMATE					
SR.NO.	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	Supply, Installation, testing and commissioning of IP fixed Cameras, Network TDN IR Indoor/Outdoor Camera, 1/3" CMOS, 2 MP, 3.6 mm Fixed, 24 IR LEDs, PoE, H.264 complete. Make - Dahua or equivalent	24	NOS		
2.00	Supply, Installation, testing and commissioning of 32 VMS channel NVR with Embedded enterprise grade linux processor, real-time H.265 Security baseline 2.1, 1080p@30 fps adaptive decoding, ONVIF and RTSP protocols, resolution HDMI 4K, AI Face detection, perimeter protection, IVS, people counting, heat map, and SMD, BW 160 Mbps, Audio PCM/G711A/G726/AAC, privacy masking, video loss, scene changing, PIR alarm, SATA III port up to 10 TB. Make Dahua/HikVision or equivalent	1	NOS		
3.00	Supply, Installation, testing and commissioning of 6TB SATA Internal with 1M hours MTBF, 180 TB workload rate, write-intensive, low bit-rate, high stream-count, prioritized write-op. Make - WD/Seagate or equivalent	2	NOS		
4.00	Supply, Installation, testing and commissioning of HDBaseT Hdmi Extender Make - Milestone/Bluestream	2	NOS		
5.00	Providing, Installation, Testing & Commissioning of Hig Performance 1.4a standard HDMI 4K Cable. Make - Extron/Nedis/Logic or equivalent	2	NOS		
				TOTAL	

I. NETWORKING & WIFI SYSTEM WORK

NETWORKING & WIFI SYSTEM ESTIMATE					
SR.NO.	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	Supply, Installation, testing and commissioning of 42U Rack complete with standard accessories Make - Dlink/Comrack or equivalent	1.00	NOS		
2.00	Supply, Installation, testing and commissioning of Rack Accessories Make - Dlink/Comrack or equivalent	1.00	NOS		
5.00	Supply, Installation, testing and commissioning of Metal Shelf Rack Make - Dlink/Comrack or equivalent	6.00	NOS		
6.00	Supply, Installation, testing and commissioning of Horizontal Cable Manager Make - Dlink/Comrack or equivalent	8.00	NOS		
7.00	Supply, Installation, testing and commissioning of Cat 6 patch panel, loaded. Make - Dlink/Legrand or equivalent	8.00	NOS		
8.00	Supply, Installation, testing and commissioning of modular patch cables 1m 10/100/1000 Make - AMP/Molex/DC or equivalent	200.00	NOS		
9.00	Supply, Installation, testing and commissioning of 24 port POE switch 10/100/1000. Make - Dlink/Netgear or equivalent	8.00	NOS		
10.00	Supply, Installation, testing and commissioning of Dual Band Wave Wifi 6 Access Points. Make - Grandstream/Netgear or equivalent or equivalent	35.00	NOS		
11.00	Supply, Installation, testing and commissioning of cat6 Informatio0n Outlets, non PCB Pyramid type. Make - Dlink/Amp/Molex or equivalent	120.00	NOS		
12.00	Supply, Installation, testing and commissioning of Dual Face Plates with clear labeling. Make - Dlink/Amp/Molex or equivalent	60.00	NOS		
13.00	Supply, Installation, testing and commissioning of Single Face Plates with clear labeling. Make - Dlink/Amp/Molex or equivalent	45.00	NOS		
14.00	Supply, Installation, testing and commissioning of SMB UTM withXstream architecture, TLS 1.3 Decryption, Gigabit Ethernet, SFP, USB 10.5 Gbps Firewall Throughput with 3 yr protection and support license. Make - Sophos or equivalent	1.00	NOS		
15.00	Supply, Installation, testing and commissioning of Smart Switch, 20 x SFP cages, 4 x SFP+ cages, 4 x Combo ports (Gigabit Ethernet or SFP), 800MHZ CPU, 512MB RAM, 1U rackmount case, Dual Power Supplies, RouterOS L5 or SwitchOS (Dual Boot). Make - Mikrotik or equivalent	1.00	NOS		
17.00	Supply, Installation, testing and commissioning of modular patch cables Make - Syrotech/Dlink	10.00	NOS		
18.00	Supply, Installation, testing and commissioning of 1G SFP Trunking Module . Make - Dlink/Syrotec/Mikrotik or equivalent	20.00	NOS		
TOTAL					

J. AUTOMATION SYSTEM WORK

AUTOMATION SYSTEM ESTIMATE					
SR.NO.	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Supply, Installation, testing and commissioning of 1280ma KNX PSU with Diagnostic Make - Theben/MDT or equivalent	1.00	NOS		
2	Supply, Installation, testing and commissioning of KNX Unviersal Actuator 8CH Make - Theben/MDT or equivalent	2.00	NOS		
3	Supply, Installation, testing and commissioning of KNX Dimming Gateway 4CH 400W Make - Theben/MDT or equivalent	1.00	NOS		
4	Supply, Installation, testing and commissioning of DALI Dimming Broadcast Gateway 4CH Make - Theben/MDT or equivalent	2.00	NOS		
6	Supply, Installation, testing and commissioning of Logic Gateway Make - 1Home/Thinknx or equivalent	1.00	NOS		
7	Supply, Installation, testing and commissioning of PIR Sensor Make - Theben/MDT or equivalent	2.00	NOS		
8	Supply, Installation, testing and commissioning of 4 fold Keypad Make - Theben/MDT/AK/Vibroxx or equivalent	2.00	NOS		
9	Supply, Installation, testing and commissioning of 10" TOUCHSCREEN Make - Theben/MDT/AK/Vibroxx or equivalent	1.00	NOS		
10	Supply, Installation, testing and commissioning of KNX Cable Make - Belden or equivalent	100.00	RMT		
11	Supply, Installation, testing and commissioning of Automation DB.	2.00	NOS		
12	Supply, Installation, testing and commissioning of Automation DB & wiring Accessories. Make Alfa or equivalent	1.00	NOS		
				TOTAL	

K. VIDEO CONFERENCING SYSTEM WORK

VIDEO CONFERENCING SYSTEM ESTIMATE					
SR.NO.	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	Supply, Installation, testing and commissioning of professional-grade PTZ camera with 12x optical zoom lens, H.264/H.265 streaming, USB network, RS485 and RS232 interfaces to control and 1080p60 HDMI video Make - Clearone/Lumens or equivalent	2	NOS		
2.00	Supply, Installation, testing and commissioning of professional-grade PTZ camera with 20x optical zoom lens, H.264/H.265 streaming, USB network, RS485 and RS232 interfaces to control and 1080p60 HDMI video Make - Clearone/Lumens or equivalent	1.00	NOS		
3.00	Supply, Installation, testing and commissioning of PTZ Boom Mount Kit. Make - Custom or equivalent	3.00	NOS		
4.00	Supply, Installation, testing and commissioning of 4 Channel Multiview, recorder and live streaming Camera processor with HDMI and Ethernet Inputs, 1 TB Inbuilt Storage Make - Lumens or equivalent	1.00	NOS		
5.00	S.I.T.C of HDMI Capture to USB with passthrough. Make - AverMedia/Milestone or equivalent	1.00	NOS		
6.00	Supply, Installation, testing and commissioning of 4x4 HDBaseT Switcher Extender kit. Make - Bluestream or equivalent	1.00	NOS		
7.00	Wireless AV platform allows simultaneous content sharing for up to four 1080p presenters , casting Miracast, Google Cast, and AirPlay , Visible wireless streams Up to 4 , Supports YouTube Live streaming, supports 3840x2160@60/59.9/50/30/29.97/25/24/23.98 Hz. Make- Atlona/Screen Beam/ Milestone/ A&T/Crestron or equivalent	1.00	NOS		
8.00	Ultra-thin Intel NUC Core system with 8gb ram and 256gb nvme ssd, wireless keyboard. Make Intel or equivalent	1.00	NOS		
9.00	Supply, Installation, testing and commissioning of HDBaseT KVM Extender RX/TX. Make - Bluestream or equivalent	2.00	NOS		
				TOTAL	

L. PA SYSTEM WORK

PA SYSTEM ESTIMATE					
SR.NO.	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.00	SITC of Central Conference Controller with Recording & Web Server Conference Controller with built-in Digital Signal Processing Control upto minimum 50 Discussion Unit and expandable upto 150 Discussion Unit by configuring multiple Controller Unit. Make - Televic/TOA/Bosch/AT or equivalent	1.00	NOS		
2.00	Chairman Discussion Flush Mount Unit with Removable Microphone : Modern, sleek, and contemporary design, Removable microphone connector, Digital signal processing, Shielded microphone, immune to mobile phone interference, Microphone On/Off button, Loop-through, daisy-chain cabling, Bi-color bar indicator. Make - Televic OR equivalent	2.00	NOS		
3.00	Delegate Discussion Flush Mount Unit with Removable Microphone : Modern, sleek, and contemporary design, Removable microphone connector, Digital signal processing, Shielded microphone, immune to mobile phone interference, Microphone On/Off button, Loop-through, daisy-chain cabling, Bi-color bar indicator, Microphone On/Off or Request-to-speak push button with 2 signaling LEDs. Make - Televic OR equivalent	12.00	NOS		
4.00	S.I.T.C. of UHF Wireless Microphone with 30Mhz selection bandwidth professional balanced XLR output ; audio clip led on reciever. Single AA size battery ; gain control; low battery status indicator; Noiseless on-off mute switch.	1.00	NOS		
5.00	Supply, Installation, testing and commissioning of extension cables assembly of length 50m. Make - Custom	6.00	NOS		
6.00	Supply, Installation, testing and commissioning of extension cables assembly of length 3m. Make - Custom or equivalent	15.00	NOS		
8.00	Supply, Installation, testing and commissioning of Constant Beamwidth Technology Line Array Dual Column Loudspeaker, High Sensitivity 80 Hz – 20 kHz, 8Ohms & 70V / 100V Distributed Lines. Make - JBL or equivalent	2.00	NOS		
9.00	Supply, Installation, Testing & Commissioning of 2-way, Ceiling- mount loudspeaker. Frequency range - 52 Hz to 20 kHz, Rated RMS Power - 80Watts or better, Sensitivity-89 dB SPL or better, Coverage Angle (-6 dB)-100° conical or better, Maximum SPL Continuous/Peak-108dB/114dB or better, Rated Impedance - 8 Ohms. Transformer Tapping - 70V/100V(60, 30, 15, 7.5watts) or better. Transducer - LF - 8-inch or better, HF- .86-inch or better coaxially mounted with LF, Material - Painted ABS polymer Baffle and painted steel grille or better. Safety rating - UL1480, UL2043. Mounting rails and C-Ring for ceiling tile included.	8.00	NOS		
11.00	Supply, Installation, Testing & Commissioning of Quad Channel Class-D amplifier. Per Channel Power 200W or better. Power Sharing or Bridge/Parallel modes for better power distribution. Frequency Response- 20 Hz – 20 kH or better. Signal to Noise ratio -> 103 dB or better, Input impedance - >10k, balanced or unbalanced or better, Front and Rear panel indicators for Power, signal (per channel), limit / mute / protectetc. or better. Better to have Remote standby and Power saving features - Auto- standby.	1.00	NOS		
12.00	Supply, Installation, Testing & Commissioning of Oxyfree Speaker Cable	400.00	RMT		
13.00	Supply, Installation, Testing & Commissioning of Signal Cable	500.00	RMT		
14.00	Supply, Installation, testing and commissioning of Interconnects & Connectors	1.00	NOS		
15.00	Supply, Installation, testing and commissioning of 27U Rack Make - Dlink/Comrack or equivalent	1.00	NOS		
16.00	Supply, Installation, testing and commissioning of Rack Accessories Make - Dlink/Comrack or equivalent	1.00	NOS		
				TOTAL	

M. DISPLAY SYSTEM WORK

DISPLAY SYSTEM ESTIMATE					
SR.NO.	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Supply, Installation, testing and commissioning of 98" high resolution 4k UHD Crystal Pro LFD with HDMI port. All accessories for installation including wall mounting stand/ bracket. Make - Samsung or equivalent	1	NOS		
4	Supply, Installation, Testing & Commissioning of Network Video Endpoint. Minimum Inputs – 1 x HDMI Input and 1 x USB-C for single cable connectivity for Video encoding, AV USB Bridging - emulating webcam video and AEC speakerphone audio driver for Software based Video Conferencing and for charging the connected device. Local - Output – 1x HDMI with Scaling , HDMI audio embedding and deembedding, Network Audio supported via Dante/AES67 or similar protocol, Video Resolution – 4K60 4:4:4 or better. Power – PoE and AUX, Control Port – RS232 or better, Mounting hardware included.	4	NOS		
5	Supply, Installation, Testing & Commissioning of Network Video Endpoint Switcherr. Network bandwidth Requirements - 1 Gbps or lesses, 3 x2 HDMI, HDMI audio embedding and deembedding, Network Audio supported via Dante/AES67 or similar protocol, Video Resolution – 4K60 4:4:4 or better. Power – PoE, Complete with accessories.	1	NOS		
6	Wireless AV platform allows simultaneous content sharing for up to four 1080p presenters , casting Miracast, Google Cast, and AirPlay , Visible wireless streams Up to 4 , Supports YouTube Live streaming, supports 3840x2160@60/59.9/50/30/29.97/25/24/23.98 Hz. Make- Atlona/Screen Beam/ Milestone/ A&T/Crestron or equivalent	1	NOS		
7	Providing, Installation, Testing & Commissioning of Hig Performance 1.4a standard HDMI 4K Cable. Make - Extron/Nedis/Logic	20	NOS		
9	Supply, Installation, testing and commissioning of wall mountable 55" high resolution LED monitor with HDMI port and commercial series suitable for 12x7 operation. All accessories for installation including wall mounting stand/ bracket. Make - SamsunG or equivalent	3	NOS		
10	Supply, Installation, testing and commissioning of wall mountable 65" high resolution LED monitor with HDMI port and commercial series suitable for 12x7 operation. All accessories for installation including wall mounting stand/ bracket. Make - Samsung or equivalent	2	NOS		
11	Supply, Installation, testing and commissioning of wall mountable 85" high resolution LED monitor with HDMI port and commercial series suitable for 12x7 operation. All accessories for installation including wall mounting stand/ bracket. Make - Samsung or equivalent	2	NOS		
				TOTAL	

Note:

- Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities (refer: ITB Clause 14.2 and GCC Clause 45.4).
- Unit rates and prices shall be quoted by the bidder in Indian Rupees (refer: ITB Clause 14.1 and ITB Clause 15.1).
- Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern (refer: ITB Clause 36). [Note: delete this point if the e-procurement system automatically calculates the total from the unit rate and quantity]
- Where there is a discrepancy between the rate in figures and words, the rates in words will govern (refer: ITB Clause 36). [Note: delete this point if the e-procurement system automatically populates the amount in words from the amount in figures]

Section V - Eligible Countries

Eligibility for the Provision of Goods, Works and Non-consulting Services in Bank-Financed Procurement

In reference to ITB 4.8, and 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this Bidding process:

Under ITB 4.8 (a) and 5.1 : *None*

Under ITB 4.8 (b) and 5.1 : *None*

[Note: as and when some country/ countries become ineligible insert the list of such countries following approval by the Bank to apply the restriction]

Section VI - Fraud and Corruption

(Section VI shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders, (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
 - i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v. "obstructive practice" is:
 - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they

occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;

- d. Pursuant to the Bank's Anti-Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;²⁷ (ii) to be a nominated²⁸ sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect²⁹ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

²⁷ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

²⁸ A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

²⁹ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

PART 2 – Works' Requirements

Section VII - Works' Requirements

Specifications

SCOPE OF WORK

Establishment of UP-AGREES Office

Location: 8th Floor, Mandi Bhawan, Ashok Marg, Lucknow (U.P.)

1. Project Overview

The work comprises comprehensive renovation, interior development, MEP services, IT infrastructure, and allied works for establishing a modern, functional, and technology-enabled office space based on an open-office concept. The total area under development is approximately **1145 Sqm**.

The project includes dismantling of existing structures, civil modifications, interior fit-outs, electrical and HVAC installations, furniture supply, and complete IT & communication systems.

2. Detailed Scope of Work

A. Civil & Toilet Works

Dismantling of doors, windows, partitions, RCC/brickwork, plaster, tiles, false ceiling, and disposal of debris.

- Brick masonry, plastering, surface preparation, and finishing works.
- Plumbing works including CPVC piping (20mm/25mm/32mm).
- Installation of sanitary fixtures: wall-hung closets, urinals with sensors, concealed cisterns, basins, mixers, faucets, mirrors, drainers, traps, and accessories.
- Drainage line installation and related fittings.

B. Interior Works

Space planning and open-office layout execution.

- Gypsum and mineral fiber false ceilings.
- Aluminum/gypsum partitions and glazing works.
- Wall paneling, flooring (tiles, wooden flooring, carpet tiles), granite counter works.
- Development of open workstations, conference rooms, project manager offices, corridors, and collaborative areas.
- Painting and surface finishing works.

C. Electrical Works

- Internal electrification and structured cabling.
- Installation of lighting fixtures.
- Power distribution panels and wiring.
- Power outlets for workstations and equipment.

D. Furniture Works

- Modular open workstations.
- Conference tables and seating.
- Storage units and customized office furniture.

E. Fire Alarm System

- Supply and installation of fire detection and alarm system as per applicable standards.

F. VRV Air Conditioning System

- Supply, installation, testing, and commissioning of centralized VRV air-conditioning system.

G. IT & Communication Systems

- IP Telephony
- CCTV Surveillance
- Networking & WiFi
- Automation System
- Video Conferencing System

- PA System
- Display Systems

Includes structured cabling, server integration, digital displays, conference room AV integration, surveillance systems, and smart office automation.

3. Design Concept

- Open Office Concept with visual openness and collaborative workspace.
- Functional zoning including open workstations, private offices, and conference rooms.
- Optimized workflow and space utilization.
- Modern finishes, improved lighting, and enhanced accessibility.
- Technology-enabled and energy-efficient workspace environment.

4. Completion Requirements

The contractor shall execute all works including supply, installation, testing, commissioning, finishing, and handover in complete working condition as per approved drawings, specifications, BOQ, and directions of the Engineer-in-Charge.

Design of Office

Existing Condition (Before Renovation)

- A. The existing office layout lacks modern workspace planning, efficient lighting, and functional openness. The current arrangement includes enclosed areas and underutilized spaces requiring comprehensive interior upgrading.

2. Proposed Open Office Concept

- B. The proposed design adopts an open office concept emphasizing minimal partitions, improved natural light, and enhanced collaboration. The layout promotes transparency, flexibility, and efficient space utilization.

3. Open Workstations Layout

- C. Provision of modular open workstations with adequate circulation corridors to support team interaction, ergonomic comfort, and future scalability.

4. Corridor and Circulation Planning

- D. Well-defined corridors are proposed to ensure smooth movement, accessibility, and compliance with safety norms while maintaining visual openness.

5. Project Manager Office

- E. Dedicated Project Manager cabins are planned with functional furniture, acoustic privacy, and visual connectivity with the open workspace.

6. Conference Room

- F. Modern conference rooms equipped with appropriate interiors, lighting, and space planning to facilitate meetings, presentations, and collaborative discussions.

7. Space Optimization and Flexibility

- G. The redesigned layout maximizes usable area (approx. 1145 sqm) through efficient zoning, multi-purpose spaces, and future-ready interior planning.



U.P. AGREES

CONCEPT

Space Planning & Interior Design

Open Office

An open corporate office design is a workspace layout that emphasizes minimal physical barriers, promoting transparency, collaboration, and flexibility among employees. Unlike traditional office setups that feature enclosed offices and cubicles, open office designs create



OPEN OFFICE CONCEPT

MINIMALISM FUNCTIONALISM

Optimizing workflow

The interior layout will be reconfigured to enhance workflow efficiency and provide maximum flexibility for future needs.

Multi-Purpose Zones

- Collaborative open workspaces
- Quiet, private meeting rooms
- Inviting breakout and lounge areas

NATURAL LIGHT OPEN SPACES





TRANSPARENCY AND ACCESSIBILITY



BENEFITS OF OPEN OFFICE

IMPROVED TRANSPARENCY: Promotes a culture of openness and trust within the organization, as employees can easily interact with each other.

BETTER UTILIZATION OF SPACE: Maximizes the use of available space, accommodating more employees without compromising on comfort.

VISUAL OPENNESS: Removing walls and partitions to create a sense of spaciousness and visibility across the workspace.

ACCESSIBLE LEADERSHIP: Encouraging a flatter organizational structure where leaders are approachable and visible to all employees.



BEFORE & AFTER COMPARISON



Before: Original State

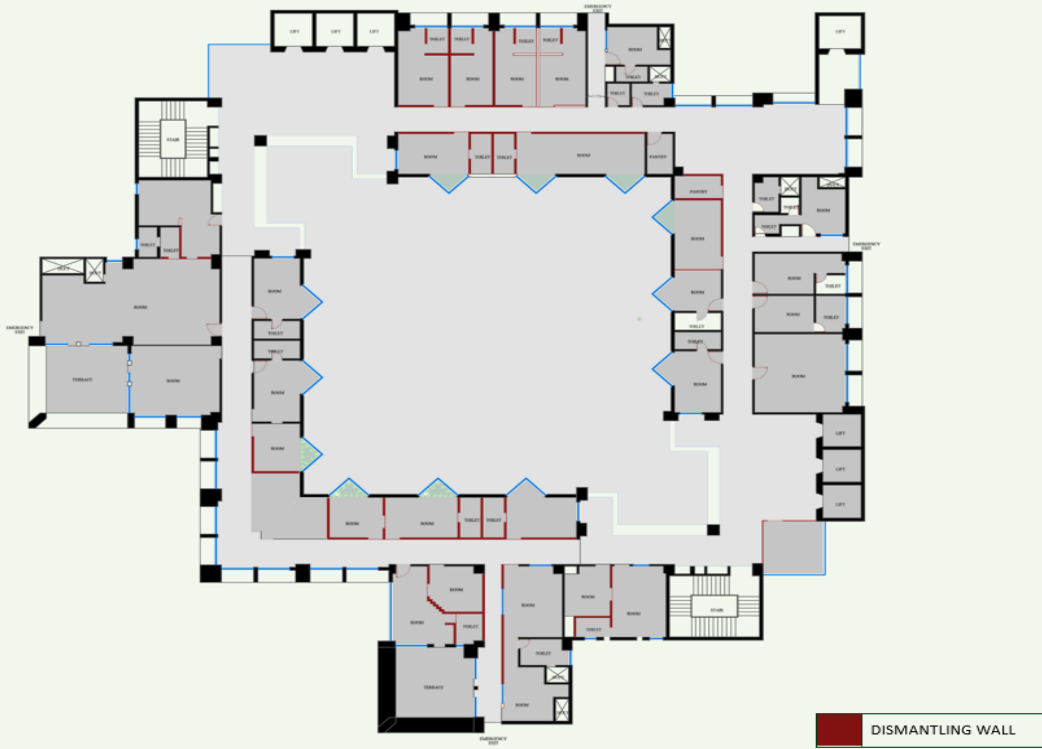
The original interiors often lacked modern amenities, efficient lighting, and an open, flexible layout. The façade appeared worn, reflecting an older architectural style.



After: Transformed Spaces

The renovated spaces boast improved lighting, spatial openness, and cutting-edge materials. Enhanced accessibility aligns with ADA standards.

Existing Floor Plan



Proposed Floor Plan

Area: 1145 Sqm



REQUIREMENT

S.NO	DESCRIPTION	No.
1	PROJECT DIRECTOR	1
2	P.A (Project Director)	1 + 2
3	ADDITIONAL PROJECT DIRECTOR	1
4	P.A (Additional Project Director)	1 + 2
5	SENIOR TECHNICAL EXPERT	10
6	TECHNICAL EXPERT	10
7	COMPUTER OPERATOR DEPUTY MANAGER	16
8	GENERAL MANAGER (ADMIN)	1
9	SENIOR DEPUTY MANAGER	2 + 4
10	GENERAL MANAGER (FINANCE)	1
11	MANAGER	2 + 6

PROPOSED

S.NO	DESCRIPTION	No.
1	PROJECT DIRECTOR	1
2	P.A (Project Director)	1 + 2
3	ADDITIONAL PROJECT DIRECTOR	1
4	P.A (Additional Project Director)	1 + 2
5	SENIOR TECHNICAL EXPERT	10
6	TECHNICAL EXPERT	10
7	COMPUTER OPERATOR DEPUTY MANAGER	14
8	GENERAL MANAGER (ADMIN)	1
9	SENIOR DEPUTY MANAGER	2 + 2
10	GENERAL MANAGER (FINANCE)	1
11	MANAGER	2 + 2

OPEN WORKSTATIONS WITH CORRIDOR



CORRIDOR



OPEN WORKSTATIONS



OPEN WORKSTATIONS



OPEN WORKSTATIONS



OPEN WORKSTATIONS



PROJECT MANAGER OFFICE



**PROJECT MANAGER
OFFICE**



CONFERENCE ROOM



CONFERENCE ROOM



Measurements of Civil & Toilet Works, Interior Works, Electrical Works, and Furniture Works are as follows:

1. MEASUREMENT OF CIVIL & TOILET WORK

MEASUREMENT SHEET							
SR.NO.	ITEM DESCRIPTION	NOS	L	B	H	QTY	UNIT
1.00	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: of area 3 sqm and below.						
	DOOR	26.00	1.00		2.10	26.00	
	TOILET DOOR	23.00	0.75		2.10	23.00	
	VENTILATOR	5.00	0.75		0.60	5.00	
	INSIDE WINDOW	5.00	1.10		1.65	5.00	
					TOTAL	54.00	EACH
2.00	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: of area 3 sqm and above						
	OUTSIDE WINDOW	28.00	2.15		1.65	28.00	
	INSIDE WINDOW	22.00	2.15		2.10	22.00	
					TOTAL	28.00	EACH
3.00	Dismantling Aluminium / Gypsum partitions, doors, Windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge.						
	Full ht partition	1.00	5.26		2.65	13.94	
		1.00	4.51		1.50	6.77	
		1.00	4.60		1.50	6.90	
		1.00	3.77		1.50	5.66	
		2.00	0.60		1.50	1.80	
	False ceiling	1.00	12.95	17.53		227.04	
		1.00	5.70	6.86		39.08	
		1.00	11.58	5.47		63.30	
		1.00	5.53	9.19		50.77	
		1.00	13.06	17.17		224.18	
		1.00	11.50	12.70		146.05	
		1.00	19.01	11.44		217.42	
					TOTAL	1,002.90	SQM
4.00	Demolishing Brick work Manually / by mechanical means including stacking of Serviceable material and Disposal of Unserviceable material within 50 meters lead as per direction of Engineer-in-charge.in Cement mortar.						
	150 th. brick wall	2.00	6.41	0.15	3.65	7.02	
		2.00	6.05	0.15	3.65	6.62	
		2.00	3.31	0.15	3.65	3.63	
		4.00	1.23	0.15	3.65	2.70	
		3.00	3.19	0.15	3.65	5.23	
		1.00	16.71	0.15	3.65	9.15	
		1.00	3.14	0.15	3.65	1.72	
		1.00	2.55	0.15	3.65	1.40	
		1.00	7.46	0.15	3.65	4.08	
		1.00	3.45	0.15	3.65	1.89	
		1.00	3.05	0.15	3.65	1.67	
		1.00	3.89	0.15	3.65	2.13	
		1.00	3.09	0.15	3.65	1.69	
		1.00	16.88	0.15	3.65	9.24	
		5.00	3.15	0.15	3.65	8.61	
		1.00	12.29	0.15	3.65	6.73	

		1.00	1.01	0.15	3.65	0.55	
		1.00	5.25	0.15	3.65	2.87	
		1.00	3.73	0.15	3.65	2.04	
		5.00	3.65	0.15	3.65	9.98	
		1.00	2.38	0.15	3.65	1.30	
		1.00	0.60	0.15	3.65	0.33	
		1.00	5.55	0.15	3.65	3.04	
		1.00	1.64	0.15	3.65	0.90	
		5.00	2.30	0.15	3.65	6.30	
		1.00	3.38	0.15	3.65	1.85	
		5.00	3.59	0.15	3.65	9.83	
	Deduction of door	-26.00	1.00	0.15	2.10	-8.19	
	Office area	1.00	12.95	17.53		227.04	
					TOTAL	331.35	CUM
5.00	Demolishing R.C.C. work Manually / by mechanical means including stacking of Steel bars and Disposal of Unserviceable material within 50 meters lead as per direction of Engineer-in-charge.						
	lintel	16.00	1.00	0.23	0.23	0.85	
		13.00	0.75	0.12	0.15	0.17	
					TOTAL	1.01	CUM
6.00	Extra for Cutting Reinforcement bars Manually by mechanical means R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.						
	lintel	16.00	1.00		0.23	3.68	
		13.00	0.75		0.15	1.46	
	RB work	1.00	4.52		3.65	16.50	
		1.00	5.64		3.65	20.59	
					TOTAL	42.23	SQM
7.00	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 meters lead. For thickness of tiles 10 mm to 25 mm.						
	False ceiling	1.00	12.95	17.53		227.04	
		1.00	5.70	6.86		39.08	
		1.00	11.58	5.47		63.30	
		1.00	5.53	9.19		50.77	
		1.00	13.06	17.17		224.18	
		1.00	11.50	12.70		146.05	
		1.00	19.01	11.44		217.42	
	Toilet wall	2.00	3.05		2.40	14.64	
		2.00	3.07		2.40	14.74	
		4.00	1.33		1.68	8.96	
		2.00	2.05		2.10	8.61	
					TOTAL	1014.78	SQM
8.00	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.						
	Office internal wall area	1.00	8.79		3.20	28.13	
		1.00	2.18		3.20	6.99	
		1.00	3.30		3.20	10.55	
		1.00	2.94		3.20	9.40	
		3.00	1.68		3.20	16.09	
		3.00	2.42		3.20	23.19	
		2.00	3.05		3.20	19.51	
		2.00	3.07		3.20	19.65	
		3.00	2.05		3.20	19.69	
		4.00	1.33		3.20	17.06	

		2.00	3.81		3.20	24.38	
		1.00	3.64		3.20	11.63	
		1.00	4.32		3.20	13.82	
		1.00	3.80		3.20	12.16	
		1.00	2.70		3.20	8.65	
		1.00	1.41		3.20	4.50	
					TOTAL	245.40	SQM
9.00	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meters lead.						
	10 % of item no 7	1.00	24.54			24.54	
					TOTAL	24.54	SQM
10.00	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.						
	Item no:-1	1.00	16.20			16.20	
	Item no:-2	1.00	75.22			75.22	
	Item no:-3	1.00	331.35			331.35	
	Item no:-4	1.00	1.01			1.01	
	Item no:-6	1.00	25.37			25.37	
	Item no:-7	1.00	0.49			0.49	
	Item no:-8	1.00	0.49			0.49	
					TOTAL	450.13	CUM
11.00	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)						
	Pantry	1.00	1.45		3.20	4.63	
	Toilet wall	2.00	1.69		3.20	10.78	
					TOTAL	15.42	SQM
12.00	12 mm thick cement plaster of mix: 1:4 (1 cement: 4 coarse sand)						
	As per item no.8					24.54	
	115 thick wall as per item no. 10	2.00	15.42			30.84	
	Window Jamb lintel & Sill repairing	18.00	4.50	0.30		24.30	
					TOTAL	79.68	SQM
13.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal outer dia Pipes.						
	ADD. PROJECT DIRECTOR TOILET	2.00			10.00	20.00	
	PROJECT DIRECTOR TOILET	1.00			10.00	10.00	
	COMMON MALE TOILET-1,2	2.00			10.00	20.00	
	COMMON FEMALE TOILET-1,2	2.00			10.00	20.00	
	S.T.E TOILET	1.00			10.00	10.00	
	GM FINANCE TOILET	1.00			10.00	10.00	
	GM ADMIN TOILET	1.00			10.00	10.00	
	STORE KEEPER TOILET	1.00			10.00	10.00	
	PANTRY	2.00			10.00	20.00	
						130.00	RMT

14.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 25 mm nominal outer dia Pipes.					
	ADD. PROJECT DIRECTOR TOILET	2.00			10.00	20.00
	PROJECT DIRECTOR TOILET	1.00			10.00	10.00
	COMMON MALE TOILET-1,2	2.00			10.00	20.00
	COMMON FEMALE TOILET-1,2	2.00			10.00	20.00
	S.T.E-6 TOILET	1.00			10.00	10.00
	GM FINANCE TOILET	1.00			10.00	10.00
	GM ADMIN TOILET	1.00			10.00	10.00
	STORE KEEPER TOILET	1.00			10.00	10.00
	PANTRY	2.00			10.00	20.00
					130.00	RMT
15.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 32 mm nominal outer dia Pipes.					
	MAIN LINE	1.00			25.00	25.00
					25.00	RMT
16.00	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink with drain board 510x1040 mm bowl depth 250 mm					
	PANTRY	1.00			1.00	1.00
					1.00	NOS
17.00	Providing & Placing of Looking Mirror pasted on wall with the help of silicon having edges beveled, all complete as per drawing, specification and direction as approved by the Architect/ Engineer -in-Charge. Customized					
	ADD. PROJECT DIRECTOR TOILET	2.00	0.90		0.90	1.80
	PROJECT DIRECTOR TOILET	1.00	0.90		0.90	0.90
	COMMON MALE TOILET-1,2	2.00	0.90		0.90	1.80
	COMMON FEMALE TOILET-1,2	2.00	0.90		0.90	1.80
	S.T.E-6 TOILET	1.00	0.90		0.90	0.90
	GM FINANCE TOILET	1.00	0.90		0.90	0.90
	GM ADMIN TOILET	1.00	0.90		0.90	0.90
	STORE KEEPER TOILET	1.00	0.90		0.90	0.90
					9.90	SQM
18.00	Providing & Fixing of Concealed Stop Cock With Trims as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent or equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00			1.00	2.00
	PROJECT DIRECTOR TOILET	1.00			1.00	1.00
	COMMON MALE TOILET-1,2	2.00			1.00	2.00
	COMMON FEMALE TOILET-1,2	2.00			1.00	2.00
	S.T.E-6 TOILET	1.00			1.00	1.00

	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
	PANTRY	2.00		2.00	4.00	
					15.00	NOS
19.00	Providing & Fixing of Floor Drainer as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00		1.00	2.00	
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00	
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00	
	S.T.E-6 TOILET	1.00		1.00	1.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
	PANTRY	2.00		2.00	4.00	
					15.00	NOS
20.00	Providing & Fixing of Wall hung Closet with Soft Close Seat Cover Fixed with Jumbo Bolts as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00		1.00	2.00	
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00	
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00	
	S.T.E-6 TOILET	1.00		1.00	1.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
					11.00	NOS
21.00	Providing and fixing Urinal With Sensor Make-Kerovit, as per the approved design all complete as per drawing, specification and direction of engineer incharge.					
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
					2.00	NOS
22.00	Providing and fixing Urinal Partition Make-Kerovit, as per the approved design all complete as per drawing, specification and direction of engineer incharge.					
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
					2.00	NOS
23.00	Providing & Fixing of Concealed Cistern With Push Plate as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00		1.00	2.00	
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00	
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00	
	S.T.E-6 TOILET	1.00		1.00	1.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
					11.00	NOS
24.00	Providing and fixing of Under Counter Basin as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00		1.00	2.00	
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00	
					3.00	NOS

25.00	Providing & fixing of Basin Mixer as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00			1.00	2.00
	PROJECT DIRECTOR TOILET	1.00			1.00	1.00
	COMMON MALE TOILET-1,2	2.00			1.00	2.00
	COMMON FEMALE TOILET-1,2	2.00			1.00	2.00
	S.T.E-6 TOILET	1.00			1.00	1.00
	GM FINANCE TOILET	1.00			1.00	1.00
	GM ADMIN TOILET	1.00			1.00	1.00
	STORE KEEPER TOILET	1.00			1.00	1.00
						11.00
						NOS
26.00	Providing and fixing Sink Mixer as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	PANTRY	2.00			1.00	2.00
						2.00
						NOS
27.00	Providing and fixing 2 Way Bib Tap as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00			1.00	2.00
	PROJECT DIRECTOR TOILET	1.00			1.00	1.00
	COMMON MALE TOILET-1,2	2.00			1.00	2.00
	COMMON FEMALE TOILET-1,2	2.00			1.00	2.00
	S.T.E-6 TOILET	1.00			1.00	1.00
	GM FINANCE TOILET	1.00			1.00	1.00
	GM ADMIN TOILET	1.00			1.00	1.00
	STORE KEEPER TOILET	1.00			1.00	1.00
						11.00
						NOS
28.00	Providing & fixing Health Faucet as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00			1.00	2.00
	PROJECT DIRECTOR TOILET	1.00			1.00	1.00
	COMMON MALE TOILET-1,2	2.00			1.00	2.00
	COMMON FEMALE TOILET-1,2	2.00			1.00	2.00
	S.T.E-6 TOILET	1.00			1.00	1.00
	GM FINANCE TOILET	1.00			1.00	1.00
	GM ADMIN TOILET	1.00			1.00	1.00
	STORE KEEPER TOILET	1.00			1.00	1.00
						11.00
						NOS
29.00	Providing and fixing of Angle Cock as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00			2.00	4.00
	PROJECT DIRECTOR TOILET	1.00			2.00	2.00
	COMMON MALE TOILET-1,2	2.00			2.00	4.00
	COMMON FEMALE TOILET-1,2	2.00			2.00	4.00
	S.T.E-6 TOILET	1.00			2.00	2.00
	GM FINANCE TOILET	1.00			2.00	2.00
	GM ADMIN TOILET	1.00			2.00	2.00
	STORE KEEPER TOILET	1.00			2.00	2.00
	PANTRY	2.00			2.00	4.00
						26.00
						NOS
30.00	Providing and fixing of Bottle Trap as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	ADD. PROJECT DIRECTOR TOILET	2.00			1.00	2.00
	PROJECT DIRECTOR TOILET	1.00			1.00	1.00
	COMMON MALE TOILET-1,2	2.00			1.00	2.00

	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00
	S.T.E-6 TOILET	1.00		1.00	1.00
	GM FINANCE TOILET	1.00		1.00	1.00
	GM ADMIN TOILET	1.00		1.00	1.00
	STORE KEEPER TOILET	1.00		1.00	1.00
	PANTRY	2.00		1.00	2.00
					13.00 NOS
31.00	Providing and fixing of Toilet Paper Holder as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent				
	ADD. PROJECT DIRECTOR TOILET	2.00		1.00	2.00
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00
	S.T.E-6 TOILET	1.00		1.00	1.00
	GM FINANCE TOILET	1.00		1.00	1.00
	GM ADMIN TOILET	1.00		1.00	1.00
	STORE KEEPER TOILET	1.00		1.00	1.00
					7.00 NOS
32.00	Providing and fixing of Towel Ring as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent				
	ADD. PROJECT DIRECTOR TOILET	2.00		1.00	2.00
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00
	COMMON MALE TOILET-1,2	2.00		1.00	2.00
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00
	S.T.E-6 TOILET	1.00		1.00	1.00
	GM FINANCE TOILET	1.00		1.00	1.00
	GM ADMIN TOILET	1.00		1.00	1.00
	STORE KEEPER TOILET	1.00		1.00	1.00
					11.00 NOS
33.00	Providing and fixing of Soap Dispenser as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent				
	ADD. PROJECT DIRECTOR TOILET	2.00		1.00	2.00
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00
	COMMON MALE TOILET-1,2	2.00		1.00	2.00
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00
	S.T.E-6 TOILET	1.00		1.00	1.00
	GM FINANCE TOILET	1.00		1.00	1.00
	GM ADMIN TOILET	1.00		1.00	1.00
	STORE KEEPER TOILET	1.00		1.00	1.00
					11.00 NOS
34.00	Providing and fixing of Waste Coupling as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent				
	ADD. PROJECT DIRECTOR TOILET	2.00		1.00	2.00
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00
	COMMON MALE TOILET-1,2	2.00		1.00	2.00
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00
	S.T.E-6 TOILET	1.00		1.00	1.00
	GM FINANCE TOILET	1.00		1.00	1.00
	GM ADMIN TOILET	1.00		1.00	1.00
	STORE KEEPER TOILET	1.00		1.00	1.00
	PANTRY	2.00		1.00	2.00
					13.00 NOS
35.00	Providing and fixing of Long Braided Hos Pipe as per the approved design all complete as per drawing, specification and direction of engineer incharge.				
	ADD. PROJECT DIRECTOR TOILET	2.00		2.00	4.00
	PROJECT DIRECTOR TOILET	1.00		2.00	2.00
	COMMON MALE TOILET-1,2	2.00		4.00	8.00
	COMMON FEMALE TOILET-1,2	2.00		4.00	8.00

	S.T.E-6 TOILET	1.00		2.00	2.00	
	GM FINANCE TOILET	1.00		2.00	2.00	
	GM ADMIN TOILET	1.00		2.00	2.00	
	STORE KEEPER TOILET	1.00		2.00	2.00	
	PANTRY	2.00		2.00	4.00	
					34.00	NOS
36.00	Providing and fixing of 110mm dia pipe 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.					
	ADD. PROJECT DIRECTOR TOILET	2.00		12.00	24.00	
	PROJECT DIRECTOR TOILET	1.00		12.00	12.00	
	COMMON MALE TOILET-1,2	2.00		12.00	24.00	
	COMMON FEMALE TOILET-1,2	2.00		12.00	24.00	
	S.T.E-6 TOILET	1.00		12.00	12.00	
	GM FINANCE TOILET	1.00		12.00	12.00	
	GM ADMIN TOILET	1.00		12.00	12.00	
	STORE KEEPER TOILET	1.00		12.00	12.00	
	PANTRY	2.00		12.00	24.00	
					156.00	RMT
37.00	Providing and fixing of 110mm dia Elbow 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.					
	ADD. PROJECT DIRECTOR TOILET	2.00		5.00	10.00	
	PROJECT DIRECTOR TOILET	1.00		5.00	5.00	
	COMMON MALE TOILET-1,2	2.00		6.00	12.00	
	COMMON FEMALE TOILET-1,2	2.00		6.00	12.00	
	S.T.E-6 TOILET	1.00		5.00	5.00	
	GM FINANCE TOILET	1.00		5.00	5.00	
	GM ADMIN TOILET	1.00		5.00	5.00	
	STORE KEEPER TOILET	1.00		5.00	5.00	
	PANTRY	2.00		6.00	12.00	
					71.00	NOS
38.00	Providing and fixing of 110mm dia 45 Degree Elbow, 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.					
	ADD. PROJECT DIRECTOR TOILET	2.00		4.00	8.00	
	PROJECT DIRECTOR TOILET	1.00		5.00	5.00	
	COMMON MALE TOILET-1,2	2.00		5.00	10.00	
	COMMON FEMALE TOILET-1,2	2.00		4.00	8.00	
	S.T.E-6 TOILET	1.00		4.00	4.00	
	GM FINANCE TOILET	1.00		3.00	3.00	
	GM ADMIN TOILET	1.00		3.00	3.00	
	STORE KEEPER TOILET	1.00		3.00	3.00	
	PANTRY	2.00		3.00	6.00	
					50.00	NOS
39.00	Providing and fixing of 110mm dia Socket, 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.					
	ADD. PROJECT DIRECTOR TOILET	2.00		4.00	8.00	
	PROJECT DIRECTOR TOILET	1.00		4.00	4.00	
	COMMON MALE TOILET-1,2	2.00		5.00	10.00	
	COMMON FEMALE TOILET-1,2	2.00		5.00	10.00	
	S.T.E-6 TOILET	1.00		3.00	3.00	
	GM FINANCE TOILET	1.00		3.00	3.00	
	GM ADMIN TOILET	1.00		3.00	3.00	
	STORE KEEPER TOILET	1.00		3.00	3.00	
	PANTRY	2.00		4.00	8.00	
					52.00	NOS
40.00	Providing and fixing of 110mm dia Tee, 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.					
	ADD. PROJECT DIRECTOR TOILET	2.00		2.00	4.00	
	PROJECT DIRECTOR TOILET	1.00		2.00	2.00	
	COMMON MALE TOILET-1,2	2.00		3.00	6.00	
	COMMON FEMALE TOILET-1,2	2.00		3.00	6.00	

	S.T.E-6 TOILET	1.00		2.00	2.00	
	GM FINANCE TOILET	1.00		2.00	2.00	
	GM ADMIN TOILET	1.00		2.00	2.00	
	STORE KEEPER TOILET	1.00		2.00	2.00	
	PANTRY	2.00		2.00	4.00	
					30.00	NOS
41.00	Providing and fixing of 110x110mm dia Nahani Trap, 6kg pressure of Supreme make or equivalent, including supply of all materials, labour and T&P etc.					
	ADD. PROJECT DIRECTOR TOILET	2.00		2.00	4.00	
	PROJECT DIRECTOR TOILET	1.00		2.00	2.00	
	COMMON MALE TOILET-1,2	2.00		3.00	6.00	
	COMMON FEMALE TOILET-1,2	2.00		3.00	6.00	
	S.T.E-6 TOILET	1.00		3.00	3.00	
	GM FINANCE TOILET	1.00		2.00	2.00	
	GM ADMIN TOILET	1.00		2.00	2.00	
	STORE KEEPER TOILET	1.00		2.00	2.00	
	PANTRY	2.00		2.00	4.00	
					31.00	NOS
42.00	Providing and fixing of half Pedistral Basin as per the approved design all complete as per drawing, specification and direction of engineer incharge. Make-Kerovit/Equivalent					
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00	
	S.T.E-6 TOILET	1.00		1.00	1.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
					8.00	NOS

2. MEASUREMENT OF INTERIOR WORK

MEASUREMENT SHEET							
SR.NO.	ITEM DESCRIPTION	NOS	L	B	H	QTY	UNIT
1.00	Providing & Fixing of at all height false ceiling including providing and fixing of frame made of special section power pressed from m.s. sheet and galvanized in accordance with zinc coating of grade 350 as per IS 277 and consisting of angle cleat 25x1.6mm with flanges of 27mm and 37mm at 1200mm c/c one flanged fix to the ceiling with dash fastener 12.5mm dia and and 40mm long with 6mm dia bolt to the angle hangers of 25x25x0.55 mm of required lengthened other end of angle hanger being fixed with nut and bolts to GI channel 45x15x0.90mm running at the rate of 1200 mm c/c to with the ceiling section 0.5mm thick button wedges of 80mm with tapered flanges of 26 mm each having clips of 10.5mm.at 450mm/ c shall be fixed in direction perpendicular to GI channels with connecting clips made out of 2.64MM diax230mm long GI wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.50 mm thick 27mm high having flanges of 20mm and 30mm long ,perimeter of ceiling fixed to wall /partition with help of rawl plugs at 450mm c/c with 25 mm long drive all screws @230mm interval including jointing and fixing to a flush finish of tapered end sq edge of board with recommended filler jointing and tapper finisher and two coat of primer suitable for board as per manufacturers specification and also including the cost of making of opening for light fittings grills diffusers cutouts made with frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of engineer incharge but excluding the cost of painting. 12.50mm thick tapered edge gypsum board.						
	MEETING HALL	1.00	12.70	6.29		79.88	
	S.T.E 1,2,3,4,5	5.00	3.28	3.20		52.48	
	PANTRY	1.00	1.75	3.15		5.51	
	S.T.E 6	1.00	3.37	2.95		9.93	
	S.T.E -6 TOILET	1.00	1.18	2.13		2.51	
	CORRIDOR	1.00	24.25	1.80		43.64	
	WORKSTATION	1.00	6.25	5.46		34.10	
	T.E. 1,2,3,4,5,6	6.00	3.97	3.09		73.51	
	CORRIDOR	1.00	10.85	1.20		13.01	
	COMMON MALE TOILET 1,2	2.00	2.63	1.63		8.53	
	COMMON FEMALE TOILET 1,2	2.00	1.45	1.67		4.83	
	STORE KEEPER	1.00	4.43	2.97		13.13	
	STORE KEEPER TOILET	1.00	1.23	1.25		1.53	
	T.E. 7,8	2.00	3.80	3.37		25.61	
	S.T.E 7,8	2.00	3.20	3.37		21.57	
	S.T.E 9,10	2.00	3.20	2.74		17.50	
	T.E. -9	1.00	3.59	5.55		19.90	
	RECORD ROOM	1.00	2.46	3.37		8.29	
	ADD. PROJECT DIRECTOR	1.00	8.00	6.10		48.80	
	ADD. PROJECT DIRECTOR REST ROOM	1.00	4.53	4.23		19.16	
	ADD. PROJECT DIRECTOR PA/PS	1.00	3.40	3.96		13.46	
	ADD. PROJECT DIRECTOR TOILET	1.00	3.27	2.05		6.70	
	CORRIDOR	1.00	24.53	1.80		44.15	
	FINANCE OFFICE	1.00	5.71	3.37		19.24	
	ADMIN OFFICE	1.00	3.41	5.71		19.48	
	GM ADMIN	1.00	3.12	4.75		14.81	
	GM ADMIN TOILET	1.00	3.12	1.40		4.37	
	GM FINANCE	1.00	3.12	4.75		14.81	
	GM FINANCE TOILET	1.00	3.12	1.40		4.37	
	PROJECT DIRECTOR	1.00	5.98	10.30		61.59	
	PROJECT DIRECTOR REST ROOM	1.00	5.96	4.59		27.33	
	PROJECT DIRECTOR PA/PS	1.00	4.10	4.36		17.86	
	PROJECT DIRECTOR TOILET	1.00	1.24	2.33		2.89	
	CORRIDOR	1.00	22.40	1.80		40.32	
	PANTRY	1.00	4.88	4.36		21.25	
						816.08	
	Add 25% for vertical and cove	1.00			204.02	204.02	
						1,020.10	
	Deduction Item No. 2	(1.00)			476.13	(476.13)	
	Deduction Item No. 3	(1.00)			100.81	(100.81)	
					TOTAL	443.16	SQM

2.00	<p>Providing & Fixing of Armstrong Mineral Fibre Acoustical Suspended Ceiling System with Dune (Bevelled Tegular) Edge Tiles With Armstrong 15mm Exposed GRID. The tiles should have Humidity Resistance (RH) of 99%, NRC 0.7, Light Reflectance Thermal Conductivity k = 0.052 - 0.057 w/m K, Colour White, Fire Performance UK Class 0 / Class 1 (BS 476 pt - 6 & 7) in module size of 600 x 600 x 15mm , suitable for Green Building application, with Recycled content of 63%. The tile shall be laid on Armstrong Suprafine 32 with 15 mm wide T - section flanges colour white having rotary stitching on all T sections i.e. the Main Runner, 1200 mm & 600 mm Cross Tees with a web height of 32mm and a load carrying capacity of 8.8 Kgs/M2 & pull out strength of 100Kgs. The T Sections have a Galvanizing of 90 grams per M2 and need to be installed with Suspension system of Armstrong make. INSTALLATION: To comprise main runner spaced at 1200mm centres securely fixed to the structural soffit using Armstrong suspension system (specifications below) at 1200mm maximum centre. The First/Last Armstrong suspension system at the end of each main runner should not be greater than 450mm from the adjacent wall. Flush fitting 1200mm long cross tees to be interlocked between main runners at 600mm centre to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600 x 600mm module to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200 mm cross tees. Perimeter trim to be Armstrong wall angles of size 3000x19x19mm, secured to walls at 450 mm maximum centres. ARMSTRONG SUSPENSION SYSTEM - Armstrong make Anchor Fastener, Hanger Wire 2.5mm dia, Hook Clip with J Wire assembly. Approved Makes - Armstrong, Shera, Nitco. or equivalent</p>							
	S.T.E 1,2,3,4,5	5.00	3.28	3.20			52.48	
	PANTRY	1.00	1.75	3.10			5.43	
	S.T.E 6	1.00	3.37	2.95			9.93	
	T.E 1,2,3,4,5,6	6.00	3.97	3.09			73.51	
	STORE KEEPER	1.00	4.43	2.97			13.13	
	T.E 7,8	2.00	3.80	3.37			25.61	
	S.T.E 7,8	2.00	3.20	3.37			21.57	
	S.T.E 9,10	2.00	3.20	2.74			17.50	
	T.E -9	1.00	3.59	5.55			19.90	
	RECORD ROOM	1.00	2.46	3.37			8.29	
	ADD. PROJECT DIRECTOR PA/PS	1.00	3.40	3.96			13.46	
	CORRIDOR	1.00	24.53	1.80			44.15	
	WORKSTATION	1.00	6.25	5.46			34.10	
	FINANCE OFFICER	1.00	5.71	3.37			19.24	
	ADMIN OFFICER	1.00	3.41	5.71			19.48	
	GM ADMIN	2.00	3.12	4.75			29.62	
	GM FINANCE	2.00	3.12	4.75			29.62	
	PROJECT DIRECTOR PA/PS	1.00	4.10	4.36			17.86	
	PANTRY	1.00	4.88	4.36			21.25	
					TOTAL		476.13	SQM
3.00	<p>Providing and fixing in true horizontal level Cellio Open Cell Aluminium lay-in ceiling tiles with border panels forming flush-Tegular edge of size 600mmx600mm having Fire Performance Class A1 (EN13964). The tile of Black/ RAL Co-ordinated color with cell size 100mm X 100mm shall be laid on Black painted Armstrong Suprafine 38 of 15mm profile grid system comprising Main runners (3000mm), 1200mm and 600mm cross tees with 15mm white flanges and 38mm web height. The Tile shall be laid on Armstrong Suprafine 38 with 15mm wide T - section flanges color white having rotary stitching on all T sections i.e. the Main Runner with C3 coupling, 1200 mm & 600 mm Cross Tees with Hardened XL2 Clip having a web height of 38 mm and a load carrying capacity of 15.5 Kgs/M. The T Sections have a Galvanizing of 90 grams per M2 with pull out strength of 100 Kgs. INSTALLATION: To comprise main runner spaced at 1200mm centers securely fixed to the structural soffit by approved hangers at 1200mm maximum centre & not more than 150mm from spliced joints. The last hanger at the end of each main runner should not be greater than 600mm from the adjacent wall. 1200mm long cross tees to be interlocked between main runners at 600mm centre to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600 x 600mm module to be formed by fitting 600mm long cross tees centrally between the 1200 mm cross tees. Installation to be carried out by Trained Installation team & Installation should be carried out as per recommended procedure. Perimeter trim to be wall angles of size 3000x19x19mm, secured to walls at 450 mm maximum centres. SUSPENSION SYSTEM - Anchor Fastener, Hanger Wire 2.5mm dia, Hook Clip with J Wire assembly. APPROVED MAKE - Armstrong/ HiSteel/Equivalent</p>							
	CORRIDOR	1.00	24.25	1.80			43.64	
		1.00	10.85	1.20			13.01	
		1.00	24.53	1.80			44.15	
					TOTAL		100.81	SQM
4.00	<p>Providing & fixing Armstrong Vertical Linear Baffle Ceiling made out of GI Extrusion in GI alloy grade. The baffle blade shall be in size of 100x 25 x 3600mm. The baffle blade shall be suspended using Slotted U-profile at on-center spacing in multiples of 25mm. longer lengths of Baffle to be connected by Baffle Joiner and the ends to be fixed with End caps. Installation of U-Grid: The U profile to be suspended at every 1200mm on-centre using 6mm threaded rod from the structural soffit using U-profile hanger. U-profile splice to be used to join more than one U profiles of length 3.75M. 1st U-Grid Channel must be no more than 400mm from the perimeter. as per the approved design all complete as per drawing, specification and direction of Architect/ Engineer -in-Charge. APPROVED MAKE - Armstrong/ HiSteel/Equivalent</p>							

	MEETING HALL	1.00	12.70	3.00		38.10	
					TOTAL	38.10	SQM
5.00	Providing and fixing of 12 mm Thick Laminated wooden flooring range grand illusion/ studio Classification/ Herringbone of Use 23/32 (Heavy Domestic/Domestic) with a Surface Abrasion Resistance of class AC3 (average 4500 cycles), Impact Resistance of IC2 (EN13329), Resistance to Cigarette Burn with a rating of 5 (EN 438-2:15), Swelling after 24 hrs in water of 15% (EN13329), Modulus of Rupture of 53.3 newton/mm2, Internal Bond 1.78 newton/mm2, Surface Soundness of 1.3 newton/mm2 (EN 13329:2000) with a 0.2mm thick wear layer on top of a High Density Fiber substrate core (density > 850 Kg/M3) of plank size 1212 mm X 137 mm having Uni fit locking arrangement (lock strength > 1000 lbs/ft) with an underlayment made of natural colour foam , with accessories like End profile, Transition profile, reducer, etc. complete. The rate includes cost of all materials, accessories, labour, HOM, etc., complete at all levels, all complete as per drawing, specification and direction as approved by the Architect/ Engineer -in-Charge. Make- Armstrong, Mikasa, Luxe, fcm1 Equivalent						
	ADD. PROJECT DIRECTOR	1.00	8.00	6.10		48.80	
	ADD. PROJECT DIRECTOR REST ROOM	1.00	4.53	4.23		19.16	
	PROJECT DIRECTOR	1.00	5.98	10.30		61.59	
	PROJECT DIRECTOR REST ROOM	1.00	5.96	4.59		27.33	
	MEETING HALL	1.00	12.70	3.29		41.78	
					TOTAL	198.67	SQM
6.00	Supply & fixing of first radiant/first line/Japan carpet tile tufted 1/10" loop carpet tile 100% PA6 solution dyed aquation backing back to back modified bitumen, 10% recycled content included, fire resistant EN-1350-1B,,S1, pile height Ca.2.9 mm, total weight ca 4300 gm/m2, pile density ca 0.114gm/cm3, thermal resistant ISO8302.0.047m2 K/W, impact noise rating ISO10140(1000Hz) tile size should be (500 cm X 500 cm) duly installed on smooth and hard surface with company recommended adhesive.						
	MEETING HALL	1.00	12.70	3.00		38.10	
					TOTAL	38.10	SQM
7.00	Providing and laying of Double Charged floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x1200mm						
	MEETING HALL	1.00	12.70	6.29		79.88	
	S.T.E 1,2,3,4,5	5.00	3.28	3.20		52.48	
	PANTRY	1.00	1.75	3.10		5.43	
	S.T.E 6	1.00	3.37	2.95		9.93	
	CORRIDOR	1.00	24.25	1.80		43.64	
	WORKSTATION	1.00	6.25	5.46		34.10	
	T.E. 1,2,3,4,5,6	6.00	3.97	3.09		73.51	
	CORRIDOR	1.00	10.85	1.20		13.01	
	STORE KEEPER	1.00	4.43	2.97		13.13	
	T.E. 7,8	2.00	3.80	3.37		25.61	
	S.T.E 7,8	2.00	3.20	3.37		21.57	
	RECORD ROOM	1.00	2.46	3.37		8.29	
	ADD. PROJECT DIRECTOR PA/PS	1.00	3.40	3.96		13.46	
	TERRACE	1.00	5.28	5.50		29.01	
	CORRIDOR	1.00	24.53	1.80		44.15	
	FINANCE OFFICER	1.00	5.71	3.37		19.24	
	ADMIN OFFICER	1.00	3.41	5.71		19.48	
	GM ADMIN	1.00	3.12	4.75		14.81	
	GM FINANCE	1.00	3.12	4.75		14.81	
	PROJECT DIRECTOR PA/PS	1.00	4.10	4.36		17.86	
	TERRACE	1.00	5.50	5.26		28.93	
	CORRIDOR	1.00	22.40	1.80		40.32	
	PANTRY	1.00	4.88	4.36		21.25	
						643.91	
	Add 10% for SKIRTING	1.00			64.39	64.39	
						708.30	
	Deduction for Wooden Flooring	(1.00)			198.67	(198.67)	
	Deduction for Carpet Flooring	(1.00)			38.10	(38.10)	
					TOTAL	471.53	SQM
8.00	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm						
	S.T.E -6 TOILET	1.00	1.18	2.13		2.51	
		2.00	1.18		2.40	5.66	
		2.00	2.13		2.40	10.22	
	COMMON MALE TOILET 1,2	2.00	2.63	1.63		8.53	
		4.00	2.63		2.40	25.20	
		4.00	1.63		2.40	15.65	
	COMMON FEMALE TOILET 1,2	2.00	1.45	1.67		4.83	
		4.00	1.45		2.40	13.92	
		4.00	1.67		2.40	16.03	
	STORE KEEPER TOILET	1.00	1.23	1.25		1.53	
		2.00	1.23		2.40	5.90	
		2.00	1.25		2.40	6.00	

	GM ADMIN TOILET	2.00	3.12	1.40		8.74	
		2.00	3.12		2.40	14.98	
		2.00	1.40		2.40	6.72	
	GM FINANCE TOILET	2.00	3.12	1.40		8.74	
		2.00	3.12		2.40	14.98	
		2.00	1.40		2.40	6.72	
	ADD. PROJECT DIRECTOR TOILET	1.00	3.27	2.05		6.70	
		2.00	3.27		2.40	15.70	
		2.00	2.05		2.40	9.84	
	PROJECT DIRECTOR TOILET	1.00	1.24	2.33		2.89	
		2.00	1.24		2.40	5.95	
		2.00	2.33		2.40	11.18	
	Deduction of Door	(10.00)	0.75		2.40	(18.00)	
	Deduction of Vent	(3.00)	0.60		0.60	(1.08)	
					TOTAL	210.04	SQM
9.00	Grouting the joints of flooring tiles having joints using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.						
	QTY SAME AS ITEM NO.6	1.00			471.53	471.53	
	QTY SAME AS ITEM NO.7	1.00			210.04	210.04	
					TOTAL	681.57	SQM
10.00	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red Area of slab over 0.50 sqm						
	ADD. PROJECT DIRECTOR TOILET	1.00	0.60	0.60		0.36	
	PROJECT DIRECTOR TOILET	1.00	0.60	0.60		0.36	
	PANTRY-1	1.00	3.55	0.60		2.13	
		1.00	4.28	0.60		2.57	
	PANTRY-2	1.00	1.75	0.60		1.05	
		1.00	2.55	0.60		1.53	
	ALL INTERNAL DOORS BOTTOM						
	CORRIDOR	3.00	1.80	0.25		1.35	
		1.00	1.20	0.25		0.30	
	MEETING HALL	2.00	1.05	0.08		0.16	
	S.T.E 1,2,3,4,5	5.00	0.90	0.08		0.34	
	S.T.E 6	1.00	1.00	0.15		0.15	
	S.T.E 7,8	2.00	0.90	0.08		0.14	
	S.T.E 9,10	2.00	1.00	0.08		0.15	
	STORE KEEPER	1.00	0.90	0.15		0.14	
	RECORD ROOM	1.00	1.00	0.08		0.08	
	ADD. PROJECT DIRECTOR	1.00	0.90	0.15		0.14	
	ADD. PROJECT DIRECTOR REST ROOM	1.00	0.90	0.08		0.07	
	ADD. PROJECT DIRECTOR PA/PS	1.00	0.90	0.08		0.07	
	GM ADMIN	1.00	1.00	0.15		0.15	
	GM FINANCE	1.00	1.00	0.15		0.15	
	PROJECT DIRECTOR	1.00	1.00	0.15		0.15	
	PROJECT DIRECTOR REST ROOM	2.00	0.90	0.08		0.14	
	PROJECT DIRECTOR PA/PS	1.00	0.90	0.15		0.14	
	S.T.E -6 TOILET	1.00	0.75	0.15		0.11	
	PANTRY	1.00	1.00	0.15		0.15	
	COMMON MALE TOILET 1,2	2.00	0.75	0.15		0.23	
	COMMON FEMALE TOILET 1,2	2.00	0.75	0.15		0.23	
	STORE KEEPER TOILET	1.00	0.75	0.15		0.11	
	ADD. PROJECT DIRECTOR TOILET	1.00	0.75	0.15		0.11	
	PROJECT DIRECTOR TOILET	1.00	0.75	0.15		0.11	
	GM ADMIN TOILET	1.00	0.75	0.15		0.11	
	GM FINANCE TOILET	1.00	0.75	0.15		0.11	
	PANTRY	1.00	0.90	0.15		0.14	
					TOTAL	13.19	SQM
11.00	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.						
	ADD. PROJECT DIRECTOR TOILET	1.00			1.00	1.00	
	PROJECT DIRECTOR TOILET	1.00			1.00	1.00	
	COMMON MALE TOILET-1,2	2.00			1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00			1.00	2.00	
	S.T.E TOILET	1.00			1.00	1.00	
	GM FINANCE TOILET	1.00			1.00	1.00	
	GM ADMIN TOILET	1.00			1.00	1.00	
	STORE KEEPER TOILET	1.00			1.00	1.00	
	PANTRY-1	1.00			1.00	1.00	
	PANTRY-2	1.00			1.00	1.00	
					TOTAL	12.00	NOS
12.00	Providing & Making & Fixing of Commercial Wall Panneling made with Aluminium Section of 2"x1" @ 2CC frame work clad with 12MM Ply complete with painted or polishes. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.						

MEETING HALL	1.00	12.70	2.65	33.66
	2.00	6.29	2.65	33.34
DEDUCTION OF WINDOW	(4.00)	1.00	1.65	(6.60)
S.T.E. 1,2,3,4,5	2.00	3.25	2.65	17.21
	1.00	2.11	2.65	5.60
	2.00	3.20	2.65	16.96
DEDUCTION OF WINDOW	(1.00)	1.49	1.65	(2.46)
S.T.E -6	2.00	3.37	2.65	17.84
	2.00	2.95	2.65	15.64
DEDUCTION OF WINDOW	(1.00)	1.47	1.65	(2.43)
DEDUCTION OF DOOR	(1.00)	0.90	2.40	(2.16)
	(1.00)	0.75	2.40	(1.80)
T.E. 1,2,3,4,5,6	1.00	10.77	2.65	28.54
DEDUCTION OF WINDOW	(2.00)	1.78	1.65	(5.87)
WORKSTATION	1.00	6.24	2.65	16.54
	1.00	5.46	2.65	14.47
	1.00	6.23	2.65	16.50
DEDUCTION OF WINDOW	(2.00)	2.20	1.65	(7.26)
	(1.00)	2.87	1.65	(4.73)
T.E 7,8	2.00	3.37	2.65	17.83
T.E 9	2.00	3.59	2.65	19.02
	1.00	3.75	2.65	9.92
	1.00	2.60	2.65	6.88
DEDUCTION OF WINDOW	(2.00)	1.50	1.65	(4.95)
S.T.E 9,10	2.00	3.20	2.65	16.96
	1.00	5.55	2.65	14.69
DEDUCTION OF WINDOW	(2.00)	1.50	1.65	(4.95)
ADD. PROJECT DIRECTOR	1.00	8.00	2.65	21.20
	1.00	6.10	2.65	16.17
	1.00	6.23	2.65	16.51
DEDUCTION OF WINDOW	(2.00)	2.15	1.65	(7.10)
	(1.00)	4.60	1.65	(7.59)
ADD. PROJECT DIRECTOR REST ROOM	1.00	4.53	2.65	12.00
	2.00	4.23	2.65	22.42
DEDUCTION OF WINDOW	(2.00)	2.15	1.65	(7.10)
ADD. PROJECT DIRECTOR PA/PS	1.00	2.99	3.20	9.57
	1.00	3.69	2.65	9.78
FINANCE OFFICER	1.00	2.00	2.65	5.30
ADMIN OFFICER	1.00	2.05	2.65	5.43
	1.00	1.07	2.65	2.82
	1.00	3.27	2.65	8.67
GM ADMIN/ FINANCE OFFICER	4.00	4.80	2.65	50.88
	4.00	3.12	2.65	33.07
	2.00	2.14	2.65	11.35
DEDUCTION OF WINDOW	(2.00)	2.67	2.40	(12.79)
DEDUCTION OF DOOR	(2.00)	1.00	2.40	(4.80)
	(2.00)	0.75	2.40	(3.60)
PROJECT DIRECTOR	2.00	6.19	2.65	32.79
	1.00	5.98	2.65	15.85
	2.00	0.90	2.65	4.77
DEDUCTION OF WINDOW	(2.00)	2.11	1.65	(6.96)
	(2.00)	1.65	1.65	(5.45)
	(2.00)	2.15	1.65	(7.10)
PROJECT DIRECTOR REST ROOM	1.00	5.96	2.65	15.80
	1.00	4.59	2.65	12.15
DEDUCTION OF WINDOW	(2.00)	2.12	1.65	(6.98)
	(1.00)	1.20	1.65	(1.98)
PROJECT DIRECTOR PA/PS	1.00	2.62	2.65	6.93
	1.00	4.02	2.65	10.64
	1.00	4.36	2.65	11.54
DEDUCTION OF DOOR	(1.00)	0.90	2.40	(2.16)
CORRIDOR	1.00	10.28	2.65	27.23
	1.00	2.05	2.65	5.43
	1.00	4.92	2.65	13.03
	2.00	6.54	2.65	34.64
	2.00	7.57	2.65	40.09
	1.00	18.06	2.65	47.86
	2.00	26.61	2.65	141.04
	1.00	13.14	2.65	34.81
DEDUCTION OF WINDOW	(2.00)	2.50	1.65	(8.25)
	(2.00)	1.50	2.00	(6.00)
	(8.00)	2.15	2.65	(45.58)
	(2.00)	0.60	2.65	(3.18)
DEDUCTION OF DOOR	(7.00)	1.00	2.40	(16.80)
	(4.00)	0.75	2.40	(7.20)
			TOTAL	777.59
				SQM
13.00	Providing & Making & Fixing of Commercial Wall Partition made with Aluminium Section of 2"x1" @ 2'CC frame work cladded with 9MM Ply on Both Side complete with painted or polishes as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.			
	1.00	12.70	2.65	33.66
DEDUCTION OF DOOR	(2.00)	1.05	2.40	(5.04)
S.T.E 1,2,3,4,5	4.00	3.20	2.65	33.92
T.E. 1,2,3,4,5,6	1.00	3.99	1.20	4.79

		1.00	3.41		1.20	4.09
		1.00	6.41		1.20	7.69
		1.00	3.24		1.20	3.89
	T.E 7,8	1.00	2.99		1.20	3.59
	S.T.E 7,8	4.00	3.37		3.20	43.14
	RECORD ROOM	1.00	2.05		2.65	5.42
	DEDUCTION OF DOOR	(1.00)	1.00		2.40	(2.40)
	ADD. PROJECT DIRECTOR	1.00	5.73		2.65	15.18
		1.00	1.77		2.65	4.69
		1.00	2.27		2.65	6.01
		1.00	0.75		2.65	1.99
	DEDUCTION OF DOOR	(1.00)	1.00		2.40	(2.40)
	S.T.E 9,10	1.00	5.55		2.65	14.69
		1.00	3.20		2.65	8.48
	DEDUCTION OF DOOR	(2.00)	0.90		2.40	(4.32)
	ADMIN/FINANCE OFFICER	1.00	5.19		1.20	6.22
		1.00	3.20		1.20	3.84
		1.00	2.10		1.20	2.52
	PROJECT DIRECTOR	1.00	4.12		2.65	10.90
		1.00	7.74		2.65	20.52
		1.00	1.88		2.65	4.97
	PROJECT DIRECTOR REST ROOM	1.00	2.27		2.65	6.01
	DEDUCTION OF DOOR	(1.00)	1.00		2.40	(2.40)
	PROJECT DIRECTOR PA/PS	1.00	1.88		2.65	4.97
					TOTAL	234.60
						SQM
14.00	Providing & Making & Fixing of Wall Panneling made with IMM Laminate & 5.5MM MDF on Existing Surface complete with painted or polishes. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.					
	PANELLING AREA					
	S.T.E. 1,2,3,4,5	2.00	3.25		2.65	17.21
		1.00	2.11		2.65	5.60
		2.00	3.20		2.65	16.96
	DEDUCTION OF WINDOW	(1.00)	1.49		1.65	(2.46)
	S.T.E -6	2.00	3.37		2.65	17.84
		2.00	2.95		2.65	15.64
	DEDUCTION OF WINDOW	(1.00)	1.47		1.65	(2.43)
	DEDUCTION OF DOOR	(1.00)	0.90		2.40	(2.16)
		(1.00)	0.75		2.40	(1.80)
	T.E. 1,2,3,4,5,6	1.00	10.77		2.65	28.54
	DEDUCTION OF WINDOW	(2.00)	1.78		1.65	(5.87)
	WORKSTATION	1.00	6.24		2.65	16.54
		1.00	5.46		2.65	14.47
		1.00	6.23		2.65	16.50
	DEDUCTION OF WINDOW	(2.00)	2.20		1.65	(7.26)
		(1.00)	2.87		1.65	(4.73)
	T.E 7,8	2.00	3.37		2.65	17.83
	T.E 9	2.00	3.59		2.65	19.02
		1.00	3.75		2.65	9.92
		1.00	2.60		2.65	6.88
	DEDUCTION OF WINDOW	(2.00)	1.50		1.65	(4.95)
	S.T.E 9,10	2.00	3.20		2.65	16.96
		1.00	5.55		2.65	14.69
	DEDUCTION OF WINDOW	(2.00)	1.50		1.65	(4.95)
	ADD. PROJECT DIRECTOR	1.00	8.00		2.65	21.20
		1.00	6.10		2.65	16.17
		1.00	6.23		2.65	16.51
	DEDUCTION OF WINDOW	(2.00)	2.15		1.65	(7.10)
		(1.00)	4.60		1.65	(7.59)
	ADD. PROJECT DIRECTOR REST ROOM	1.00	4.53		2.65	12.00
		2.00	4.23		2.65	22.42
	DEDUCTION OF WINDOW	(2.00)	2.15		1.65	(7.10)
	ADD. PROJECT DIRECTOR PA/PS	1.00	2.99		3.20	9.57
		1.00	3.69		2.65	9.78
	FINANCE OFFICER	1.00	2.00		2.65	5.30
	ADMIN OFFICER	1.00	2.05		2.65	5.43
		1.00	1.07		2.65	2.82
		1.00	3.27		2.65	8.67
	GM ADMIN/ FINANCE OFFICER	4.00	4.80		2.65	50.88
		4.00	3.12		2.65	33.07
		2.00	2.14		2.65	11.35
	DEDUCTION OF WINDOW	(2.00)	2.67		2.40	(12.79)
	DEDUCTION OF DOOR	(2.00)	1.00		2.40	(4.80)
		(2.00)	0.75		2.40	(3.60)
	PROJECT DIRECTOR	2.00	6.19		2.65	32.79
		1.00	5.98		2.65	15.85
		2.00	0.90		2.65	4.77
	DEDUCTION OF WINDOW	(2.00)	2.11		1.65	(6.96)
		(2.00)	1.65		1.65	(5.45)
		(2.00)	2.15		1.65	(7.10)
	PROJECT DIRECTOR REST ROOM	1.00	5.96		2.65	15.80
		1.00	4.59		2.65	12.15
	DEDUCTION OF WINDOW	(2.00)	2.12		1.65	(6.98)
		(1.00)	1.20		1.65	(1.98)

	PROJECT DIRECTOR PA/PS	1.00	2.62		2.65	6.93	
		1.00	4.02		2.65	10.64	
		1.00	4.36		2.65	11.54	
	DEDUCTION OF DOOR	(1.00)	0.90		2.40	(2.16)	
	CORRIDOR	1.00	10.28		2.65	27.23	
		1.00	2.05		2.65	5.43	
		1.00	4.92		2.65	13.03	
		2.00	6.54		2.65	34.64	
		2.00	7.57		2.65	40.09	
		1.00	18.06		2.65	47.86	
		2.00	26.61		2.65	141.04	
		1.00	13.14		2.65	34.81	
	DEDUCTION OF WINDOW	(2.00)	2.50		1.65	(8.25)	
		(2.00)	1.50		2.00	(6.00)	
		(8.00)	2.15		2.65	(45.58)	
		(2.00)	0.60		2.65	(3.18)	
	DEDUCTION OF DOOR	(7.00)	1.00		2.40	(16.80)	
		(4.00)	0.75		2.40	(7.20)	
	PARTITION AREA						
	MEETING HALL CORRIDOR SIDE WALL	1.00	12.70		2.65	33.66	
	DEDUCTION OF DOOR	(2.00)	1.05		2.40	(5.04)	
	S.T.E 1,2,3,4,5	8.00	3.20		2.65	67.84	
	T.E 1,2,3,4,5,6	2.00	3.99		1.20	9.58	
		2.00	3.41		1.20	8.17	
		2.00	6.41		1.20	15.37	
		2.00	3.24		1.20	7.78	
	T.E 7,8	2.00	2.99		1.20	7.18	
	S.T.E 7,8	8.00	3.37		3.20	86.27	
	RECORD ROOM	2.00	2.05		2.65	10.84	
	DEDUCTION OF DOOR	(2.00)	1.00		2.40	(4.80)	
	ADD. PROJECT DIRECTOR	2.00	5.73		2.65	30.36	
		2.00	1.77		2.65	9.37	
		2.00	2.27		2.65	12.02	
		2.00	0.75		2.65	3.98	
	DEDUCTION OF DOOR	(2.00)	1.00		2.40	(4.80)	
	S.T.E 9,10	2.00	5.55		2.65	29.39	
		2.00	3.20		2.65	16.96	
	DEDUCTION OF DOOR	(4.00)	0.90		2.40	(8.64)	
	ADMIN/FINANCE OFFICER	2.00	5.19		1.20	12.44	
		2.00	3.20		1.20	7.68	
		2.00	2.10		1.20	5.04	
	PROJECT DIRECTOR	2.00	4.12		2.65	21.81	
		2.00	7.74		2.65	41.03	
		2.00	1.88		2.65	9.94	
	PROJECT DIRECTOR REST ROOM	2.00	2.27		2.65	12.02	
	DEDUCTION OF DOOR	(2.00)	1.00		2.40	(4.80)	
	PROJECT DIRECTOR PA/PS	2.00	1.88		2.65	9.94	
	Deduction for Door	(2.00)	1.00		2.40	(4.80)	
					TOTAL	1,152.97	SQM
15.00	Providing & Making & Fixing of Wall Panneling made with 4MM Veneer on Existing Surface complete with Water Base PU Polishe. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.						
	MEETING HALL	1.00	12.70	3.00		38.10	
		2.00	12.70		2.65	67.31	
		2.00	6.29		2.65	33.34	
		2.00	3.25		2.65	17.21	
	DEDUCTION OF WINDOW	(4.00)	1.00		1.65	(6.60)	
	DEDUCTION OF DOOR	(2.00)	1.05		2.40	(5.04)	
	ADD. PROJECT DIRECTOR	2.00	4.50		3.00	27.00	
		2.00	6.10		3.00	36.60	
	PROJECT DIRECTOR	1.00	3.00		3.00	9.00	
		1.00	3.65		3.00	10.95	
						227.87	SQM
16.00	Providing & Making & Fixing of Wall Panneling made with 12MM Louver on Existing Surface complete with Melamine Polishe. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.						
	PROJECT DIRECTOR	1.00	2.00		2.65	5.30	
	ADD. PROJECT DIRECTOR	1.00	2.00		2.65	5.30	
					TOTAL	10.60	SQM
17.00	Providing & Making & Fixing of Wall Panneling made with Coloured Lacquered Glass on Existing Surface complete with Melamine Polishe. as per the approved design all complete as per drawing, specification and direction as approved by Engineer -in-Charge.						
	PROJECT DIRECTOR	1.00	2.00		2.65	5.30	
	ADD. PROJECT DIRECTOR	1.00	2.00		2.65	5.30	
					TOTAL	10.60	SQM

18.00	Providing and supplying Acoustical Wall Paneling with square edges made of fibre glass substrate 25mm thick and wrapped on the front side with an acoustically transparent and fire-resistant fabric with an option of colours as per the choice of the Architect/ Person in- charge of size as desired design providing a minimum sound absorption level of 0.90 NRC to be affixed to wall using Wall panel impalers and construction adhesives as per the instructions laid down by the manufacturer as per the approved design as approved by Engineer -in-Charge.							
	MEETING ROOM	2.00	12.70			2.65	67.31	
		2.00	6.29			2.65	33.34	
	DEDUCTION OF WINDOW	(4.00)	2.15			1.65	(14.19)	
	DEDUCTION OF DOOR	(2.00)	1.05			2.40	(5.04)	
							81.42	
	SAY 40% AREA					TOTAL	32.57	SQM
19.00	Providing and Fixing Channeled Woodworks perforated panels of width 128mm, thickness of 16mm and length 2440 mm or as required by the Architect/ approving engineer, made of a high density particle board substrate with a laminated facing as per the approved shade & finish and a PU balancing layer on the reverse side. The boards shall have a special perforation pattern where the visible surface has a ("Helmholtz" fluted perforation of 2mm width and 14mm of visible panel / 4mm width and 28mm visible panel) each. The panels shall provide a minimum sag resistance of RH90 and a fire rating class of 1 as per Part 7 of BS 476. The edges of the panels shall be "tongue-and-grooved" to receive special clips for installation. The back of the perforated panel shall have sound absorbing non-woven acoustical fleece. The panels shall be mounted on special aluminium splines using clips. as per the approved design as approved by Engineer -in-Charge.							
	MEETING ROOM	2.00	12.70			2.65	67.31	
		2.00	6.29			2.65	33.34	
	DEDUCTION OF WINDOW	(4.00)	2.15			1.65	(14.19)	
	DEDUCTION OF DOOR	(2.00)	1.05			2.40	(5.04)	
							81.42	
	SAY 60% AREA					TOTAL	48.85	SQM
20.00	Providing, fabricating & placing single leaf single swing aluminium stile door with 12mm thick toughened glass & stile size of 40mm x 90mm. The door frame of size 70 x 50mm shall be formed with heavy duty aluminium door, fixed to dry wall partition. Rate to include providing & fixing of Geze make standard stainless steel brush finished hardware Hinges: flush door hinge -Geze-. Finis: Std finish Handle & lock: lever handle & Mortise lock set with both side key cylinder- Geze, Door Closer: Exposed door closer TS 3000V - Asymatric Rack and Pinion Door Closer with hold-open slide arm Closing force: 1-4 (adjustable) Tested according to EN 1154 for door width upto: 1100mm Door stopper: Half moon door stop Finish of profile- Black finish System - Micra I door Make - Liko-s/Equivalent							
	CORRIDOR	3.00	1.80			2.40	12.96	
		1.00	1.20			2.40	2.88	
	MEETING HALL	2.00	1.05			2.40	5.04	
	S.T.E 1,2,3,4,5	5.00	0.90			2.40	10.80	
	S.T.E 6	1.00	1.00			2.40	2.40	
	S.T.E 7,8	2.00	0.90			2.40	4.32	
	S.T.E 9,10	2.00	0.90			2.40	4.32	
	STORE KEEPER	1.00	0.90			2.40	2.16	
	RECORD ROOM	1.00	0.90			2.40	2.16	
	ADD. PROJECT DIRECTOR	2.00	1.00			2.40	4.80	
	ADD. PROJECT DIRECTOR REST ROOM	1.00	0.90			2.40	2.16	
	ADD. PROJECT DIRECTOR PA/PS	1.00	0.90			2.40	2.16	
	RECORD ROOM	1.00	0.90			2.40	2.16	
	GM ADMIN	1.00	1.00			2.40	2.40	
	GM FINANCE	1.00	1.00			2.40	2.40	
	PROJECT DIRECTOR	1.00	1.00			2.40	2.40	
	PROJECT DIRECTOR REST ROOM	2.00	0.90			2.40	4.32	
	PROJECT DIRECTOR PA/PS	1.00	0.90			2.40	2.16	
						TOTAL	72.00	SQM
21.00	Providing & Fixing of full height Single glazed partition using 10mm thick toughened Glass fixed with proprietary anodized aluminium sections of size 26x30mm (H) on top, bottom, horizontal & vertical. Rate to include required accessories as per the manufacturer's specifications and shall be inclusive of all accessories like Gaskets. Glass to glass joints to be sealed with Double sided 2mm Thick transparent tape. The glasses to be butt jointed with 2 to 3mm edge chamfer & edge polishing all around.Achieving value of 31 dB. (Rate is not included for door frames) Finish - Black Anodised, Partition Height - 2400mm, System - Micra I, Glass - 10mm Toughened Glas. Make - Liko-s or equivalent							
	S.T.E 1,2,3,4,5	6.00	3.28			2.65	52.15	
	ADD. PROJECTOR DIRECTOR PA	1.00	2.67			2.40	6.40	
	S.T.E 7,8	2.00	3.20			2.40	15.36	
	DEDUCTION OF DOOR	(2.00)	1.05			2.40	(5.04)	
		(8.00)	1.00			2.40	(19.20)	
						TOTAL	49.67	SQM
22.00	Providing & fixing of 32MM Flush Door complete with all Fittings Like Hinges, Mortis lock, Door closer, Tower Bolt etc all complete as per drawing, specification and direction as approved by Engineer -in-Charge.							
	S.T.E -6 TOILET	1.00	0.75			2.40	1.80	
	PANTRY	1.00	1.00			2.40	2.40	
	COMMON MALE TOILET 1,2	2.00	0.75			2.40	3.60	
	COMMON FEMALE TOILET 1,2	2.00	0.75			2.40	3.60	

	STORE KEEPER TOILET	1.00	0.75	2.40	1.80		
	ADD. PROJECT DIRECTOR TOILET	1.00	0.75	2.40	1.80		
	PROJECT DIRECTOR TOILET	1.00	0.75	2.40	1.80		
	GM ADMIN TOILET	1.00	0.75	2.40	1.80		
	GM FINANCE TOILET	1.00	0.75	2.40	1.80		
	PANTRY	1.00	0.90	2.40	2.16		
				TOTAL	22.56	SQM	
23.00	Providing & Fixing of Plotter Cutted Designer Film of approved shade as per drawing & specification as approved by Engineer -in-Charge.						
	CORRIDOR	3.00	1.80	1.20	6.48		
		1.00	1.20	1.20	1.44		
	S.T.E 1,2,3,4,5	5.00	0.90	1.20	5.40		
	S.T.E 6	1.00	1.00	1.20	1.20		
	S.T.E 7,8	2.00	0.90	1.20	2.16		
	S.T.E 9,10	2.00	0.90	1.20	2.16		
	STORE KEEPER	1.00	0.90	1.20	1.08		
	RECORD ROOM	1.00	0.90	1.20	1.08		
	ADD. PROJECT DIRECTOR REST ROOM	1.00	0.90	1.20	1.08		
	ADD. PROJECT DIRECTOR PA/PS	1.00	0.90	1.20	1.08		
	RECORD ROOM	1.00	0.90	1.20	1.08		
	GM ADMIN	1.00	1.00	1.20	1.20		
	GM FINANCE	1.00	1.00	1.20	1.20		
	PROJECT DIRECTOR REST ROOM	2.00	0.90	1.20	2.16		
	PROJECT DIRECTOR PA/PS	1.00	0.90	1.20	1.08		
				TOTAL	29.88	SQM	
24.00	Providing & Fixing of Plotter Cutted Designer Coloured Vinyl of approved shade as per drawing & specification as approved by Engineer -in-Charge.						
	MEETING HALL	2.00	1.05	1.20	2.52		
	ADD. PROJECT DIRECTOR	1.00	1.00	1.20	1.20		
	PROJECT DIRECTOR	1.00	1.00	1.20	1.20		
				TOTAL	4.92	SQM	
25.00	Supply & Fixing of windows made from multi chambered UPVC profiles of minimum 60/108 mm thickness of (Wintech make or equivalent) in natural from stailized for heat, light, impact & UV radiation. The UPVC profiles should be reinforced with galvanized steel profiles of designed thickness.Float glass of approved colour in 4/5/6/8 mm or as desired by the costumer shall be fixed with heveled beads. All openable / sliding sashes shall be having grey/black colored weather seal fitted in continuous lenghts made from bubble PTV Rubber & side Hung with 90L openin friction syats of rust proof stainless steel with provision of multipoint lockng system (casement only) made from Espag rods (coated steel) all handle shall be made from die Cast zinc alloy in white finish only as per design, drawings, specification & as approved by Architect/Engineer Incharge.						
	MEETING HALL	4.00	2.15	1.65	14.19		
	S.T.E 1,2,3,4,5	6.00	1.78	2.00	21.36		
	S.T.E 6	1.00	1.50	2.00	3.00		
	T.E 3,4	2.00	1.78	2.00	7.12		
	CORRIDOR	2.00	2.50	1.65	8.25		
	WORKSTATION	1.00	2.86	1.65	4.72		
		2.00	2.20	1.65	7.26		
	STORE KEEPER	1.00	1.50	2.00	3.00		
	RECORD ROOM	1.00	1.50	2.00	3.00		
	S.T.E 7,8	4.00	1.78	2.00	14.24		
	T.E 7,8	2.00	1.78	2.00	7.12		
	T.E 9	2.00	1.50	2.00	6.00		
	S.T.E 9,10	2.00	1.50	2.00	6.00		
	ADD. PROJECT DIRECTOR	1.00	4.59	1.65	7.58		
		2.00	2.20	1.65	7.26		
	REST ROOM	2.00	2.20	1.65	7.26		
	CORRIDOR	8.00	2.20	1.65	29.04		
	ADMIN OFFICE	2.00	1.78	2.00	7.12		
	GM ADMIN/FINANCE	4.00	1.78	1.65	11.75		
	PROJECT DIRECTOR	2.00	2.15	2.40	10.32		
	REST ROOM	2.00	2.15	1.65	7.10		
	PANTRY	1.00	1.20	1.65	1.98		
	S.T.E-6 TOILET	1.00	0.60	0.60	0.36		
	PROJECT DIRECTOR TOILET	1.00	0.60	0.60	0.36		
	ADD. PROJECT DIRECTOR TOILET	1.00	0.60	0.60	0.36		
	COMMON MALE TOILET	1.00	0.60	0.60	0.36		
				TOTAL	196.10	SQM	
26.00	Providing & Fixing of Translucent Zebra Blinds with Hand Rail of approved shade as per drawing & specification as approved by Engineer -in-Charge.						
	MEETING HALL	4.00	2.15	1.65	14.19		
	S.T.E 1,2,3,4,5	6.00	1.78	2.00	21.36		
	S.T.E 6	1.00	1.50	2.00	3.00		
	T.E 3,4	2.00	1.78	2.00	7.12		
	CORRIDOR	2.00	2.50	1.65	8.25		
	WORKSTATION	1.00	2.86	1.65	4.72		
		2.00	2.20	1.65	7.26		
	STORE KEEPER	1.00	1.50	2.00	3.00		
	RECORD ROOM	1.00	1.50	2.00	3.00		
	S.T.E 7,8	4.00	1.78	2.00	14.24		
	T.E 7,8	2.00	1.78	2.00	7.12		
	T.E 9	2.00	1.50	2.00	6.00		

	S.T.E 9,10	2.00	1.50		2.00	6.00		
	ADD. PROJECT DIRECTOR	1.00	4.59		1.65	7.58		
		2.00	2.20		1.65	7.26		
	REST ROOM	2.00	2.20		1.65	7.26		
	CORRIDOR	8.00	2.20		1.65	29.04		
	ADMIN OFFICE	2.00	1.78		2.00	7.12		
	GM ADMIN/FINANCE	4.00	1.78		1.65	11.75		
	PROJECT DIRECTOR	2.00	2.15		2.40	10.32		
	REST ROOM	2.00	2.15		1.65	7.10		
					TOTAL	192.68	SQM	
27.00	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood							
	PANTRY	2.00	0.13	0.08	2.40	0.05		
		1.00	0.13	0.08	1.00	0.01		
	PANTRY	2.00	0.13	0.08	2.40	0.05		
		1.00	0.13	0.08	0.90	0.01		
	ALL TOILET	20.00	0.13	0.08	2.40	0.45		
		10.00	0.13	0.08	0.75	0.07		
					TOTAL	0.63	CUM	
28.00	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.							
	QTY SAME AS ITEM NO.1	1.00			443.16	443.16		
	Office internal wall area							
	S.T.E -6 TOILET	2.00	1.18		0.25	0.59		
		2.00	2.13		0.25	1.07		
	COMMON MALE TOILET 1,2	4.00	2.63		0.25	2.63		
		4.00	1.63		0.25	1.63		
	COMMON FEMALE TOILET 1,2	4.00	1.45		0.25	1.45		
		4.00	1.67		0.25	1.67		
	STORE KEEPER	2.00	4.43		2.65	23.46		
		2.00	2.97		2.65	15.72		
	DEDUCTION OF DOOR	(1.00)	1.00		2.40	(2.40)		
	DEDUCTION OF WINDOW	(1.00)	1.50		2.00	(3.00)		
	STORE KEEPER TOILET	2.00	1.23		0.25	0.62		
		2.00	1.25		0.25	0.63		
	RECORD ROOM	2.00	2.05		2.65	10.84		
		2.00	3.37		2.65	17.86		
	DEDUCTION OF DOOR	(1.00)	1.00		2.40	(2.40)		
	DEDUCTION OF WINDOW	(1.00)	1.50		2.00	(3.00)		
	GM ADMIN TOILET	2.00	3.12		0.25	1.56		
		2.00	1.40		0.25	0.70		
	GM FINANCE TOILET	2.00	3.12		0.25	1.56		
		2.00	1.40		0.25	0.70		
	ADD. PROJECT DIRECTOR TOILET	2.00	3.27		0.25	1.64		
		2.00	2.05		0.25	1.03		
	PROJECT DIRECTOR TOILET	2.00	1.24		0.25	0.62		
		2.00	2.33		0.25	1.17		
					TOTAL	519.48	SQM	
29.00	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm							
	QTY SAME AS ITEM NO.1	1.00			443.16	443.16		
	Office internal wall area							
	S.T.E -6 TOILET	2.00	1.18		0.25	0.59		
		2.00	2.13		0.25	1.07		
	COMMON MALE TOILET 1,2	4.00	2.63		0.25	2.63		
		4.00	1.63		0.25	1.63		
	COMMON FEMALE TOILET 1,2	4.00	1.45		0.25	1.45		
		4.00	1.67		0.25	1.67		
	STORE KEEPER	2.00	4.43		2.65	23.46		
		2.00	2.97		2.65	15.72		
	DEDUCTION OF DOOR	(1.00)	1.00		2.40	(2.40)		
	DEDUCTION OF WINDOW	(1.00)	1.50		2.00	(3.00)		
	STORE KEEPER TOILET	2.00	1.23		0.25	0.62		
		2.00	1.25		0.25	0.63		
	RECORD ROOM	2.00	2.05		2.65	10.84		
		2.00	3.37		2.65	17.86		
	DEDUCTION OF DOOR	(1.00)	1.00		2.40	(2.40)		
	DEDUCTION OF WINDOW	(1.00)	1.50		2.00	(3.00)		
	GM ADMIN TOILET	2.00	3.12		0.25	1.56		
		2.00	1.40		0.25	0.70		
	GM FINANCE TOILET	2.00	3.12		0.25	1.56		
		2.00	1.40		0.25	0.70		
	ADD. PROJECT DIRECTOR TOILET	2.00	3.27		0.25	1.64		
		2.00	2.05		0.25	1.03		
	PROJECT DIRECTOR TOILET	2.00	1.24		0.25	0.62		
		2.00	2.33		0.25	1.17		
					TOTAL	519.48	SQM	

30.00	Providing & Fixing of Rectangular Shape Polmer Planter of Size (375Wx375Dx400HT") With Thermocol Packing & Double Layer of Pabbles With Artificial 36"Plants of approved shade as per drawing & specification as approved by Engineer -in-Charge. MR								
	MEETING HALL	1.00			4.00		4.00		
	CORRIDOR	1.00			6.00		6.00		
							10.00		NOS
31.00	Providing & Fixing of Round Shape Polmer Planter of Size (375DIA X 375HT") With Thermocol Packing & Double Layer of Pabbles With Artificial 36"Plants of approved shade as per drawing & specification as approved by Engineer -in-Charge. MR								
	ALL CABIN	12.00			1.00		12.00		
	TERRACE	2.00			2.00		4.00		
							16.00		NOS
32.00	Providing & Fixing of Rectangular Shape Polmer Planter of Size (600Wx325Dx375HT") With Thermocol Packing & Double Layer of Pabbles With Artificial 36"Plants of approved shade as per drawing & specification as approved by Engineer -in-Charge. MR								
	WORKSTATION	1.00			25.00		25.00		
							25.00		NOS
33.00	Providing & Fixing of Photo Frames Having Size (600WX900HT) of Picture in Coloured Canvas Prints with wooden frame borders & Non Reflective glass complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.								
	MEETING HALL	1.00			1.00		1.00		
	PROJECT DIRECTOR/ADD. PROJECT DIRECTOR	1.00			1.00		1.00		
							2.00		NOS
34.00	Providing & Fixing of Photo Frames Having Size (600WX600HT) of Uttar Pradesh Sarkar in Black & White/Coloured Canvas Prints with wooden frame borders complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.								
	GM CABIN	1.00			1.00		1.00		
							1.00		NOS
35.00	Providing & Fixing of Photo Frames Having Size (600WX600HT) of UP AGREES Logo in Coloured Canvas Prints with wooden frame borders complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.								
	MEETING HALL	1.00			1.00		1.00		
							1.00		NOS
36.00	Providing & Fixing of Signages of Size (1175 x 350)MM Made of Multi Layered Signage made with 5mm & 3mm Thick Acrylic & UV Prints on Base Acrylic & Acrylic Letters of UP-AGREES, complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.								
	ENTRANCE AREA	1.00			1.00		1.00		
							1.00		NOS
37.00	Providing & Fixing of Signages of Size (200 x 200)MM Made of Side Moulded Signages made with Premium Laminate & Acrylic Laser Cut Letters as per design & Multi Layering with Wooden Finish as base of Male, Female Toilet & Pantry, complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.								
	COMMON TOILET & PANTRY	12.00			1.00		12.00		
							12.00		NOS
38.00	Providing & Fixing of Signages of Size (450 x 200)MM Made of Side Moulded Signages made with Premium Laminate & Acrylic Laser Cut Letters as per design & Multi Layering with Wooden Finish as base of Conference Room, complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.								
	MEETING ROOM	1.00			1.00		1.00		
							1.00		NOS
39.00	Providing & Fixing of Signages of Size (1500 x 1200)MM Made of UV Prints on Lacquered Glass with Pre Coat & 3 Layer Printing of UP AGREES Logo, complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.								
	LIFT LOBBY	1.00			1.00		1.00		
							1.00		NOS
40.00	Providing & Fixing of Signages of Size (350 x 200)MM Made of 3 Layer Name Plates made with Black Acrylic as base & UV Prints on Clear Acrylic as 2nd Layer & 3rd Layer being Acrylic Letters of CABIN Room, complete as per design, drawings, specification & as approved by Architect/Engineer Incharge.								
	ALL CABIN	1.00			1.00		1.00		
							1.00		NOS

3. MEASUREMENT OF ELECTRIC WORK

MEASUREMENT SHEET							
SR.NO.	ITEM DESCRIPTION	NOS	L	B	H	QTY	UNIT
1.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group A						
	MEETING HALL	1.00			12.00	12.00	
	ALL S.T.E	10.00			5.00	50.00	
	PANTRY	1.00			4.00	4.00	
	S.T.E -6 TOILET	1.00			3.00	3.00	
	CORRIDOR	1.00			12.00	12.00	
	WORKSTATION	1.00			8.00	8.00	
	ALL T.E.	9.00			3.00	27.00	
	CORRIDOR	1.00			7.00	7.00	
	COMMON MALE TOILET 1,2	2.00			2.00	4.00	
	COMMON FEMALE TOILET 1,2	2.00			2.00	4.00	
	STORE KEEPER	1.00			3.00	3.00	
	STORE KEEPER TOILET	1.00			3.00	3.00	
	ADD. PROJECT DIRECTOR	1.00			8.00	8.00	
	ADD. PROJECT DIRECTOR REST ROOM	1.00			5.00	5.00	
	ADD. PROJECT DIRECTOR PA/PS	1.00			5.00	5.00	
	ADD. PROJECT DIRECTOR TOILET	1.00			3.00	3.00	
	TERRACE	1.00			5.00	5.00	
	CORRIDOR	1.00			5.00	5.00	
	FINANCE OFFICER	1.00			4.00	4.00	
	ADMIN OFFICER	1.00			4.00	4.00	
	GM ADMIN	1.00			5.00	5.00	
	GM ADMIN TOILET	1.00			3.00	3.00	
	GM FINANCE	1.00			5.00	5.00	
	GM FINANCE TOILET	1.00			3.00	3.00	
	PROJECT DIRECTOR	1.00			8.00	8.00	
	PROJECT DIRECTOR REST ROOM	1.00			5.00	5.00	
	PROJECT DIRECTOR PA/PS	1.00			5.00	5.00	
	PROJECT DIRECTOR TOILET	1.00			3.00	3.00	
	TERRACE	1.00			4.00	4.00	
	CORRIDOR	1.00			8.00	8.00	
	PANTRY	1.00			5.00	5.00	
						230.00	NOS
2.00	Supply and fixing of Power point and Supply and fixing of power plug with 10 Amp./250 volt flush type modular switch and 5 pin 10A /250 volt flush type universal modular socket switch on concealed M.S. box including supply of all material, labour t&P etc. required for proper completion of work.						
	MEETING HALL	1.00			5.00	5.00	
	ALL S.T.E	10.00			3.00	30.00	
	PANTRY	1.00			2.00	2.00	
	S.T.E -6 TOILET	1.00			1.00	1.00	
	CORRIDOR	1.00			3.00	3.00	
	WORKSTATION	1.00			18.00	18.00	
	ALL T.E.	10.00			2.00	20.00	
	CORRIDOR	1.00			3.00	3.00	
	COMMON MALE TOILET 1,2	2.00			1.00	2.00	
	COMMON FEMALE TOILET 1,2	2.00			1.00	2.00	
	STORE KEEPER	1.00			2.00	2.00	
	STORE KEEPER TOILET	1.00			1.00	1.00	
	ADD. PROJECT DIRECTOR	1.00			6.00	6.00	

	ADD. PROJECT DIRECTOR REST ROOM	1.00		5.00	5.00
	ADD. PROJECT DIRECTOR PA/PS	1.00		8.00	8.00
	ADD. PROJECT DIRECTOR TOILET	1.00		1.00	1.00
	TERRACE	1.00		1.00	1.00
	CORRIDOR	1.00		2.00	2.00
	FINANCE OFFICER	1.00		8.00	8.00
	ADMIN OFFICER	1.00		8.00	8.00
	GM ADMIN	1.00		3.00	3.00
	GM ADMIN TOILET	1.00		1.00	1.00
	GM FINANCE	1.00		3.00	3.00
	GM FINANCE TOILET	1.00		1.00	1.00
	PROJECT DIRECTOR	1.00		6.00	6.00
	PROJECT DIRECTOR REST ROOM	1.00		5.00	5.00
	PROJECT DIRECTOR PA/PS	1.00		8.00	8.00
	PROJECT DIRECTOR TOILET	1.00		3.00	3.00
	TERRACE	1.00		1.00	1.00
	CORRIDOR	1.00		2.00	2.00
	PANTRY	1.00		2.00	2.00
					163.00
					NOS
3.00	Supply and fixing of wire, Power point and Supply and fixing of power plug with 20 Amp./250 volt flush type modular switch and 5 pin 20 nA/250 volt flush typ[e universal modular socket switch on concealed M.S. box including supply of all material, labour t&P etc. required for proper completion of work.				
	MEETING HALL	1.00		2.00	2.00
	ALL S.T.E	10.00		1.00	10.00
	PANTRY	1.00		1.00	1.00
	S.T.E -6 TOILET	1.00		1.00	1.00
	CORRIDOR	1.00		2.00	2.00
	WORKSTATION	1.00		2.00	2.00
	ALL T.E.	9.00		1.00	9.00
	CORRIDOR	1.00		1.00	1.00
	STORE KEEPER	1.00		2.00	2.00
	ADD. PROJECT DIRECTOR	1.00		2.00	2.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00		1.00	1.00
	ADD. PROJECT DIRECTOR PA/PS	1.00		1.00	1.00
	ADD. PROJECT DIRECTOR TOILET	1.00		1.00	1.00
	TERRACE	1.00		1.00	1.00
	CORRIDOR	1.00		2.00	2.00
	FINANCE OFFICER	1.00		1.00	1.00
	ADMIN OFFICER	1.00		1.00	1.00
	GM ADMIN	1.00		1.00	1.00
	GM ADMIN TOILET	1.00		1.00	1.00
	GM FINANCE	1.00		1.00	1.00
	GM FINANCE TOILET	1.00		1.00	1.00
	PROJECT DIRECTOR	1.00		2.00	2.00
	PROJECT DIRECTOR REST ROOM	1.00		1.00	1.00
	PROJECT DIRECTOR PA/PS	1.00		1.00	1.00
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00
	TERRACE	1.00		1.00	1.00
	CORRIDOR	1.00		2.00	2.00
	PANTRY	1.00		2.00	2.00
					54.00
					NOS
4.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire				
	MEETING HALL	1.00		20.00	20.00
	ALL S.T.E	10.00		20.00	200.00
	PANTRY	1.00		20.00	20.00
	S.T.E -6 TOILET	1.00		20.00	20.00

	CORRIDOR	1.00		20.00	20.00
	WORKSTATION	1.00		20.00	20.00
	ALL T.E.	9.00		20.00	180.00
	CORRIDOR	1.00		20.00	20.00
	COMMON MALE TOILET 1,2	2.00		20.00	40.00
	COMMON FEMALE TOILET 1,2	2.00		20.00	40.00
	STORE KEEPER	1.00		20.00	20.00
	STORE KEEPER TOILET	1.00		20.00	20.00
	ADD. PROJECT DIRECTOR	1.00		20.00	20.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00		20.00	20.00
	ADD. PROJECT DIRECTOR PA/PS	1.00		20.00	20.00
	ADD. PROJECT DIRECTOR TOILET	1.00		20.00	20.00
	TERRACE	1.00		20.00	20.00
	CORRIDOR	1.00		20.00	20.00
	FINANCE OFFICER	1.00		20.00	20.00
	ADMIN OFFICER	1.00		20.00	20.00
	GM ADMIN	1.00		20.00	20.00
	GM ADMIN TOILET	1.00		20.00	20.00
	GM FINANCE	1.00		20.00	20.00
	GM FINANCE TOILET	1.00		20.00	20.00
	PROJECT DIRECTOR	1.00		20.00	20.00
	PROJECT DIRECTOR REST ROOM	1.00		20.00	20.00
	PROJECT DIRECTOR PA/PS	1.00		20.00	20.00
	PROJECT DIRECTOR TOILET	1.00		20.00	20.00
	TERRACE	1.00		20.00	20.00
	CORRIDOR	1.00		20.00	20.00
	PANTRY	1.00		20.00	20.00
				1,000.00	RMT
5.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire				
	MEETING HALL	1.00		50.00	50.00
	ALL S.T.E	10.00		50.00	500.00
	PANTRY	1.00		50.00	50.00
	S.T.E -6 TOILET	1.00		50.00	50.00
	CORRIDOR	1.00		50.00	50.00
	WORKSTATION	1.00		50.00	50.00
	ALL T.E.	9.00		10.00	90.00
	CORRIDOR	1.00		50.00	50.00
	COMMON MALE TOILET 1,2	2.00		25.00	50.00
	COMMON FEMALE TOILET 1,2	2.00		25.00	50.00
	STORE KEEPER	1.00		50.00	50.00
	STORE KEEPER TOILET	1.00		50.00	50.00
	ADD. PROJECT DIRECTOR	1.00		50.00	50.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00		50.00	50.00
	ADD. PROJECT DIRECTOR PA/PS	1.00		50.00	50.00
	ADD. PROJECT DIRECTOR TOILET	1.00		50.00	50.00
	TERRACE	1.00		50.00	50.00
	CORRIDOR	1.00		50.00	50.00
	FINANCE OFFICER	1.00		50.00	50.00
	ADMIN OFFICER	1.00		50.00	50.00
	GM ADMIN	1.00		25.00	25.00
	GM ADMIN TOILET	1.00		25.00	25.00
	GM FINANCE	1.00		25.00	25.00
	GM FINANCE TOILET	1.00		50.00	50.00
	PROJECT DIRECTOR	1.00		50.00	50.00
	PROJECT DIRECTOR REST ROOM	1.00		50.00	50.00
	PROJECT DIRECTOR PA/PS	1.00		50.00	50.00
	PROJECT DIRECTOR TOILET	1.00		50.00	50.00
	TERRACE	1.00		50.00	50.00
	CORRIDOR	1.00		50.00	50.00

	PANTRY	1.00		50.00	50.00	
					1,965.00	RMT
6.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire					
	MEETING HALL	1.00		12.00	12.00	
	ALL S.T.E	10.00		12.00	120.00	
	PANTRY	1.00		12.00	12.00	
	S.T.E -6 TOILET	1.00		12.00	12.00	
	CORRIDOR	1.00		12.00	12.00	
	WORKSTATION	1.00		12.00	12.00	
	ALL T.E.	9.00		12.00	108.00	
	CORRIDOR	1.00		12.00	12.00	
	COMMON MALE TOILET 1,2	2.00		12.00	24.00	
	COMMON FEMALE TOILET 1,2	2.00		12.00	24.00	
	STORE KEEPER	1.00		12.00	12.00	
	STORE KEEPER TOILET	1.00		12.00	12.00	
	ADD. PROJECT DIRECTOR	1.00		12.00	12.00	
					384.00	RMT
7.00	Supplying & Drawing co-axial TV cable RG-6 grade, 0.7 mm. solid copper conductor, PE insulated] shielded with fine finned copper braid and protected with PVC sheath in the existing surface/ recessed steel/PVC conduit as required. For T.V. Socket outlet					
	PROJECT DIRECTOR	1.00		50.00	50.00	
	ADD. PROJECT DIRECTOR REST ROOM	1.00		50.00	50.00	
					100.00	RMT
8.00	Providing Drawing Connecting And Testing Of Enhanced Cateogy 4 Pair Lan Local Area Network Cable 24 AWG Conductor Performance Specifide 5E U L and CUL Listed In Existing PVC Conduit .(CAT-6 Network Cable)					
	MEETING HALL	1.00		50.00	50.00	
	ALL S.T.E	10.00		50.00	500.00	
	WORKSTATION	1.00		50.00	50.00	
	ALL T.E.	9.00		50.00	450.00	
	ADD. PROJECT DIRECTOR	1.00		50.00	50.00	
	ADD. PROJECT DIRECTOR PA/PS	1.00		50.00	50.00	
	FINANCE OFFICER	1.00		50.00	50.00	
	ADMIN OFFICER	1.00		50.00	50.00	
	GM ADMIN	1.00		50.00	50.00	
	GM FINANCE	1.00		50.00	50.00	
	PROJECT DIRECTOR	1.00		50.00	50.00	
	PROJECT DIRECTOR PA/PS	1.00		50.00	50.00	
					1,450.00	RMT
9.00	Supply & Fixing of following sizes of medium class PVC conduit alongwith accessories in sufacte/recess including cutting the wall & making it good the same in case of recessed conduit as required. 20MM					
	MEETING HALL	1.00		25.00	25.00	
	ALL S.T.E	10.00		25.00	250.00	
	WORKSTATION	1.00		25.00	25.00	
	ALL T.E.	9.00		25.00	225.00	
	ADD. PROJECT DIRECTOR	1.00		25.00	25.00	
	ADD. PROJECT DIRECTOR PA/PS	1.00		25.00	25.00	
	ADD. PROJECT DIRECTOR REST ROOM	1.00		25.00	25.00	
	FINANCE OFFICER	1.00		25.00	25.00	
	ADMIN OFFICER	1.00		25.00	25.00	
	GM ADMIN	1.00		25.00	25.00	
	GM FINANCE	1.00		25.00	25.00	
	PROJECT DIRECTOR	1.00		25.00	25.00	
	PROJECT DIRECTOR PA/PS	1.00		25.00	25.00	

	PROJECT DIRECTOR REST ROOM	1.00		25.00	25.00	
	PANTRY	1.00		25.00	25.00	
	STORE KEEPER	1.00		25.00	25.00	
					825.00	RMT
10.00	Supply & Fixing of following sizes of medium class PVC conduit alongwith accessories in surface/recess including cutting the wall & making it good the same in case of recessed conduit as required. 25MM					
	MEETING HALL	1.00		50.00	50.00	
	PROJECT DIRECTOR	1.00		50.00	50.00	
	ADD. PROJECT DIRECTOR	1.00		50.00	50.00	
					150.00	RMT
11.00	Supply & Fixing of following sizes of medium class PVC conduit alongwith accessories in surface/recess including cutting the wall & making it good the same in case of recessed conduit as required. 32MM					
	LS	1.00		50.00	50.00	
					50.00	RMT
12.00	Supplying & fixing of TV Antenna socket on Modular Plate & G.I Box including connections					
	MEETING HALL	1.00		1.00	1.00	
	PROJECT DIRECTOR	1.00		1.00	1.00	
	PROJECT DIRECTOR REST ROOM	1.00		1.00	1.00	
	ADD. PROJECT DIRECTOR	1.00		1.00	1.00	
	ADD. PROJECT DIRECTOR REST ROOM	1.00		1.00	1.00	
					4.00	NOS
13.00	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 1 or 2 Module					
	PANTRY	1.00		2.00	2.00	
	S.T.E -6 TOILET	1.00		1.00	1.00	
	CORRIDOR	1.00		1.00	1.00	
	ALL T.E.	9.00		2.00	18.00	
	CORRIDOR	1.00		2.00	2.00	
	STORE KEEPER	1.00		2.00	2.00	
	STORE KEEPER TOILET	1.00		2.00	2.00	
	ADD. PROJECT DIRECTOR TOILET	1.00		1.00	1.00	
	TERRACE	1.00		2.00	2.00	
	CORRIDOR	1.00		2.00	2.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	PROJECT DIRECTOR REST ROOM	1.00		2.00	2.00	
	PROJECT DIRECTOR TOILET	1.00		2.00	2.00	
	TERRACE	1.00		2.00	2.00	
	CORRIDOR	1.00		2.00	2.00	
	PANTRY	1.00		2.00	2.00	
					45.00	NOS
14.00	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 3 Module					
	MEETING HALL	1.00		1.00	1.00	
	PANTRY	1.00		2.00	2.00	
	S.T.E -6 TOILET	1.00		1.00	1.00	
	COMMON MALE TOILET 1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET 1,2	2.00		1.00	2.00	
	STORE KEEPER	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		2.00	2.00	
	ADD. PROJECT DIRECTOR PA/PS	1.00		2.00	2.00	
	ADD. PROJECT DIRECTOR TOILET	1.00		2.00	2.00	
	TERRACE	1.00		2.00	2.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	PROJECT DIRECTOR PA/PS	1.00		2.00	2.00	
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00	

	PANTRY	1.00		1.00	1.00	
					23.00	NOS
15.00	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 4 Module					
	LS	1.00		2.00	2.00	
					2.00	NOS
16.00	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 6 Module					
	MEETING HALL	1.00		1.00	1.00	
	ALL S.T.E	10.00		1.00	10.00	
	WORKSTATION	1.00		1.00	1.00	
	ALL T.E.	9.00		1.00	9.00	
	ADD. PROJECT DIRECTOR	1.00		1.00	1.00	
	ADD. PROJECT DIRECTOR PA/PS	1.00		1.00	1.00	
	ADD. PROJECT DIRECTOR REST ROOM	1.00		1.00	1.00	
	FINANCE OFFICER	1.00		1.00	1.00	
	ADMIN OFFICER	1.00		1.00	1.00	
	GM ADMIN	1.00		1.00	1.00	
	GM FINANCE	1.00		1.00	1.00	
	PROJECT DIRECTOR	1.00		1.00	1.00	
	PROJECT DIRECTOR PA/PS	1.00		1.00	1.00	
	PROJECT DIRECTOR REST ROOM	1.00		1.00	1.00	
	PANTRY	1.00		1.00	1.00	
	STORE KEEPER	1.00		1.00	1.00	
					33.00	NOS
17.00	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 8 Module					
	MEETING HALL	1.00		1.00	1.00	
	WORKSTATION	1.00		1.00	1.00	
	CORRIDOR	1.00		5.00	5.00	
					7.00	NOS
18.00	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required, 12 Module					
	CORRIDOR	1.00		2.00	2.00	
					2.00	NOS
19.00	Blank plate for modular plate type switch boards wherever required.					
	LS	1.00		10.00	10.00	
					10.00	NOS
20.00	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	INSIDE 12 WAY VTPN DB	2.00		36.00	72.00	
					72.00	NOS
21.00	S&F of 125 Amp 4 pole MCCB (25 KA) Thermal Magnetic release					
	INSIDE 12 WAY VTPN DB	2.00		1.00	2.00	
					2.00	NOS
22.00	S & F surface/Flush mounting 12ways V TPN distribution board with additional metal door without MCB complete in all respect, as directed at site by Engineer in charge. CAT-A					
	12 WAY VTPN DB	2.00		1.00	2.00	
					2.00	NOS

23.00	Supply and fixing of recess mounting round 15 TO 18 Watt LED Down Lighter having Powder coated die cast aluminium housing with heat sink, diffuser/ Reflector and driver set complete in all respect. CAT-AAA					
	MEETING HALL	1.00		20.00	20.00	
	COMMON MALE TOILET 1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET 1,2	2.00		1.00	2.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
	ADD. PROJECT DIRECTOR	1.00		8.00	8.00	
	ADD. PROJECT DIRECTOR REST ROOM	1.00		10.00	10.00	
	ADD. PROJECT DIRECTOR TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	PROJECT DIRECTOR	1.00		12.00	12.00	
	PROJECT DIRECTOR REST ROOM	1.00		10.00	10.00	
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00	
						69.00 NOS
24.00	Supply and fixing of 36 Watt to 46 Watt above 3300 leumin indoor Recess mounting LED Square Fitting for Armstrong Ceiling having Powder coated die cast aluminium housing body with extended heat sink and diffuser of Special Polycarbonate material and driver set complete in all respect. CAT-AAA					
	ALL S.TE	10.00		2.00	20.00	
	PANTRY	1.00		2.00	2.00	
	STORE KEEPER	1.00		4.00	4.00	
	WORKSTATION	1.00		10.00	10.00	
	ALL T.E.	8.00		4.00	32.00	
	ADD. PROJECT DIRECTOR PA/PS	1.00		4.00	4.00	
	GM ADMIN	1.00		4.00	4.00	
	GM FINANCE	1.00		4.00	4.00	
	FINANCE OFFICER	1.00		12.00	12.00	
	ADMIN OFFICER	1.00		8.00	8.00	
	PROJECT DIRECTOR PA/PS	1.00		6.00	6.00	
	PANTRY	1.00		6.00	6.00	
						112.00 NOS
25.00	Supply and fixing of 150mm Fresh Air Fan all complete as per drawing and specification and direction of engineer incharge. Make-Crompton/Bajaj/Havels Equivalent					
	ADD. PROJECT DIRECTOR TOILET	1.00		1.00	1.00	
	PROJECT DIRECTOR TOILET	1.00		1.00	1.00	
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00	
	S.T.E-6 TOILET	1.00		1.00	1.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
	PANTRY	2.00		1.00	2.00	
						12.00 NOS
26.00	Supply and fixing of 400mm Wall Fan all complete as per drawing and specification and direction of engineer incharge. Make-Crompton/Bajaj/Havels Equivalent					
	MEETING HALL	1.00		4.00	4.00	
	ALL S.TE	10.00		1.00	10.00	
	PANTRY	1.00		1.00	1.00	
	WORKSTATION	1.00		2.00	2.00	
	ALL T.E.	9.00		1.00	9.00	
	STORE KEEPER	1.00		1.00	1.00	
	ADD. PROJECT DIRECTOR	1.00		1.00	1.00	
	ADD. PROJECT DIRECTOR REST ROOM	1.00		1.00	1.00	

	ADD. PROJECT DIRECTOR PA/PS	1.00		1.00	1.00
	FINANCE OFFICER	1.00		2.00	2.00
	ADMIN OFFICER	1.00		2.00	2.00
	GM ADMIN	1.00		1.00	1.00
	GM FINANCE	1.00		1.00	1.00
	PROJECT DIRECTOR	1.00		1.00	1.00
	PROJECT DIRECTOR REST ROOM	1.00		1.00	1.00
	PROJECT DIRECTOR PA/PS	1.00		2.00	2.00
	PANTRY	1.00		1.00	1.00
					41.00 NOS
27.00	Supply & Fixing of LED Profile Light all complete as per drawing and specification and direction of engineer incharge. Make-Ledadvance/Ledos/Ledlum/Philips, Equivalent				
	MEETING HALL	1.00		26.00	26.00
	ALL S.T.E	10.00		5.00	50.00
	ADD. PROJECT DIRECTOR	1.00		15.00	15.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00		18.00	18.00
	GM ADMIN	1.00		7.00	7.00
	GM FINANCE	1.00		7.00	7.00
	PROJECT DIRECTOR	1.00		30.00	30.00
	PROJECT DIRECTOR REST ROOM	1.00		22.00	22.00
					175.00 RMT
28.00	Supply & Fixing of LED Profile Light Driver all complete as per drawing and specification and direction of engineer incharge. Make-Ledadvance/Ledos/Ledlum/Philips, Equivalent				
	MEETING HALL	1.00		5.00	5.00
	ALL S.T.E	10.00		1.00	10.00
	ADD. PROJECT DIRECTOR	1.00		3.00	3.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00		4.00	4.00
	GM ADMIN	1.00		2.00	2.00
	GM FINANCE	1.00		2.00	2.00
	PROJECT DIRECTOR	1.00		6.00	6.00
	PROJECT DIRECTOR REST ROOM	1.00		5.00	5.00
					37.00 NOS
29.00	Supply and Fixing of Deep Recess Mounting round 10 Watt COB LED Spot Light having Powder coated die cast aluminium housing with heat sink, diffuser/ Reflector and driver set complete in all respect. Make-Ledadvance/Ledos/Ledlum/Philips, Equivalent				
	MEETING HALL	1.00		20.00	20.00
	S.T.E -6 TOILET	1.00		2.00	2.00
	ALL CORRIDOR	1.00		60.00	60.00
	COMMON MALE TOILET 1,2	2.00		2.00	4.00
	COMMON FEMALE TOILET 1,2	2.00		2.00	4.00
	STORE KEEPER TOILET	1.00		2.00	2.00
	ADD. PROJECT DIRECTOR	1.00		10.00	10.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00		12.00	12.00
	ADD. PROJECT DIRECTOR TOILET	1.00		2.00	2.00
	GM ADMIN	1.00		6.00	6.00
	GM ADMIN TOILET	1.00		2.00	2.00
	GM FINANCE	1.00		6.00	6.00
	GM FINANCE TOILET	1.00		2.00	2.00
	PROJECT DIRECTOR	1.00		15.00	15.00
	PROJECT DIRECTOR REST ROOM	1.00		15.00	15.00
	PROJECT DIRECTOR TOILET	1.00		2.00	2.00
					164.00 NOS
30.00	Supply and Fixing of Deep Recess Mounting round 12.5 Watt COB LED Spot Light having Powder coated die cast aluminium housing with heat sink, diffuser/ Reflector and driver set complete in all respect. Make-Ledos or equivalent				

	WORKSTATION	1.00			15.00	15.00	
	ALL T.E.	9.00			6.00	54.00	
	ADMIN OFFICER	1.00			12.00	12.00	
	FINANCE OFFICER	1.00			12.00	12.00	
						93.00	NOS
31.00	Supply & Fixing of 150MM Inline Mixflow Fresh Air Fan all complete as per drawing and specification and direction of engineer incharge. Make-Rexton Grand-6 or equivalent						

	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
					7.00	NOS
32.00	Supply & Fixing of 150MM Gravity Grill For Inline Mixflow Fresh Air Fan all complete as per drawing and specification and direction of engineer incharge. Make-Rexton Gravity Grill-6 or equivalent					
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
					7.00	NOS
33.00	Supply & Fixing of 150MM Air Valve For Inline Mixflow Fresh Air Fan all complete as per drawing and specification and direction of engineer incharge. Make-Rexton CAV-6					
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
					7.00	NOS
34.00	Supply & Fixing of 110MM Ceiling Mount Fresh Air Fan all complete as per drawing and specification and direction of engineer incharge. Make-Crompton or equivalent					
	COMMON MALE TOILET-1,2	2.00		1.00	2.00	
	COMMON FEMALE TOILET-1,2	2.00		1.00	2.00	
	GM FINANCE TOILET	1.00		1.00	1.00	
	GM ADMIN TOILET	1.00		1.00	1.00	
	STORE KEEPER TOILET	1.00		1.00	1.00	
					7.00	NOS
35.00	Providing & Fixing of 5KVA Online UPS Having 12V/26AH; 15Nos Batteries & Battery Stand all complete as per drawing and specification and direction of engineer incharge. Make-Aeon or equivalent					
	SERVER ROOM	1.00		1.00	1.00	
					1.00	NOS
36.00	Providing & Fixing of Call Bell Chimes all complete as per drawing and specification and direction of engineer incharge. Make-L&T					
	GM FINANCE	1.00		1.00	1.00	
	GM ADMIN	1.00		1.00	1.00	
	ADD. PROJECT DIRECTOR	1.00		1.00	1.00	
	PROJECT DIRECTOR	1.00		1.00	1.00	
					4.00	NOS
37.00	Providing & Fixing of 1800MM Linear Hanging LED Light all complete as per drawing and specification and direction of engineer incharge. Make-Ledlum or equivalent					
	ADD. PROJECT DIRECTOR	1.00		1.00	1.00	
	PROJECT DIRECTOR	1.00		1.00	1.00	
					2.00	NOS
38.00	Providing & Fixing of 1200MM linear Hanging LED Light all complete as per drawing and specification and direction of engineer incharge. Make-Ledlum or equivalent					
	ADD. PROJECT DIRECTOR	1.00		1.00	1.00	
					1.00	NOS

4. MEASUREMENT OF FURNITURE WORK

MEASUREMENT SHEET							
SR.NO.	ITEM DESCRIPTION	NOS	L	B	H	QTY	UNIT
1.00	Providing & Making & Fixing of Executive Wooden Classic Table of Size (3000Lx1200Wx750HT) MM & Having 2 Nos Side Storage of Size (900Lx450Wx700HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized						
	PROJECTOR DIRECTOR	1.00			1.00	1.00	
	ADD. PROJECT DIRECTOR	1.00			1.00	1.00	
						2.00	NOS
2.00	Providing & Making & Fixing of Back Storage of Size (3000Lx450Wx750HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized						
	PROJECTOR DIRECTOR	1.00			1.00	1.00	
	ADD. PROJECT DIRECTOR	1.00			1.00	1.00	
						2.00	NOS
3.00	Providing & Making & Fixing of Executive Wooden Classic Table of Size (2400Lx1200Wx750HT) MM & Having 2 Nos Side Storage of Size (900Lx450Wx700HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized						
	SENOIR DIRECTOR	1.00			1.00	1.00	
						1.00	NOS
4.00	Providing & Making & Fixing of Back Storage of Size (2400Lx450Wx750HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized						
	SENOIR DIRECTOR	1.00			1.00	1.00	
						1.00	NOS
5.00	Providing & Making & Fixing of TV Pannel of Size (2400Lx450Wx750HT) Made of 2 Layers of 19MM Board with All Edges to be Lipped with Teak Wood Beading & All Outside Exposed Surface To Be Finished With 4MM Veneer which shall be Melamine Polished & Inner Side To Be Finished with 1MM Laminate, Complete In All Respect As Per Drawing, Specification Approved By Architect/ Engineer In Charge. Customized						
	PROJECTOR DIRECTOR	1.00			1.00	1.00	
	ADD. PROJECT DIRECTOR	1.00			1.00	1.00	
						2.00	NOS
6.00	Providing & Fixing of Table of Size - 2100W X 900D X 750HT Having Side Storage of - 900W X 450D X 750HT Specifications Table Top: 25mm thick Pre laminate particle board with 2mm PVC edge Lipping on all exposed edges (Straight/Reverse waterfall edge) Support: End Legs : Powder coated Al die casted Enrich legs Modesty Panel: 18mm thk pre lam board with 2mm PVC edge lipping of 450mm Ht. Wire Management: 450mm Aluminium Flip Up and provision to mount swiches and sockets on PVC cable dump and Vertical wire entry cover or vertebra for wire uptake from floor to cable dump The storage will be made in 18 MM PLB (Pre laminated board) with the density of 680kg/m³ and 18 mm thick one side pre- laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. The PLB will be confirming to E-1 Grade as per the JIS A 5905-2003 standards and approved shade confirming to IS-12823:1990.The back of storage will be made in 9 MM PLB (Pre laminated board) with the density of 680kg/m³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. Storage will be provided with edge banding 2 mm thick PVC edge band will confirm to DIN 68861 for resistance to clearers. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification and confirm to ASTM D 4499 standards for viscosity and thermal stability. The edge band material should have Shore D hardness of 79± 4. storage will have two adjustable shelves						
	GM ADMIN OFFICE	1.00			1.00	1.00	
	GM FINANCE OFFICE	1.00			1.00	1.00	
						2.00	NOS
7.00	Providing & Fixing of Back Storage of - 1750W X 450D X 750HT & 450 Extended Top Specifications Table Top: 25mm thick Pre laminate particle board with 2mm PVC edge Lipping on all exposed edges (Straight/Reverse waterfall edge) Support: End Legs : Powder coated Al die casted Enrich legs Modesty Panel: 18mm thk pre lam board with 2mm PVC edge lipping of 450mm Ht. Wire Management: 450mm Aluminium Flip Up and provision to mount swiches and sockets on PVC cable dump and Vertical wire entry cover or vertebra for wire uptake from floor to cable dump The storage will be made in 18 MM PLB (Pre laminated board) with the density of 680kg/m³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. The PLB will be confirming to E-1 Grade as per the JIS A 5905-2003 standards and approved shade confirming to IS-12823:1990.The back of storage will be made in 9 MM PLB (Pre laminated board) with the density of 680kg/m³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. Storgage will be provided with edge banding 2 mm thick PVC edge band will confirm to DIN 68861 for resistance to clearers. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification and confirm to ASTM D 4499 standards for viscosity and thermal stability. The edge band material should have Shore D hardness of 79± 4. storage will have two adjustable shelves						

	GM ADMIN OFFICE	1.00		1.00	1.00	
	GM FINANCE OFFICE	1.00		1.00	1.00	
					2.00	NOS
8.00	Providing & Fixing of Table of Size - 1800W X 900D X 750HT Having Side Storage of - 900W X 450D X 750HT Specifications Table Top: 25mm thick Pre laminate particle board with 2mm PVC edge Lipping on all exposed edges (Straight/Reverse waterfall edge) Support: End Legs : Powder coated Al die casted Enrich legs Modesty Panel: 18mm thk pre lam board with 2mm PVC edge lipping of 450mm Ht. Wire Management: 450mm Aluminium Flip Up and provision to mount swiches and sockets on PVC cable dump and Vertical wire entry cover or vertebra for wire uptake from floor to cable dump The storage will be made in 18 MM PLB (Pre laminated board) with the density of 680kg/m³ and 18 mm thick one side pre- laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. The PLB will be confirming to E-1 Grade as per the JIS A 5905-2003 standards and approved shade confirming to IS-12823:1990.The back of storage will be made in 9 MM PLB (Pre laminated board) with the density of 680kg/m³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. Storage will be provided with edge banding 2 mm thick PVC edge band will confirm to DIN: 68861 for resistance to clearers. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification and confirm to ASTM D 4499 standards for viscosity and thermal stability. The edge band material should have Shore D hardness of 79± 4. storage will have two adjustable shelves					
	ALL S.T.E	10.00		1.00	10.00	
					10.00	NOS
9.00	Providing & Fixing of Table of Size - 1500W X 750D X 750HT Having Side Storage of - 900W X 450D X 750HT. The main table shall be made of 25mm thick PLB one side pre-laminate board confirming to IS- 14587:1998. Soft closing access flap with in-built power box to be provided on work surface for wire management. Return table Work Surface should be made of 25mm thick PLB one side pre-laminate board confirming to IS-14587:1998. PLB will be E1-P2 grade and approved shade. Confirming to IS-12823:1990. 2 mm thick PVC edge band will confirm to DIN: 68861 for resistance to clearers. The edge band material should have Shore D hardness of 79± 4. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification confirming to ASTM D: 4499 standards for viscosity and thermal stability. The edges should be PVC Edge banded with matching finish or have an option of reverse water fall edges.Modesty Panel shall be made of 18mm thick PLT both sides pre-laminate board confirming to IS- 14587:1998.The height of modesty shall be 450 mm.The modesty panel will be connected to the main table by 2 nos special Aluminum extruded brackets. The modesty will be fixed 150 mm from the edge of the table. • Cable management: The table will be provided with suitable grommet hole. Legs and Supports:- The MS supports are made of 55 x55mm diamond shape loop leg ERW tubes- 16g with levelers to cater for floor undulations- +/- 20 mm. ERW Tube confirming to IS 4923 : 1997 – 16g. Main leg members will be connected through a horizontal member size 1.6mm thk, 60x40 cold formed ERW tube confirming to IS 4923: 1997. The vertical and the horizontal tubes will be welded with CO2 MIG welding process confirming to IS 816 and ISO: 9692-2. The leg will be fabricated using Argon & Co2 gas mixture on a Robotic welding machine to ensure adequate welding strength with consistency. • The legs will be connected with Cross beams to take care of the bending stress catering up to 1800 mm length and up to 900 mm depth of the work surface. Finish:- All metal components & aluminum die cast parts will be powder coated by Nano ceramic surface treatment process compiled to a Bend test-ASTM D3451 – 06, Adhesion -DIN EN 14901 Salt spray test- DIN EN ISO 9227, which is non-hazardous, environmental friendly and will have uniform powder coating thickness of 50-60-micron thickness. Wire Management: Make-Featherlite/Geeken/Hof/Equivalent					
	ALL T.E	10.00		1.00	10.00	
	ADMIN OFFICE	1.00		2.00	2.00	
	FINANCE OFFICE	1.00		2.00	2.00	
	PROJECTOR DIRECTOR PA/PS	1.00		1.00	1.00	
	ADD. PROJECTOR DIRECTOR PA/PS	1.00		1.00	1.00	
					16.00	NOS
10.00	Providing & Fixing of LINEAR WORKSTATIONS SIZE:- 1200W X 600D X 750HT AND 300HT HEIGHT Specifications: Table Top - 25mm thick Pre Lam particle board with 2mm edge lipping on all exposed sides. Support - MS powder coated diamond shape leg of 55X55mm size with die cast connectors and supporting MS cross beams. Main Screen:- Aluminum anodised 30mm scree n with fabric magnetic and glass marker tiles. Privacy Screen:- 6mm thick acrylic screen on studs. Wiremanagement - 450mm metal flip up with provision to mount switches and sockets on MS cable tray and vertical wire entry cover between the intermeidate leg for power and data.					
	WORKSTATION ROOM	1.00		9.00	9.00	
	T.E -7,8	2.00		2.00	4.00	
	T.E -9	1.00		1.00	1.00	
	ADMIN OFFICE	1.00		2.00	2.00	
	FINANACE OFFICE	1.00		2.00	2.00	
	PROJECTOR DIRECTOR PA/PS	1.00		2.00	2.00	
	ADD. PROJECTOR DIRECTOR PA/PS	1.00		2.00	2.00	
					22.00	NOS
11.00	Providing & Fixing of Mobile Pedestal made of 0.6mm thick CRCA with 1 drawer units and 1 filling folder unit. The Drawer units are made mobile with the use of castors. Fixed pedestal shall be provided with an overall size 400mm X 450mm X 640mm. The pedestal shall be made up of CRCA powder coated sheet. The pedestal shall have 2 nos. of drawer i.e. 1 box drawer and 1 filing drawer. The drawer shall be operated on sliding channels to enable smooth operation. The drawer shall have central locking mechanism in which all the drawer shall be synchronized locked with one single key, Make-Featherlite or equivalent					
	WORKSTATION ROOM	1.00		9.00	9.00	
	T.E -7,8	2.00		2.00	4.00	
	T.E -9	1.00		1.00	1.00	
	ADMIN OFFICE	1.00		2.00	2.00	

	FINANACE OFFICE	1.00		2.00	2.00	
	PROJECTOR DIRECTOR PA/PS	1.00		2.00	2.00	
	ADD. PROJECTOR DIRECTOR PA/PS	1.00		2.00	2.00	
					22.00	NOS
12.00	Providing & Making & Fixing of Conference Table Made of 19MM Board, Top in 3 layers and Vertical drop in 3 Lair 19MM ply board. All the surface to be clad with 4MM Veneer & Having S.S Frame Square Section of 302 Grade. All the Edges to be lipped with 4MM Veneer which shall be Water Based PU Polished, all complete as per design approved by E/I & Architect Incharge. Customized					
	CONFERENCE ROOM	1.00	8.90	1.80	16.02	
		1.00	3.33	0.90	3.00	
					19.02	SQM
13.00	Providing & Fixing of High Back chair Ergonomically designed fully upholstered with Leather. The Seat and Back Cushion of the chairs shall be pressed on 9 layer 12mm hot pressed moulded ply. The seat cushion of the chair shall be made up of 80-85mm thick High Density of 45±2 Kg/m ³ polyurethane moulded and back cushion shall be made up of 70-75mm thick High Density 33±2 Kg/m ³ . The hardness of foam shall be 20 kg on hampden machine and 25% compression and it should be covered with leather as per manufacturer's shade card (shade and texture of Fabric/leatherette shall be approved by the Department).Arms will be aluminum buffed metal arms with cushion padding upholsted in half leather with metallic finish & leather pad. Standard Mechanism : Torsion bar Mechanism .Height Adjustment :Hydraulic Gas lift of80-120mm height adjustment. Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 4 locking positionsAluminium Base: Specially designed 5 pronged structure with Aluminium die casting of 4 mm thick. Base of diameter 26 inches for complete stability. MODEL:- YOMA HB, Make- Featherlite/Geeken/Hof/Equivalent					
	CONFERENCE ROOM	1.00		2.00	2.00	
	ADD. PROJECT DIRECTOR	1.00		1.00	1.00	
	PROJECT DIRECTOR	1.00		1.00	1.00	
					4.00	NOS
14.00	Providing & Fixing of Medium Back chair Ergonomically designed fully upholstered with Leather. The Seat and Back Cushion of the chairs shall be pressed on 9 layer 12mm hot pressed moulded ply. The seat cushion of the chair shall be made up of 80-85mm thick High Density of 45±2 Kg/m ³ polyurethane moulded and back cushion shall be made up of 70-75mm thick High Density 33±2 Kg/m ³ . The hardness of foam shall be 20 kg on hampden machine and 25% compression and it should be covered with leather as per manufacturer's shade card (shade and texture of Fabric/leatherette shall be approved by the Department).Arms will be aluminum buffed metal arms with cushion padding upholsted in half leather with metallic finish & leather pad. Standard Mechanism : Torsion bar Mechanism .Height Adjustment :Hydraulic Gas lift of80-120mm height adjustment. Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 4 locking positionsAluminium Base: Specially designed 5 pronged structure with Aluminium die casting of 4 mm thick. Base of diameter 26 inches for complete. MODEL:- YOMA MB, Make- Featherlite/Geeken/Hof/Equivalent					
	ADD. PROJECT DIRECTOR	1.00		8.00	8.00	
	PROJECT DIRECTOR	1.00		8.00	8.00	
	CONFERENCE ROOM	1.00		24.00	24.00	
					40.00	NOS
15.00	Fixed Leg Chair Made of The frame is made out of 25.4mm tube of 16 gauge tube confirming to IS-7138- 1973. Welded by Co2 welding process for uniform surface finish and higher tensile strength perforation on the sheet is of uniform 2.5mm dimension and gives good ventilation.High quality hardware conforming to Hardness 38-44 and tensile strength – 1300 n/mm. IS 1363-1967.Seat is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Japanese T-nuts and riveted in to the plywood.Set and backUpholstery: Cushion with pre-moulded foam of 50 - 60kg/m ³ density in the shape of plywood. Density -- 52 kg/m ³ Hardness -- 12.6kgf at 25%.Injection moulded polypropylene armrests.Leanerette cusion Back on Frame. Back is injected moulded PP.Seat and back are duly upholstered with approved Leatherette. Tycoon VA, Make-Featherlite/Geeken Equivalent.					
	CONFERENCE ROOM	1.00		24.00	24.00	
					24.00	NOS

16.00	<p>Providing & Fixing, High Back Chair's (SEAT & BACK IN LEATHERETTE) is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Imported T-nuts and revited in to the wood.Gaslift - Class 4 tested -ANSI BIFMA performance standards.Castors - Twin Castors 50mm dia castors complying to ANSI / BIFMA X 5.1 - 2002.The 640mm dia (26 inches) five pronged base is made out of GF nylon – Reinforced with bottom ribbing for additional buttress and strength.Tested prudently and rigorously as per ANSI/BIFMA X5.1-2011 General Purpose Office Chair Standards.Upholstery: Seat Cushion with pre moulded foam having leatherette tapestery of 50 - 60 density Density -- 52 kg/m3 Hardness -- 12.6kgf at 25%.Distinctively and characteristically designed tilt mechanism offering a very smooth and fluidic reclining motion with tension adjust knob and importantly offering seat to back recline ratio of 3:7, optimal for good back support.Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 3 locking positions, back rest " Return Prevention" function. Back Frame is inserted with leathertte tapestery cushion & Adjustable Lumbar Support.Tension control is below the Seat.Moulded polyurethane Arms confirming to IS 7078 with steel inserts for long Moulded self skinned polyurethane Arms confirming to IS 7078 with steel insets for long life. one way adjustable - Height Adjustable.Seat is duly upholstered with approved fabric. Chair will have adjustable headrestChair Should be BIFMA Certified.Seat: Depth- 51.5 cm Width- 44.5 cm Dimensions: Width- 51.5 cm Depth- 53.5 cm Minimum Height- 99.5 cm Maximum Height- 108.5 cm Minimum Seat Height- 44.5 cm Maximum Seat Height- 52.5 cm Width (Arm to Arm)- 66 MODEL, Chair should be BIFMA and Green Guard certified.:- AMAZE HB, Make-Featherlite/Geeken Equivalent.</p>					
	GM ADMIN OFFICER	1.00		1.00	1.00	
	GM FINANCE OFFICER	1.00		1.00	1.00	
					2.00	NOS
17.00	<p>Providing & Fixing, Visitor Chair, BRAVO VISITOR (SEAT & BACK IN LEATHERETTE) This ergonomically designed visitor or meeting chair is built for durability, comfort, and long-term use in reception areas, meeting rooms, or waiting lounges. The chair frame is constructed using a 25.4mm diameter, 16-gauge steel tube, manufactured in compliance with IS:7138-1973 standards. The steel structure offers exceptional strength and stability, while ensuring a uniform surface finish and increased tensile strength throughout the frame. The seat and backrest are crafted from 12mm thick molded hot-pressed plywood, ergonomically shaped to support the natural curvature of the spine and promote good seating posture. The plywood is reinforced with imported T-nuts, securely riveted into the wood, providing a robust foundation for mounting and upholstery. The backrest sheet includes uniform 2.5mm perforations, strategically designed to provide effective air ventilation, enhancing user comfort during prolonged sitting. Both the seat and back are cushioned with pre-molded high-density foam, tailored to match the contour of the plywood base. The foam has a density of 52 kg/m³ and a hardness of 12.6 kgf at 25% compression, offering the ideal balance between firmness and comfort. The chair features a single padded cushioned back with a clean and professional appearance, upholstered in high-grade leatherette, which is not only visually appealing but also easy to clean and maintain. The seat is similarly upholstered in matching leatherette, providing a cohesive and polished look suitable for corporate interiors. Supporting the user's arms are fixed polypropylene (PP) armrests integrated with internal metal inserts to ensure enhanced durability and support under regular use. The armrests are ergonomically positioned to support natural elbow placement, contributing to overall user comfort.</p>					
	GM ADMIN OFFICER	1.00		6.00	6.00	
	GM FINANCE OFFICER	1.00		6.00	6.00	
					12.00	NOS
18.00	<p>Providing & Fixing of High Back Chair's Seat and back is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Imported T-nuts and revited in to the wood.Gaslift - Class 4 tested -ANSI BIFMA performance standards.Castors - Twin Castors 50mm dia castors complying to ANSI / BIFMA X 5.1 - 2002.The 640mm dia (26 inches) five pronged base is made out of GF nylon – Reinforced with bottom ribbing for additional buttress and strength.Tested prudently and rigorously as per ANSI/BIFMA X5.1- 2011 General Purpose Office Chair Standards.Upholstery: Seat Cushion with pre moulded foam having leatherette tapestery of 50 - 60 density Density -- 52 kg/m3 Hardness -- 12.6kgf at 25%.Distinctively and characteristically designed tilt mechanism offering a very smooth and fluidic reclining motion with tension adjust knob and importantly offering seat to back recline ratio of 3:7, optimal for good back support.Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 3 locking positions, back rest " Return Prevention" function. Back Frame is inserted with leathertte tapestery cushion & Adjustable Lumbar Support.Tension control is below the Seat.Moulded polyurethane Arms confirming to IS 7078 with steel inserts for long Moulded self skinned polyurethane Arms confirming to IS 7078 with steel insets for long life. one way adjustable - Height Adjustable.Seat is duly upholstered with approved fabric. Chair will have adjustable headrestChair Should be BIFMA Certified.Seat: Depth- 51.5 cm Width- 44.5 cm Dimensions: Width- 51.5 cm Depth- 53.5 cm Minimum Height- 99.5 cm Maximum Height- 108.5 cm Minimum Seat Height- 44.5 cm Maximum Seat Height- 52.5 cm Width (Arm to Arm)- 66 MODEL, Chair should be BIFMA and Green Guard certified.:- AMAZE HB, Make-Featherlite/Geeken Equivalent.</p>					
	ALL S.TE	8.00		1.00	8.00	
					8.00	NOS

19.00	<p>Providing & Fixing of Medium Back Chair's Seat and back is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Imported T-nuts and riveted in to the wood.Gaslift - Class 4 tested ANSI BIFMA performance standards.Castors - Twin Castors 50mm dia castors complying to ANSI / BIFMA X 5.1 – 2002.The 640mm dia (26 inches) five pronged base is made out of GF nylon – Reinforced with bottom ribbing for additional buttress and strength.Tested prudently and rigorously as per ANSI/BIFMA X5.1- 2011 General Purpose Office Chair Standards.Upholstery: Seat Cushion with pre moulded foam having leatherette tapestery of 50 - 60 density Density -- 52 kg/m3 Hardness -- 12.6kgf at 25%.Distinctively and characteristically designed tilt mechanism offering a very smooth and fluidic reclining motion with tension adjust knob and importantly offering seat to back recline ratio of 3:7, optimal for good back support.Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 3 locking positions, back rest "Return Prevention" function. Back Frame is inserted with leatherette tapestery cushion & Adjustable Lumbar Support.Tension control is below the Seat.Moulded polyurethane Arms confirming to IS 7078 with steel inserts for long Moulded self skinned polyurethane Arms confirming to IS 7078 with steel insets for long life. one way adjustable - Height Adjustable.Seat is duly upholstered with approved fabric. Chair Should be BIFMA Certified.Seat: Depth- 51.5 cm Width- 44.5 cm Dimensions: Width- 51.5 cm Depth- 53.5 cm Minimum Height- 99.5 cm Maximum Height- 108.5 cm Minimum Seat Height- 44.5 cm Maximum Seat Height- 52.5 cm Width (Arm to Arm)- 66 cm Arm Rest Height- 18- 27.5 cm Chair should be BIFMA and Green Guard certified. AMAZE MB, Make-Featherlite/Geeken/Hof/Equivalent</p>	1.00		8.00	8.00	
	ALL T.E.	1.00		8.00	8.00	
	ADMIN OFFICER	1.00		2.00	2.00	
	FINANCE OFFICER	1.00		2.00	2.00	
	PROJECTOR DIRECTOR PA/PS	1.00		1.00	1.00	
	ADD. PROJECTOR DIRECTOR PA/PS	1.00		1.00	1.00	
					14.00	NOS
20.00	<p>Providing & Fixing of Fixed Leg Chair Made of The frame is made out of 25.4mm tube of 16 gauge tube confirming to IS-7138-1973, Welded by Co2 welding process for uniform surface finish and higher tensile strength perforation on the sheet is of uniform 2.5mm dimension and gives good ventilation.High quality hardware conforming to Hardness 38-44 and tensile strength – 1300 n/mm. IS 1363-1967.Seat is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Japanese T-nuts and riveted in to the plywood.Set and backUpholstery: Cushion with pre-moulded foam of 50 - 60kg/m3 density in the shape of plywood. Density -- 52 kg/m3 Hardness -- 12.6kgf at 25%.Injection moulded polypropylene armrests.Leanerette cushion Back on Frame. Back is injected moulded PP.Seat and back are duly upholstered with approved Leatherette. AMAZE VA, Make-Featherlite/Geeken/Hof/Equivalent</p>					
	ALL S.T.E.	8.00		3.00	24.00	
	ALL T.E.	8.00		2.00	16.00	
	ADMIN OFFICER	2.00		2.00	4.00	
	FINANCE OFFICER	2.00		2.00	4.00	
	PROJECTOR DIRECTOR PA/PS	1.00		2.00	2.00	
	ADD. PROJECTOR DIRECTOR PA/PS	1.00		2.00	2.00	
					52.00	NOS
21.00	<p>Providing & Fixing of Medium Back Chair's Seat and back is made out of 12mm molded hot pressed plywood in ergonomic shape fitted with Imported T-nuts and riveted in to the wood.Gaslift - Class 4 tested ANSI BIFMA performance standards.Castors - Twin Castors 50mm dia castors complying to ANSI / BIFMA X 5.1 – 2002.The 640mm dia (26 inches) five pronged base is made out of GF nylon – Reinforced with bottom ribbing for additional buttress and strength.Tested prudently and rigorously as per ANSI/BIFMA X5.1- 2011 General Purpose Office Chair Standards.Upholstery: Seat Cushion with pre moulded foam having leatherette tapestery of 50 - 60 density Density -- 52 kg/m3 Hardness -- 12.6kgf at 25%.Distinctively and characteristically designed tilt mechanism offering a very smooth and fluidic reclining motion with tension adjust knob and importantly offering seat to back recline ratio of 3:7, optimal for good back support.Multilock mechanism is fabricated from CR Sheets, undergo through CO2 welding process imparting uniform surface finish and tensile strength. The components are processed with high degree of precision and care so as to assemble with other parts in perfect harmony to give smooth and effortless reclining experience. Tension springs are made out Grade II material conforming to Indian Standards. Also provided with release levers for locking mechanism and height adjustment of seat. Mechanism aides to operate the height adjustment, and has been equipped with 3 locking positions, back rest "Return Prevention" function. Back Frame is inserted with leatherette tapestery cushion & Adjustable Lumbar Support.Tension control is below the Seat.Moulded polyurethane Arms confirming to IS 7078 with steel inserts for long Moulded self skinned polyurethane Arms confirming to IS 7078 with steel insets for long life. one way adjustable - Height Adjustable.Seat is duly upholstered with approved fabric. Chair Should be BIFMA Certified.Seat: Depth- 51.5 cm Width- 44.5 cm Dimensions: Width- 51.5 cm Depth- 53.5 cm Minimum Height- 99.5 cm Maximum Height- 108.5 cm Minimum Seat Height- 44.5 cm Maximum Seat Height- 52.5 cm Width (Arm to Arm)- 66 cm Arm Rest Height- 18- 27.5 cm Chair should be BIFMA and Green Guard certified. ALPHA MB, Make-Featherlite/Geeken/Hof/Equivalent</p>					
	WORKSTATION	1.00		9.00	9.00	
	ADMIN OFFICER	1.00		2.00	2.00	
	FINANCE OFFICER	1.00		2.00	2.00	
	PROJECTOR DIRECTOR PA/PS	1.00		2.00	2.00	
	ADD. PROJECTOR DIRECTOR PA/PS	1.00		2.00	2.00	
					77.00	NOS

22.00	Providing & Fixing of Single Seater Sofa of Size: 850L X 790D X 790H Seat Foam: the sofa is made up of fine quality leatherette. The structure is made up of silver wood and pine wood. The Seat is made of PU Foam with Density 32 to 40 +/- 2 kg/cu .mtr Seat is upholstered with Leatherite. Back Foam: The Back is made of PU Foam with Density 32 to 40 +/- 2 kg/cu. Backis upholstered with Leatherite. Unterstructure is made up of silver wood or pine wood , 4mm Dia zigzag Spring is mounted in the understructure for support and additional cushioning purpose. Legs should be made up of stainless steel tubes/pipes, S-SERIES, Make- Featherlite/Geeken/Hof/Equivalent						
	PROJECTOR DIRECTOR REST ROOM	1.00			1.00		1.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00			1.00		1.00
							2.00 NOS
23.00	Providing & Fixing of Double Seater Sofa of Size: 1200L X 790D X 790H Seat Foam: the sofa is made up of fine quality leatherette. The structure is made up of silver wood and pine wood. The Seat is made of PU Foam with Density 32 to 40 +/- 2 kg/cu .mtr Seat is upholstered with Leatherite. Back Foam: The Back is made of PU Foam with Density 32 to 40 +/- 2 kg/cu. Backis upholstered with Leatherite. Unterstructure is made up of silver wood or pine wood , 4mm Dia zigzag Spring is mounted in the understructure for support and additional cushioning purpose. Legs should be made up of stainless steel tubes/pipes, S-SERIES, Make- Featherlite/Geeken/Hof/Equivalent						
	PROJECTOR DIRECTOR	1.00			2.00		2.00
	ADD. PROJECTOR DIRECTOR	1.00			1.00		1.00
	ADD. PROJECTOR DIRECTOR REST ROOM	1.00			1.00		1.00
							4.00 NOS
24.00	Providing & Fixing of Three Seater Sofa of Size: 2050L X 790D X 790H Seat Foam: the sofa is made up of fine quality leatherette. The structure is made up of silver wood and pine wood. The Seat is made of PU Foam with Density 32 to 40 +/- 2 kg/cu .mtr Seat is upholstered with Leatherite. Back Foam: The Back is made of PU Foam with Density 32 to 40 +/- 2 kg/cu. Backis upholstered with Leatherite. Unterstructure is made up of silver wood or pine wood , 4mm Dia zigzag Spring is mounted in the understructure for support and additional cushioning purpose. Legs should be made up of stainless steel tubes/pipes, S-SERIES, Make- Featherlite/Geeken/Hof/Equivalent						
	ADD. PROJECT DIRECTOR	1.00			1.00		1.00
	PROJECT DIRECTOR	1.00			1.00		1.00
	PROJECT DIRECTOR REST ROOM	1.00			1.00		1.00
							3.00 NOS
25.00	Providing & Fixing of Corner Table of SIZE:- 550@Dia, 400D Table top made out of stone Base/ Understructure:- Made up of MS and will be powder coated by Nano ceramic surface treatment process compiled to a Bend test- ASTM D3451 – 06, Adhesion -DIN EN 14901 Salt spray test- DIN EN ISO 9227, which is non-hazardous, environmental friendly and will have uniform powder coating thickness of 50-60- micron thickness, CT-867, Make- Featherlite/Geeken/Hof/Equivalent						
	ADD. PROJECT DIRECTOR	1.00			3.00		3.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00			2.00		2.00
	PROJECT DIRECTOR	1.00			2.00		2.00
	PROJECT DIRECTOR REST ROOM	1.00			2.00		2.00
							9.00 NOS
26.00	Providing & Fixing of Center Table of SIZE:- 1200W X 900D X 400D Table top made out of stone Base/ Understructure:- Made up of MS and will be powder coated by Nano ceramic surface treatment process compiled to a Bend test- ASTM D3451 – 06, Adhesion -DIN EN 14901 Salt spray test- DIN EN ISO 9227, which is non-hazardous, environmental friendly and will have uniform powder coating thickness of 50-60- micron thickness, CT-867, Make-Featherlite/Geeken/Hof/Equivalent						
	ADD. PROJECT DIRECTOR	1.00			1.00		1.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00			1.00		1.00
	PROJECT DIRECTOR	1.00			1.00		1.00
	PROJECT DIRECTOR REST ROOM	1.00			1.00		1.00
							4.00 NOS
27.00	Providing & Fixing 3 SEATER LEAF TANDOM CUSHION SEAT WITH ARMS Beam & Legs are from uniquely designed MS tubes, the foot are from high pressure diecast aluminium material comes with height adjustable leellers to take care even if there is a floor undulation upto 8- 10mm. The Feet, Leg & Beam comes in flat pack, knock down condition and are fixed using zinc passivated best grade hardware. Seat is a plastic injection moulded part in PP material, can be offered with or without cushion & in multiple colours selected from Featherlite shade card based on MOQ. Product can be offered with or without the handle / arms. Arms are from Dia 25mm MS tube fixed with PP arm rest. All Metal & aluminium parts comes with powder coating finish of 60-80 micron thk., Make-Featherlite / Geeken / Hof / Ferris/ Equivalent						
	PASSGAE	1.00			6.00		6.00
							6.00 NOS

28.00	Providing & Fixing of Side Storage of Size 900Wx450Dx1200HT will be made in 18 MM PLB (Pre laminated board) with the density of 680kg/m ³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. The PLB will be confirming to E-1 Grade as per the JIS A 5905-2003 standards and approved shade confirming to IS-12823:1990.The back of storage will be made in 9 MM PLB (Pre laminated board) with the density of 680kg/m ³ and 18 mm thick one side pre-laminate board confirming to IS 12406 : 2013. Surface: CPL (continuous pressure laminate) in 0.5mm thickness in melamine finish. Storage will be provided with edge banding 2 mm thick PVC edge band will confirm to DIN 68861 for resistance to clearers. The Hot melt glue used for fixing the PVC edge band should have ISO 9001- 2015 quality certification and confirm to ASTM D 4499 standards for viscosity and thermal stability. The edge band material should have Shore D hardness of 79± 4. storage will have two adjustable shelves making 3 compartments.The shutters are fitted with auto closing hinges.Central locking system, levellers & other necessary hardware are provided.Handles will be hand grooved, Make- Featherlite/Geeken/Hof/Equivalent							
	ALL S.TE	10.00			2.00			20.00
	PA/PS CABIN	2.00			2.00			4.00
	G.M. ADMIN	1.00			1.00			1.00
	G.M. FINANCE	1.00			7.00			7.00
	ADMIN OFFICER	1.00			2.00			2.00
	WORKSTATION	1.00			14.00			14.00
								48.00
								NOS
29.00	Providing & Placing of Dining Chairs : as per design made of teak wood size 95cms high, seat 45cmx45cm, fully upholstered with approved fabric/leatherette, wood polished in melamine finish, all complete as per drawing, specification and direction as approved by the Architect/ Engineer -in-Charge. Customized							
	PROJECT DIRECTOR REST ROOM	1.00			4.00			4.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00			4.00			4.00
								8.00
								NOS
30.00	Providing & Placing of Dining Table :Size 60"x30"x30" made of teak wood legs& frame, 19MM board on top with Italian Marbel finish.Teak wood polished in matching shade of mica in melamine finish, all complete as per drawing, specification and direction as approved by the Architect/ Engineer -in-Charge. Customized							
	PROJECT DIRECTOR REST ROOM	1.00			1.00			1.00
	ADD. PROJECT DIRECTOR REST ROOM	1.00			1.00			1.00
								2.00
								NOS
31.00	Providing & Making & Fixing of Storage Cabinet made of 19mm board, having shelves & shutters & teak wood beading & finished surface of 1mm thick Laminate including all hardware like tower bolts, hinges, lock & handle as per approved drawing & direction of Engineer incharge.							
	PROJECT DIRECTOR	1.00	2.30		0.75			1.73
	ALL TE	6.00	1.55		0.75			6.98
		2.00	1.65		0.75			2.48
		1.00	2.60		0.75			1.95
	ADMIN/FINANCE	1.00	2.40		0.75			1.80
		1.00	2.25		0.75			1.69
		1.00	2.10		0.75			1.58
	PANTRY	1.00	4.28		0.75			3.21
		1.00	3.55		0.75			2.66
		1.00	1.75		0.75			1.31
		1.00	2.55		0.75			1.91
								27.30
								SQM

Note: All other work requirements related to Fire Alarm Work, VRV Air Conditioning Work, IP Telephony Work, CCTV Work, Networking and Wi-Fi Work, Automation Work, Video Conferencing Work, PA System Work, and Display Work shall be as detailed in the Bill of Quantities (BOQ).

Environmental and Social Requirements

[The Employer's team preparing the ES requirements should include a suitably qualified Environmental and Social specialist/s.]

In preparing detailed specifications for ES requirements the Borrower should refer to and consider the applicable environmental and social standards in the ESF including the specific requirements set out in the Environmental and Social Commitment Plan (ESCP), ESIA/ESA/ESMP, EHSGs and other GIIP as well as SEA and SH prevention and management obligations.

The ES requirements should be prepared in manner that does not conflict with the relevant General Conditions of Contract (and the corresponding Particular Conditions of Contract if any), and other parts of the Specifications.

The following is a non-exhaustive list of Sub-Clauses of the Conditions of Contract that make reference to ES matters stated in the Specifications.]

Sub- Clause/Clause No.	Sub-Clause/Clause	Remarks
8.2	<i>Other Contractors</i>	<i>Indicate specific aspects (if any) that require contractor's cooperation such as to conduct environmental and social assessment.</i>
9.4.1, 9.4.2, 9.4.7, 9.4.8	<i>labor</i>	<i>State applicable requirements in accordance with the labor management procedure.</i>
9.4.6	<i>Facilities for Staff and Labor</i>	<i>-Indicate if access to or provision of services that accommodate physical, social and cultural needs of Contractor's Personnel is required.</i>
9.4.20	<i>Training of Contractor's Personnel</i>	<i>As set out in the ESCP, specify, details of any training to relevant Contractor's Personnel to be provided by the Employer's Personnel on environmental and social aspects. (whom, what, when, where, how long etc.)</i>
15.2	<i>Contractor to Construct the Works</i>	<i>If the Contract specifies that the Contractor shall design any part of the Permanent Works, state any applicable technical standards and requirements including to address:</i> <ul style="list-style-type: none"> • <i>climate change considerations,</i> • <i>universal access,</i>

Sub- Clause/Clause No.	Sub-Clause/Clause	Remarks
18.2	Health and Safety Obligations	<ul style="list-style-type: none"> risks of the public's potential exposure to operational accidents or natural hazards, including extreme weather events, applicable certification or approval requirements <p>[Refer to ESS4 on requirements for design]</p>
18.3	Protection of the Environment	<p>Indicate any additional requirements for the health and safety manual</p> <p>Specify any values for emissions, surface discharges, effluent and any other pollutants from the Contractor's activities that shall not be exceeded.</p>
19.1	Archeological and Geological Findings	<p>Specify other requirements if any in accordance with the ESF – ESS8</p>
29.1	Security of the Site	<p>State any additional requirements for the security arrangements (ESS4 of the ESF states the principles of proportionality, GIIP and applicable laws. Include any other requirement set out in the ESCP.</p>

In addition to provisions in the above table, the Employer shall specify the following as applicable.

Management and Safety of Hazardous Materials

As applicable, specify requirements for the management and safety of hazardous materials (see ESF - ESS4 para. 17 and 18 and relevant guidance notes).

Resource Efficiency and Pollution Prevention and Management

As applicable specify Resource Efficiency and Pollution Prevention and Management measures (see ESF -ESS3 and relevant guidance notes).

- Resource efficiency**

The Employer shall specify, as applicable, measures for improving efficient consumption of energy, water and raw materials, as well as other resources.

- Energy:** *When the Works have been assessed to involve a potentially significant use of energy, specify any applicable measures to optimize energy usage.*

- **Water:** *When the Works have been assessed to involve a potentially significant use of water or will have potentially significant impacts on water quality, specify any applicable measures that avoid or minimize water usage so that the Works' water use does not have significant adverse impacts on communities, other users and the environment.*
- **Raw material:** *When the Works have been assessed to involve a potentially significant use of raw materials, specify any applicable measures to support efficient use of raw materials.*
- **Pollution prevention and management**
 - **Management of air pollution:** *specify any measure to avoid or minimize Works related air pollution. See also GCC Sub-Clause 18.3 and the table above on Conditions of Contract that make reference to ES matters in the Specification.*
 - **Management of hazardous and nonhazardous wastes:** *specify any applicable measures to minimize the generation of waste, and reuse, recycle and recover waste in a manner that is safe for human health and the environment including storage, transportation and disposal of hazardous wastes. See also GCC Sub-Clauses 18.2 and 18.3 and the table above on Conditions of Contract that make reference to ES matters in the Specification.*
 - **Management of chemicals and hazardous materials:** *specify any applicable measures to minimize and control the release and use of hazardous materials for Works activities including the production, transportation, handling, and storage of the materials. See also GCC Sub-Clauses 18.2 and 18.3 and the table above on Conditions of Contract that make reference to ES matters in the Specification.*
- **Biodiversity Conservation and Sustainable Management of Living Natural Resources**

The Employer shall specify, as applicable, Biodiversity Conservation and Sustainable Management of Living Natural Resources (see ESF - ESS6 and relevant guidance notes). This includes, as applicable:

- *invasive alien species: managing the risk of invasive alien species during the execution of the Works;*
- *sustainable management of living natural resources; and*
- *certification and verification requirements for the supply of natural resource materials where there is a risk of significant conversion or significant degradation of natural or critical habitats.*

See also GCC Sub-Clause 18.3 and the table above on Conditions of Contract that make reference to ES matters in the Specification.

- **Road Safety**

- *State any specific traffic and road safety requirement, as applicable. See also Sub-Clause 9.3 of the General Conditions of Contract. For details, refer to the Guidance Note on Road safety.*

PAYMENT FOR ES REQUIREMENTS

The Employer's ES and procurement specialists should consider how the Contractor will cost the delivery of the ES requirements. In the majority of cases, the payment for the delivery of ES requirements shall be a subsidiary obligation of the Contractor covered under the prices quoted for other Bill of Quantity items or activities. For example, normally the cost of implementing workplace safe systems of work, including the measures necessary for ensuring traffic and road safety, shall be covered by the Bidder's rates for the relevant works. Alternatively, provisional sums could be set aside for discrete activities for example for HIV counselling service, and, GBV/SEA awareness and sensitization or to encourage the contractor to deliver additional ES outcomes beyond the requirement of the Contract.

Drawings

Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section or annexed in a separate folder.

Supplementary Information

PART 3 – Conditions of Contract and Contract Forms

Section VIII - General Conditions of Contract

These General Conditions of Contract (GCC), read in conjunction with the Particular Conditions of Contract (PCC) and other documents listed therein, should be a complete document expressing fairly the rights and obligations of both parties.

These General Conditions of Contract have been developed on the basis of considerable international experience in the drafting and management of contracts, bearing in mind a trend in the construction industry towards simpler, more straightforward language.

The GCC can be used for both smaller admeasurement contracts and lump sum contracts.

General Conditions of Contract

A. General

1. Definitions

1.1 Boldface type is used to identify defined terms.

- (a) The **Accepted Contract Amount** means the amount accepted in the Letter of Acceptance for the execution and completion of the Works and the remedying of any defects.
- (b) The **Activity Schedule** is a schedule of the activities comprising the construction, installation, testing, and commissioning of the Works in a lump-sum contract. It includes a lump-sum price for each activity, which is used for valuations and for assessing the effects of Variations and Compensation Events.
- (c) The **Adjudicator** is the person appointed jointly by the Employer and the Contractor to resolve disputes in the first instance, as provided for in GCC 23.
- (d) **Bank** means the financing institution **named in the PCC**.
- (e) **Bill of Quantities** means the priced and completed Bill of Quantities forming part of the Bid.
- (f) **Compensation Events** are those defined in GCC Clause 46 hereunder.
- (g) The **Completion Date** is the date of completion of the Works as certified by the Project Manager, in accordance with GCC Sub-Clause 57.1.
- (h) The **Contract** is the Contract between the Employer and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in GCC Sub-Clause 2.3 below.
- (i) The **Contractor** is the party whose Bid to carry out the Works has been accepted by the Employer.
- (j) The **Contractor's Bid** is the completed bidding document submitted by the Contractor to the Employer.
- (k) The **Contract Price** is the Accepted Contract Amount stated in the Letter of Acceptance and thereafter as adjusted in accordance with the Contract.
- (l) **Days** are calendar days; months are calendar months.
- (m) **Dayworks** are varied work inputs subject to payment on a time basis for the Contractor's employees and

- Equipment, in addition to payments for associated Materials and Plant.
- (n) A **Defect** is any part of the Works not completed in accordance with the Contract.
 - (o) The **Defects Liability Certificate** is the certificate issued by Project Manager upon correction of defects by the Contractor.
 - (p) The **Defects Liability Period** is the period **named in the PCC** pursuant to GCC Sub-Clause 38.1 and calculated from the Completion Date.
 - (q) **Drawings** means the drawings of the Works, as included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Employer in accordance with the Contract, include calculations and other information provided or approved by the Project Manager for the execution of the Contract.
 - (r) The **Employer** is the party who employs the Contractor to carry out the Works, **as specified in the PCC**.
 - (s) **Equipment** is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
 - (t) "**In writing**" or "**written**" means hand-written, type-written, printed or electronically made, and resulting in a permanent record;
 - (u) The **Initial Contract Price** is the Contract Price listed in the Employer's Letter of Acceptance.
 - (v) The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The **Intended Completion Date** is specified in the PCC. The **Intended Completion Date** may be revised only by the Project Manager by issuing an extension of time or an acceleration order.
 - (w) **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
 - (x) **Plant** is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.
 - (y) The **Project Manager** is the person named in the PCC (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract.

- (z) **PCC** means Particular Conditions of Contract.
- (aa) The **Site** is the area defined as such in the PCC.
- (bb) **Site Investigation Reports** are those that were included in the bidding document and are factual and interpretative reports about the surface and subsurface conditions at the Site.
- (cc) **Specification** means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Manager.
- (dd) The **Start Date** is **given in the PCC**. It is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.
- (ee) A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract, which includes work on the Site.
- (ff) **Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.
- (gg) A **Variation** is an instruction given by the Project Manager which varies the Works.
- (hh) The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the PCC.
- (ii) **“Contractor’s Personnel”** refers to all personnel whom the Contractor utilizes on the Site or other places where the Works are carried out, including the staff, labor and other employees of each Subcontractor.
- (jj) **“Key Personnel”** means the positions (if any) of the Contractor’s personnel that are stated in the Specification.
- (kk) **“ES”** means Environmental and Social (including Sexual Exploitation and Abuse (SEA), and Sexual Harassment (SH)).
- (ll) **“Sexual Exploitation and Abuse” “(SEA)”** means the following:

Sexual Exploitation is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;

Sexual Abuse is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions.

- (mm) **“Sexual Harassment” “(SH)”** is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Contractor’s Personnel with other Contractor’s or Employer’s Personnel; and
- (nn) **“Employer’s Personnel”** refers to the Project Manager and all other staff, labor and other employees (if any) of the Project Manager and of the Employer engaged in fulfilling the Employer’s obligations under the Contract; and any other personnel identified as Employer’s Personnel, by a notice from the Employer or the Project Manager to the Contractor.

2. Interpretation

- 2.1 In interpreting these GCC, words indicating one gender include all genders. Words indicating the singular also include the plural and words indicating the plural also include the singular. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Project Manager shall provide instructions clarifying queries about these GCC.
- 2.2 If sectional completion is **specified in the PCC**, references in the GCC to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).
- 2.3 The documents forming the Contract shall be interpreted in the following order of priority:
 - (a) Agreement,
 - (b) Letter of Acceptance,
 - (c) Contractor’s Bid,
 - (d) Particular Conditions of Contract,
 - (e) General Conditions of Contract, including Appendices,
 - (f) Specifications,
 - (g) Drawings,
 - (h) Bill of Quantities,¹ and

¹ In lump-sum contracts, delete “Bill of Quantities” and replace with “Activity Schedule.”

- (i) any other document **listed in the PCC** as forming part of the Contract.
- 3. Language and Law**
- 3.1 The language of the Contract and the law governing the Contract are **stated in the PCC**.
- 3.2 Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in the Employer's country when
- (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country; or
- (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.
- 4. Project Manager's Decisions**
- 4.1 Except where otherwise specifically stated, the Project Manager shall decide contractual matters between the Employer and the Contractor in the role representing the Employer.
- 5. Delegation**
- 5.1 Unless otherwise **specified in the PCC**, the Project Manager may delegate any of his duties and responsibilities to other people, except to the Adjudicator, after notifying the Contractor, and may revoke any delegation after notifying the Contractor.
- 6. Communications**
- 6.1 Communications between parties that are referred to in the Conditions shall be effective only when in writing. A notice shall be effective only when it is delivered.
- 7. Subcontracting**
- 7.1 The Contractor may subcontract with the approval of the Project Manager, but may not assign the Contract without the approval of the Employer in writing. Subcontracting shall not alter the Contractor's obligations. The Contractor shall require that its Subcontractors execute the Works in accordance with the Contract, including complying with the relevant ES requirements and the obligations set out in Sub-Clause 28.1.
- 7.2 Submission by the Contractor for approval of the Project Manager, addition of any Subcontractor not named in the Contract, shall also include the Subcontractor's declaration in accordance with Appendix C- Sexual exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration.
- 8. Other Contractors**
- 8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer between the dates given in the Schedule of Other Contractors,

as **referred to in the PCC**. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification.

- 8.2 The Contractor shall also, as stated in the Specifications or as instructed by the Project Manager, cooperate with and allow appropriate opportunities for the Employer's or any other personnel, notified to the Contractor by the Employer or Project Manager, to conduct any environmental and social assessment.

9. Personnel and Equipment

- 9.1 The Contractor shall employ the Key Personnel and use the Equipment identified in its Bid, to carry out the Works or other personnel and Equipment approved by the Project Manager. The Project Manager shall approve any proposed replacement of Key Personnel and Equipment only if their relevant qualifications or characteristics are substantially equal to or better than those proposed in the Bid.
- 9.2 The Project Manager may require the Contractor to remove (or cause to be removed) any person employed on the Site or Works, including the Key Personnel (if any), who:
- (a) persists in any misconduct or lack of care;
 - (b) carries out duties incompetently or negligently;
 - (c) fails to comply with any provision of the Contract;
 - (d) persists in any conduct which is prejudicial to safety, health, or the protection of the environment;
 - (e) based on reasonable evidence, is determined to have engaged in Fraud and Corruption during the execution of the Works;
 - (f) has been recruited from the Employer's Personnel;
 - (g) undertakes behavior which breaches the Code of Conduct for Contractor's Personnel (ES).

If appropriate, the Contractor shall then promptly appoint (or cause to be appointed) a suitable replacement with equivalent skills and experience.

Notwithstanding any requirement from the Project Manager to remove or cause to remove any person, the Contractor shall take immediate action as appropriate in response to any violation of (a) through (g) above. Such immediate action shall include removing (or causing to be removed) from the Site or other places where the Works are being carried out, any Contractor's Personnel who engages in (a), (b), (c), (d), (e) or (g) above or has been recruited as stated in (f) above."

- 9.3 The Contractor shall take all necessary safety measures to avoid the occurrence of incidents and injuries to any third party associated with the use of, if any, Equipment on public roads or other public infrastructure. The Contractor shall monitor road safety incidents and accidents to identify negative safety issues, and establish and implement necessary measures to resolve them.
- 9.4 Labor

9.4.1 *Engagement of Staff and Labor.* The Contractor shall provide and employ on the Site for the execution of the Works such skilled, semi-skilled and unskilled labor as is necessary for the proper and timely execution of the Contract. The Contractor is encouraged, to the extent practicable and reasonable, to employ staff and labor with appropriate qualifications and experience from sources within the Country.

Unless otherwise provided in the Contract, the Contractor shall be responsible for the recruitment, transportation, accommodation and welfare facilities in accordance with GCC Sub-Clause 9.4.6, of the Contractor's Personnel, and for all payments in connection therewith.

The Contractor shall provide the Contractor's Personnel information and documentation that are clear and understandable regarding their terms and conditions of employment. The information and documentation shall set out their rights under relevant labor laws applicable to the Contractor's Personnel (which will include any applicable collective agreements), including their rights related to hours of work, wages, overtime, compensation and benefits, as well as those arising from any requirements in the Specifications. The Contractor's Personnel shall be informed when any material changes to their terms or conditions of employment occur.

9.4.2 *Conditions of Labor.* The Contractor shall inform the Contractor's Personnel about:

- (a) any deduction to their payment and the conditions of such deductions in accordance with the applicable laws or as stated in the Specifications; and
- (b) their liability to pay personal income taxes in the Country in respect of such of their salaries, wages, allowances and any benefits as are subject to tax under the laws of the Country for the time being in force.

The Contractor shall perform such duties in regard to such deductions thereof as may be imposed on him by such laws.

Where required by applicable laws or as stated in the Specifications, the Contractor shall provide the Contractor's Personnel written notice of termination of employment and details of severance payments in a timely manner. The Contractor shall have paid the Contractor's Personnel (either directly or where appropriate for their benefit) all due wages and entitlements including, as applicable, social security benefits and pension contributions, on or before the end of their engagement/ employment.

- 9.4.3 The Contractor may bring into the Country any foreign personnel who are necessary for the execution of the Works to the extent allowed by the applicable Laws. The Contractor shall ensure that these personnel are provided with the required residence visas and work permits. The Employer will, if requested by the Contractor, use its best endeavors in a timely and expeditious manner to assist the Contractor in obtaining any local, state, national, or government permission required for bringing in the Contractor's personnel.
- 9.4.4 The Contractor shall at its own expense provide the means of repatriation to and the Contractor's Personnel employed on the Contract at the Site to their various home countries. It shall also provide suitable temporary maintenance of all such persons from the cessation of their employment on the Contract to the date programmed for their departure. In the event that the Contractor defaults in providing such means of transportation and temporary maintenance, the Employer may provide the same to such personnel and recover the cost of doing so from the Contractor.
- 9.4.5 *Disorderly conduct.* The Contractor shall at all times during the progress of the Contract use its best endeavors to prevent any unlawful, riotous or disorderly conduct or behavior by or amongst the Contractor's Personnel.
- 9.4.6 *Facilities for Staff and Labor.* Except as otherwise stated in the Specification, the Contractor shall provide and maintain all necessary accommodation and welfare facilities for the Contractor's Personnel. If stated in the Specification, the Contractor shall give access to or provide services that accommodate the physical, social and cultural needs of the Contractor's Personnel. The Contractor shall also provide similar facilities for the Employer's Personnel if stated in the Specifications.
- 9.4.7 The Contractor shall, in all dealings with the Contractor's Personnel, pay due regard to all recognized festivals, official holidays, religious or other customs and all local laws and regulations pertaining to the employment of labor. The Contractor shall provide the Contractor's Personnel annual holiday and sick, maternity and family leave, as required by applicable laws or as stated in the Specifications.
- 9.4.8 *Supply of Foodstuffs.* The Contractor shall arrange for the provision of a sufficient supply of suitable food as may be stated in the Specification at reasonable prices for the

Contractor's Personnel for the purposes of or in connection with the Contract.

- 9.4.9 *Supply of Water.* The Contractor shall, having regard to local conditions, provide on the Site an adequate supply of drinking and other water for the use of the Contractor's Personnel.
- 9.4.10 *Measures against Insect and Pest Nuisance.* The Contractor shall at all times take the necessary precautions to protect the Contractor's Personnel employed on the Site from insect and pest nuisance, and to reduce the danger to their health. The Contractor shall comply with all the regulations of the local health authorities, including use of appropriate insecticide.
- 9.4.11 *Alcoholic Liquor or Drugs.* The Contractor shall not, otherwise than in accordance with the laws of the Country, import, sell, give, barter or otherwise dispose of any alcoholic liquor or drugs, or permit or allow importation, sale, gift, barter or disposal thereto by Contractor's Personnel.
- 9.4.12 *Arms and Ammunition.* The Contractor shall not give, barter, or otherwise dispose of, to any person, any arms or ammunition of any kind, or allow Contractor's Personnel to do so.
- 9.4.13 *Funeral Arrangements.* The Contractor shall be responsible, to the extent required by local regulations, for making any funeral arrangements for any of its local employees who may die while engaged upon the Works.
- 9.4.14 *Forced Labor.* The Contractor, including its Subcontractors, shall not employ or engage forced labor. Forced labor consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labor, such as indentured labor, bonded labor or similar labor-contracting arrangements.

No persons shall be employed or engaged who have been subject to trafficking. Trafficking in persons is defined as the recruitment, transportation, transfer, harboring or receipt of persons by means of the threat or use of force or other forms of coercion, abduction, fraud, deception, abuse of power, or of a position of vulnerability, or of the giving or receiving of payments or benefits to achieve the consent of a person having control over another person, for the purposes of exploitation.

- 9.4.15 *Child Labor.* The Contractor, including its Subcontractors, shall not employ or engage a child under the age of 14 unless the national law specifies a higher age (the minimum age).

The Contractor, including its Subcontractors, shall not employ or engage a child between the minimum age and the age of 18

in a manner that is likely to be hazardous, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.

The Contractor including its Subcontractors, shall only employ or engage children between the minimum age and the age of 18 after an appropriate risk assessment has been conducted by the Contractor with the Project Manager's approval. The Contractor shall be subject to regular monitoring by the Project Manager that includes monitoring of health, working conditions and hours of work.

Work considered hazardous for children is work that, by its nature or the circumstances in which it is carried out, is likely to jeopardize the health, safety, or morals of children. Such work activities prohibited for children include work:

- (a) with exposure to physical, psychological or sexual abuse;
- (b) underground, underwater, working at heights or in confined spaces;
- (c) with dangerous machinery, equipment or tools, or involving handling or
- (d) transport of heavy loads;
- (e) in unhealthy environments exposing children to hazardous substances, agents, or processes, or to temperatures, noise or vibration damaging to health; or
- (f) under difficult conditions such as work for long hours, during the night or in confinement on the premises of the employer.

9.4.16 *Employment Records of Workers.* The Contractor shall keep complete and accurate records of the employment of labor at the Site. The records shall include the names, ages, genders, hours worked, and wages paid to all workers. These records shall be summarized on a monthly basis and submitted to the project Manager.

9.4.17 *Workers' Organizations.* In countries where the relevant labor laws recognize workers' rights to form and to join workers' organizations of their choosing and to bargain collectively without interference, the Contractor shall comply with such laws. In such circumstances, the role of legally established workers' organizations and legitimate workers' representatives will be respected, and they will be provided with information needed for meaningful negotiation in a timely manner. Where the relevant labor laws substantially restrict workers' organizations, the Contractor shall enable alternative means for

the Contractor's Personnel to express their grievances and protect their rights regarding working conditions and terms of employment. The Contractor shall not seek to influence or control these alternative means. The Contractor shall not discriminate or retaliate against the Contractor's Personnel who participate, or seek to participate, in such organizations and collective bargaining or alternative mechanisms. Workers' organizations are expected to fairly represent the workers in the workforce.

- 9.4.18 *Non-Discrimination and Equal Opportunity.* The Contractor shall not make decisions relating to the employment or treatment of Contractor's Personnel on the basis of personal characteristics unrelated to inherent job requirements. The Contractor shall base the employment of Contractor's Personnel on the principle of equal opportunity and fair treatment, and shall not discriminate with respect to any aspects of the employment relationship, including recruitment and hiring, compensation (including wages and benefits), working conditions and terms of employment, access to training, job assignment, promotion, termination of employment or retirement, and disciplinary practices.

Special measures of protection or assistance to remedy past discrimination or selection for a particular job based on the inherent requirements of the job shall not be deemed discrimination. The Contractor shall provide protection and assistance as necessary to ensure non-discrimination and equal opportunity, including for specific groups such as women, people with disabilities, migrant workers and children (of working age in accordance with GCC Sub-Clause 9.4.15).

- 9.4.19 *Contractor's Personnel Grievance Mechanism.* The Contractor shall have a grievance mechanism for Contractor's Personnel, and where relevant the workers' organizations stated in GCC Sub-Clause 9.4.17, to raise workplace concerns. The grievance mechanism shall be proportionate to the nature, scale, risks and impacts of the Contract. The mechanism shall address concerns promptly, using an understandable and transparent process that provides timely feedback to those concerned in a language they understand, without any retribution, and shall operate in an independent and objective manner.

The Contractor's Personnel shall be informed of the grievance mechanism at the time of engagement for the Contract, and the measures put in place to protect them against any reprisal for

its use. Measures will be put in place to make the grievance mechanism easily accessible to all Contractor's Personnel.

The grievance mechanism shall not impede access to other judicial or administrative remedies that might be available, or substitute for grievance mechanisms provided through collective agreements.

The grievance mechanism may utilize existing grievance mechanisms, providing that they are properly designed and implemented, address concerns promptly, and are readily accessible to Contractor's Personnel. Existing grievance mechanisms may be supplemented as needed with Contract-specific arrangements.

9.4.20 *Training of Contractor's Personnel.* The Contractor shall provide appropriate training to relevant Contractor's Personnel on ES aspects of the Contract, including appropriate sensitization on prohibition of SEA and SH, and health and safety training referred to in GCC Sub-Clause 18.2.

As stated in the Specifications or as instructed by the Project Manager, the Contractor shall also allow appropriate opportunities for the relevant Contractor's Personnel to be trained on ES aspects of the Contract by the Employer's Personnel.

The Contractor shall provide training on SEA and SH, including its prevention, to any of its personnel who has a role to supervise other Contractor's Personnel.

10. Employer's and Contractor's Risks

10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Employer's Risks

11.1 From the Start Date until the Defects Liability Certificate has been issued, the following are Employer's risks:

- (a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to
 - (i) use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works or
 - (ii) negligence, breach of statutory duty, or interference with any legal right by the Employer or by any person employed by or contracted to him except the Contractor.

- (b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Employer or in the Employer's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.

11.2 From the Completion Date until the Defects Liability Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is an Employer's risk except loss or damage due to

- (a) a Defect which existed on the Completion Date,
- (b) an event occurring before the Completion Date, which was not itself an Employer's risk, or
- (c) the activities of the Contractor on the Site after the Completion Date.

12. Contractor's Risks

12.1 From the Starting Date until the Defects Liability Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Employer's risks are Contractor's risks.

13. Insurance

13.1 The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles **stated in the PCC** for the following events which are due to the Contractor's risks:

- (a) loss of or damage to the Works, Plant, and Materials;
- (b) loss of or damage to Equipment;
- (c) loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract; and
- (d) personal injury or death.

13.2 Policies and certificates for insurance shall be delivered by the Contractor to the Project Manager for the Project Manager's approval before the Start Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.

13.3 If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due

to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.

13.4 Alterations to the terms of an insurance shall not be made without the approval of the Project Manager.

13.5 Both parties shall comply with any conditions of the insurance policies.

14. Site Data

14.1 The Contractor shall be deemed to have examined any Site Data **referred to in the PCC**, supplemented by any information available to the Contractor.

15. Contractor to Construct the Works

15.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings.

15.2 If the Contract specifies that the Contractor shall design any part of the permanent Works, the Contractor shall take into account the Employer's requirements which may include, if stated in the Specifications:

- (a) designing structural elements of the Works taking into account climate change considerations;
- (b) applying the concept of universal access (the concept of universal access means unimpeded access for people of all ages and abilities in different situations and under various circumstances; and
- (c) considering the incremental risks of the public's potential exposure to operational accidents or natural hazards, including extreme weather events.

15.3 The Contractor shall not post and shall ensure that its Subcontractors/suppliers/manufacturers and Contractors' Personnel shall not post, any signage on the Site, or in any other place where the Works will be carried out, except such signage as is required under the Contract, including by the Laws of the Country, or has been approved by the Employer. For the purposes of this sub-clause, signage shall include, inter alia, flags, billboards, advertising materials and any other similar item separately posted on the Site.

16. The Works to Be Completed by the Intended Completion Date

16.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date.

16.2 The Contractor shall not carry out mobilization to the Site unless the Project Manager gives approval, an approval that shall not be

unreasonably delayed, to the measures the Contractor proposes to address environmental and social risks and impacts, which at a minimum shall include applying the Management Strategies and Implementation Plans (MSIPs) and Code of Conduct for Contractor's Personnel submitted as part of the Bid and agreed as part of the Contract.

The Contractor shall submit, to the Project Manager for its approval any additional MSIPs as are necessary to manage the ES risks and impacts of ongoing Works. These MSIPs collectively comprise the Contractor's Environmental and Social Management Plan (C-ESMP). The Contractor shall review the C-ESMP, periodically (but not less than every six (6) months), and update it as required to ensure that it contains measures appropriate to the Works. The updated C-ESMP shall be submitted to the Project Manager for its approval.

- 17. Approval by the Project Manager**
- 17.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, for his approval.
- 17.2 The Contractor shall be responsible for design of Temporary Works.
- 17.3 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.
- 17.4 The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.
- 17.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Project Manager before this use.
- 18. Health, Safety and Protection of the Environment**
- 18.1 The Contractor shall be responsible for the safety of all activities on the Site.
- 18.2 The Contractor shall:
- (a) comply with all applicable health and safety regulations and Laws;
 - (b) comply with all applicable health and safety obligations specified in the Contract;
 - (c) take care for the health and safety of all persons entitled to be on the Site and other places, if any, where the Works are being executed;
 - (d) keep the Site and Works clear of unnecessary obstruction so as to avoid danger to these persons;

- (e) provide fencing, lighting, safe access, guarding and watching of the Works until the issue of the Contract Completion Certificate;
- (f) provide any Temporary Works (including roadways, footways, guards and fences) which may be necessary, because of the execution of the Works, for the use and protection of the public and of owners and occupiers of adjacent land;
- (g) provide health and safety training of Contractor's Personnel as appropriate and maintain training records;
- (h) actively engage the Contractor's Personnel in promoting understanding, and methods for, implementation of health and safety requirements, as well as in providing information to Contractor's Personnel, training on occupational safety and health, and provision of personal protective equipment without expense to the Contractor's Personnel;
- (i) put in place workplace processes for Contractor's Personnel to report work situations that they believe are not safe or healthy, and to remove themselves from a work situation which they have reasonable justification to believe presents an imminent and serious danger to their life or health.
- (j) Contractor's Personnel who remove themselves from such work situations shall not be required to return to work until necessary remedial action to correct the situation has been taken. Contractor's Personnel shall not be retaliated against or otherwise subject to reprisal or negative action for such reporting or removal;
- (k) where the Employer's Personnel, any other contractors employed by the Employer, and/or personnel of any legally constituted public authorities and private utility companies are employed in carrying out, on or near the site, of any work not included in the Contract, collaborate in applying the health and safety requirements, without prejudice to the responsibility of the relevant entities for the health and safety of their own personnel; and
- (l) establish and implement a system for regular (not less than six-monthly) review of health and safety performance and the working environment.

Subject to GCC Sub-Clause 16.2, the Contractor shall submit to the Project Manager for its approval a health and safety manual which has been specifically prepared for the Works, the Site and

other places (if any) where the Contractor intends to execute the Works.

The health and safety manual shall be in addition to any other similar document required under applicable health and safety regulations and laws.

The health and safety manual shall set out all the health and safety requirements under the Contract,

(a) which shall include at a minimum:

- (i) the procedures to establish and maintain a safe working environment without risk to health at all workplaces, machinery, equipment and processes under the control of the Contractor, including control measures for chemical, physical and biological substances and agents;
- (ii) details of the training to be provided, records to be kept;
- (iii) the procedures for prevention, preparedness and response activities to be implemented in the case of an emergency event (i.e. an unanticipated incident, arising from both natural and man-made hazards, typically in the form of fire, explosions, leaks or spills, which may occur for a variety of different reasons including failure to implement operating procedures that are designed to prevent their occurrence, extreme weather or lack of early warning);
- (iv) remedies for adverse impacts such as occupational injuries, deaths, disability and disease;
- (v) the measures to be taken to avoid or minimize the potential for community exposure to water-borne, water-based, water-related, and vector-borne diseases,
- (vi) the measures to be implemented to avoid or minimize the spread of communicable diseases (including transfer of Sexually Transmitted Diseases or Infections (STDs), such as HIV virus) and non-communicable diseases associated with the execution of the Works, taking into consideration differentiated exposure to and higher sensitivity of vulnerable groups. This includes taking measures to avoid or minimize the transmission of communicable diseases

that may be associated with the influx of temporary or permanent Contract-related labor;

- (vii) the policies and procedures on the management and quality of accommodation and welfare facilities if such accommodation and welfare facilities are provided by the Contractor in accordance with GCC Sub-Clause 9.4.6; and

- (b) any other requirements stated in the Specification.

18.3 Protection of the environment

The Contractor shall take all necessary measures to:

- 18.3.1 protect the environment (both on and off the Site); and

- 18.3.2 limit damage and nuisance to people and property resulting from pollution, noise and other results of the Contractor's operations and/ or activities.

The Contractor shall ensure that emissions, surface discharges, effluent and any other pollutants from the Contractor's activities shall exceed neither the values indicated in the Specifications, nor those prescribed by applicable laws.

In the event of damage to the environment, property and/or nuisance to people, on or off Site as a result of the Contractor's operations, the Contractor shall agree with the Project Manager the appropriate actions and time scale to remedy, as practicable, the damaged environment to its former condition. The Contractor shall implement such remedies at its cost to the satisfaction of the Project Manager.

19. Archaeological and Geological Findings

- 19.1 All fossils, coins, articles of value or antiquity, structures, groups of structures, and other remains or items of geological, archaeological, paleontological, historical, architectural or religious interest found on the Site shall be placed under the care and custody of the Employer. The Contractor shall:

- (a) take all reasonable precautions, including fencing-off the area or site of the finding, to avoid further disturbance and prevent Contractor's Personnel or other persons from removing or damaging any of these findings;
- (b) train relevant Contractor's Personnel on appropriate actions to be taken in the event of such findings; and
- (c) implement any other action consistent with the requirements of the Specifications and relevant laws.

The Contractor shall, as soon as practicable after discovery of any such finding, notify the Project Manager of such discoveries and carry out the Project Manager's instructions for dealing with them.

- 20. Possession of the Site**
- 20.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date **stated in the PCC**, the Employer shall be deemed to have delayed the start of the relevant activities, and this shall be a Compensation Event.
- 21. Access to the Site**
- 21.1 The Contractor shall allow the Project Manager and any person authorized by the Project Manager (including the Bank staff or consultants acting on the Bank's behalf, stakeholders and third parties, such as independent experts, local communities, or non-governmental organizations), including to carry out environmental and social audit, as appropriate, access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.
- 22. Instructions, Inspections and Audits**
- 22.1 The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located.
- 22.2 The Contractor shall keep, and shall make all reasonable efforts to cause its Subcontractors and subconsultants to keep, accurate and systematic accounts and records in respect of the Works in such form and details as will clearly identify relevant time changes and costs.
- 22.3 Inspections & Audit by the Bank
- Pursuant to paragraph 2.2 e. of Appendix A to the GCC- Fraud and Corruption, the Contractor shall permit and shall cause its agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit, the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have such accounts, records and other documents audited by auditors appointed by the Bank. The Contractor's and its Subcontractors' and subconsultants' attention is drawn to GCC Sub-Clause 25.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a

determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

23. Appointment of the Adjudicator

- 23.1 The Adjudicator shall be appointed jointly by the Employer and the Contractor, at the time of the Employer's issuance of the Letter of Acceptance. If, in the Letter of Acceptance, the Employer does not agree on the appointment of the Adjudicator, the Employer will request the Appointing Authority **designated in the PCC**, to appoint the Adjudicator within 14 days of receipt of such request.
- 23.2 Should the Adjudicator resign or die, or should the Employer and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator shall be jointly appointed by the Employer and the Contractor. In case of disagreement between the Employer and the Contractor, within 30 days, the Adjudicator shall be designated by the Appointing Authority **designated in the PCC** at the request of either party, within 14 days of receipt of such request.

24. Procedure for Disputes

- 24.1 If the Contractor believes that a decision taken by the Project Manager was either outside the authority given to the Project Manager by the Contract or that the decision was wrongly taken, the decision shall be referred to the Adjudicator within 14 days of the notification of the Project Manager's decision.
- 24.2 The Adjudicator shall give a decision in writing within 28 days of receipt of a notification of a dispute.
- 24.3 The Adjudicator shall be paid by the hour at the **rate specified in the PCC**, together with reimbursable expenses of the types **specified in the PCC**, and the cost shall be divided equally between the Employer and the Contractor, whatever decision is reached by the Adjudicator. Either party may refer a decision of the Adjudicator to an Arbitrator within 28 days of the Adjudicator's written decision. If neither party refers the dispute to arbitration within the above 28 days, the Adjudicator's decision shall be final and binding.
- 24.4 The arbitration shall be conducted in accordance with the arbitration procedures published by the institution named and in the place **specified in the PCC**.

25. Fraud and Corruption

- 25.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Appendix A to the GCC.

25.2 The Employer requires the Contractor to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

26. Stakeholder Engagement

26.1 The Contractor shall provide relevant contract-related information, as the Employer and/or Project Manager may reasonably request to conduct Stakeholder engagements. “Stakeholder” refers to individuals or groups who:

- (i) are affected or likely to be affected by the Contract; and
- (ii) may have an interest in the Contract.

The Contractor may also directly participate in Stakeholder engagements, as the Employer and/or Project Manager may reasonably request

27. Suppliers (other than Subcontractors)

27.1 *Forced Labor:* The Contractor shall take measures to require its suppliers (other than Subcontractors) not to employ or engage forced labor including trafficked persons as described in GCC Sub-Clause 9.4.14. If forced labor/trafficking cases are identified, the Contractor shall take measures to require the suppliers to take appropriate steps to remedy them. Where the supplier does not remedy the situation, the Contractor shall within a reasonable period substitute the supplier with a supplier that is able to manage such risks.

27.2 *Child Labor:* The Contractor shall take measures to require its suppliers (other than Subcontractors) not to employ or engage child labor as described in GCC Sub-Clause 9.4.15. If child labor cases are identified, the Contractor shall take measures to require the suppliers to take appropriate steps to remedy them. Where the supplier does not remedy the situation, the Contractor shall within a reasonable period substitute the supplier with a supplier that is able to manage such risks.

27.3 *Serious Safety Issues:* The Contractor, including its Subcontractors, shall comply with all applicable safety obligations, including as stated in GCC Sub-Clause 18.2. The Contractor shall also take measures to require its suppliers (other than Subcontractors) to adopt procedures and mitigation measures adequate to address safety issues related to their personnel. If serious safety issues are identified, the Contractor shall take measures to require the suppliers to take appropriate steps to remedy them. Where the supplier does not remedy the situation, the Contractor shall within a reasonable period

substitute the supplier with a supplier that is able to manage such risks.

- 27.4 *Obtaining natural resource materials in relation to supplier:* The Contractor shall obtain natural resource *materials* from suppliers that can demonstrate, through compliance with the applicable verification and/ or certification requirements, that obtaining such materials is not contributing to the risk of significant conversion or significant degradation of natural or critical habitats such as unsustainably harvested wood products, gravel or sand extraction from river beds or beaches.

If a supplier cannot continue to demonstrate that obtaining such materials is not contributing to the risk of significant conversion or significant degradation of natural or critical habitats, the Contractor shall within a reasonable period substitute the supplier with a supplier that is able to demonstrate that they are not significantly adversely impacting the habitats.

28. Code of Conduct

- 28.1 The Contractor shall have a Code of Conduct for the Contractor's Personnel.

The Contractor shall take all necessary measures to ensure that each Contractor's Personnel is made aware of the Code of Conduct including specific behaviors that are prohibited, and understands the consequences of engaging in such prohibited behaviors.

These measures include providing instructions and documentation that can be understood by the Contractor's Personnel and seeking to obtain that person's signature acknowledging receipt of such instructions and/or documentation, as appropriate.

The Contractor shall also ensure that the Code of Conduct is visibly displayed in multiple locations on the Site and any other place where the Works will be carried out, as well as in areas outside the Site accessible to the local community and project affected people. The posted Code of Conduct shall be provided in languages comprehensible to Contractor's Personnel, Employer's Personnel and the local community.

The Contractor's Management Strategy and Implementation Plans shall include appropriate processes for the Contractor to verify compliance with these obligations.

29. Security of the Site

- 29.1 The Contractor shall be responsible for the security of the Site, and:
- (a) for keeping unauthorized persons off the Site;

- (b) authorized persons shall be limited to the Contractor's Personnel, the Employer's Personnel, and to any other personnel identified as authorized personnel (including the Employer's other contractors on the Site), by a notice from the Employer or the Project Manager to the Contractor.

Subject to GCC Sub-Clause 16.2, the Contractor shall submit for the Project Manager's No-objection a security management plan that sets out the security arrangements for the Site

The Contractor shall (i) conduct appropriate background checks on any personnel retained to provide security; (ii) train the security personnel adequately (or determine that they are properly trained) in the use of force (and where applicable, firearms), and appropriate conduct towards Contractor's Personnel, Employer's Personnel and affected communities; and (iii) require the security personnel to act within the applicable Laws and any requirements set out in the Specifications.

The Contractor shall not permit any use of force by security personnel in providing security except when used for preventive and defensive purposes in proportion to the nature and extent of the threat.

In making security arrangements, the Contractor shall also comply with any additional requirements stated in the Specification."

B. Time Control

30. Program and Progress Reports

- 30.1 Within the time **stated in the PCC**, after the date of the Letter of Acceptance, the Contractor shall submit to the Project Manager for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works. In the case of a lump-sum contract, the activities in the Program shall be consistent with those in the Activity Schedule. The Project Manager's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Project Manager again at any time. A revised Program shall show the effect of Variations and Compensation Events.
- 30.2 An update of the Program shall be a program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.
- 30.3 The Contractor shall monitor progress of the Works and submit to the Project manager progress report and any updated Program

showing the actual progress achieved and the effect of the progress achieved on the timing of the remaining Works, including any changes to the sequence of the activities, at intervals no longer than the period **stated in the PCC**. If the Contractor does not submit an updated Program within this period, the Project Manager may withhold the amount **stated in the PCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program has been submitted. In the case of lump-sum Contract, the Contractor shall provide an updated Activity Schedule within 14 days of being instructed to by the Project Manager.

- 30.4 Unless otherwise stated in the Specifications, each progress report shall include the Environmental and Social (ES) metrics set out in Appendix B. If **stated in the PCC**, progress report shall include status of compliance to cyber security risks management, and any foreseeable cyber security risk and mitigation.
- 30.5 In addition to the progress reports, the Contractor shall inform the Project Manager immediately of any allegation, incident or accident in the Site, which has or is likely to have a significant adverse effect on the environment, the affected communities, the public, Employer's Personnel, Project Manager's personnel or Contractor's Personnel. This includes, but is not limited to, any incident or accident causing fatality or serious injury; significant adverse effects or damage to private property; any cyber security incidents **as specified in the PCC**; or any allegation of SEA and/or SH. In case of SEA and/or SH, while maintaining confidentiality as appropriate, the type of allegation (sexual exploitation, sexual abuse or sexual harassment), gender and age of the person who experienced the alleged incident should be included in the information.

The Contractor, upon becoming aware of the allegation, incident or accident, shall also immediately inform the Project Manager of any such incident or accident on the Subcontractors' or suppliers' premises relating to the Works which has or is likely to have a significant adverse effect on the environment, the affected communities, the public, Employer's Personnel, or Contractor's, its Subcontractors' and suppliers' personnel. The notification shall provide sufficient detail regarding such incidents or accidents. The Contractor shall provide full details of such incidents or accidents to the Project Manager within the timeframe agreed with the Project Manager.

The Contractor shall require its Subcontractors and suppliers (other than Subcontractors) to immediately notify the Contractor of any incidents or accidents referred to in this Sub-clause.

- 31. Extension of the Intended Completion Date**
- 31.1 The Project Manager shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost.
- 31.2 The Project Manager shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Manager for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.
- 32. Acceleration**
- 32.1 When the Employer wants the Contractor to finish before the Intended Completion Date, the Project Manager shall obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Employer accepts these proposals, the Intended Completion Date shall be adjusted accordingly and confirmed by both the Employer and the Contractor.
- 32.2 If the Contractor's priced proposals for an acceleration are accepted by the Employer, they are incorporated in the Contract Price and treated as a Variation.
- 33. Delays Ordered by the Project Manager**
- 33.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.
- 34. Management Meetings**
- 34.1 Either the Project Manager or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.
- 34.2 The Project Manager shall record the business of management meetings and provide copies of the record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

- 35. Early Warning** 35.1 The Contractor shall warn the Project Manager at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price, or delay the execution of the Works. The Project Manager may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.
- 35.2 The Contractor shall cooperate with the Project Manager in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Project Manager.

C. Quality Control

- 36. Identifying Defects** 36.1 The Project Manager shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Project Manager may instruct the Contractor to search for a Defect and to uncover and test any work that the Project Manager considers may have a Defect.
- 37. Tests** 37.1 If the Project Manager instructs the Contractor to carry out a test not specified in the Specifications to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event.
- 38. Correction of Defects** 38.1 The Project Manager shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion, and is **defined in the PCC**. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.
- 38.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Project Manager's notice.
- 39. Uncorrected Defects** 39.1 If the Contractor has not corrected a Defect within the time specified in the Project Manager's notice, the Project Manager shall assess the cost of having the Defect corrected, and the Contractor shall pay this amount.

D. Cost Control

- 40. Contract Price²** 40.1 The Bill of Quantities shall contain priced items for the Works to be performed by the Contractor. The Bill of Quantities is used to calculate the Contract Price. The Contractor will be paid for the quantity of the work accomplished at the rate in the Bill of Quantities for each item.
- 41. Changes in the Contract Price³** 41.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Project Manager shall adjust the rate to allow for the change. The Project Manager shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Employer.
- 41.2 If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bill of Quantities.
- 42. Variations** 42.1 All Variations shall be included in updated Programs⁴ produced by the Contractor.
- 42.2 The Contractor shall provide the Project Manager with a quotation for carrying out the Variation when requested to do so by the Project Manager. The Contractor shall also provide information of any ES risks and impacts of the Variation, and any additional documents **specified in the PCC**. The Project Manager shall assess the quotation, which shall be given within seven (7) days of the request or within any longer period stated by the Project Manager and before the Variation is ordered.
- 42.3 If the Contractor's quotation is unreasonable, the Project Manager may order the Variation and make a change to the Contract Price, which shall be based on the Project Manager's

² In lump-sum contracts, replace GCC Sub-Clauses 40.1 as follows:

40.1 The Contractor shall provide updated Activity Schedules within 14 days of being instructed to by the Project Manager. The Activity Schedule shall contain the priced activities for the Works to be performed by the Contractor. The Activity Schedule is used to monitor and control the performance of activities on which basis the Contractor will be paid. If payment for materials on site shall be made separately, the Contractor shall show delivery of Materials to the Site separately on the Activity Schedule.

³ In lump-sum contracts, replace entire GCC Clause 41 with new GCC Sub-Clause 41.1, as follows:

41.1 The Activity Schedule shall be amended by the Contractor to accommodate changes of Program or method of working made at the Contractor's own discretion. Prices in the Activity Schedule shall not be altered when the Contractor makes such changes to the Activity Schedule.

⁴ In lump-sum contracts, add "and Activity Schedules" after "Programs."

own forecast of the effects of the Variation on the Contractor's costs.

- 42.4 If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.
- 42.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.
- 42.6 If the work in the Variation corresponds to an item description in the Bill of Quantities and if, in the opinion of the Project Manager, the quantity of work above the limit stated in GCC Sub-Clause 41.1 or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work.⁵
- 42.7 Value Engineering: The Contractor may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;
- (a) the proposed change(s), and a description of the difference to the existing contract requirements;
 - (b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle cost) the Employer may incur in implementing the value engineering proposal;
 - (c) a description of any effect(s) of the change on performance/functionality; and
 - (d) a description of the proposed work to be performed, a program for its execution and sufficient ES information to enable an evaluation of ES risks and impacts.

The Employer may accept the value engineering proposal if the proposal demonstrates benefits that:

- (a) accelerates the contract completion period; or
- (b) reduces the Contract Price or the life cycle costs to the Employer; or

⁵ In lump-sum contracts, delete this paragraph.

- (c) improves the quality, efficiency, safety or sustainability of the Facilities; or
 - (d) yields any other benefits to the Employer,
- without compromising the functionality of the Works.

If the value engineering proposal is approved by the Employer and results in:

- (a) a reduction of the Contract Price; the amount to be paid to the Contractor shall be the **percentage specified in the PCC** of the reduction in the Contract Price; or
- (b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Contractor shall be the full increase in the Contract Price.

43. Cash Flow Forecasts

43.1 When the Program,⁶ is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.

44. Payment Certificates

44.1 The Contractor shall submit to the Project Manager monthly statements of the estimated value of the work executed less the cumulative amount certified previously.

44.2 The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.

44.3 The value of work executed shall be determined by the Project Manager.

44.4 The value of work executed shall comprise the value of the quantities of work in the Bill of Quantities that have been completed.⁷

44.5 The value of work executed shall include the valuation of Variations and Compensation Events.

44.6 The Project Manager may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

44.7 If the Contractor was, or is, failing to perform any ES obligations or work under the Contract, the value of this work

⁶ In lump-sum contracts, add "or Activity Schedule" after "Program."

⁷ In lump-sum contracts, replace this paragraph with the following: "The value of work executed shall comprise the value of completed activities in the Activity Schedule."

or obligation, as determined by the Project Manager, may be withheld until the work or obligation has been performed, and/or the cost of rectification or replacement, as determined by the Project Manager, may be withheld until rectification or replacement has been completed. Failure to perform includes, but is not limited to the following:

- (a) failure to comply with any ES obligations or work described in the Works' Requirements which may include: working outside site boundaries, excessive dust, failure to keep public roads in a safe usable condition, damage to offsite vegetation, pollution of water courses from oils or sedimentation, contamination of land e.g. from oils, human waste, damage to archeology or cultural heritage features, air pollution as a result of unauthorized and/or inefficient combustion;
- (b) failure to regularly review C-ESMP and/or update it in a timely manner to address emerging ES issues, or anticipated risks or impacts;
- (c) failure to implement the C-ESMP e.g. failure to provide required training or sensitization;
- (d) failing to have appropriate consents/permits prior to undertaking Works or related activities;
- (e) failure to submit ES report/s (as described in Appendix B), or failure to submit such reports in a timely manner;
- (f) failure to implement remediation as instructed by the Project Manager within the specified timeframe (e.g. remediation addressing non-compliance/s).

44.8 **As specified in the PCC**, if the Contractor fails to perform its cyber security obligations under the Contract, an assessed amount, as determined by the Project Manager, may be withheld until the obligation has been performed.

45. Payments

45.1 Payments shall be adjusted for deductions for advance payments and retention. The Employer shall pay the Contractor the amounts certified by the Project Manager within 28 days of the date of each certificate. If the Employer makes a late payment, the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the prevailing rate of interest for commercial borrowing for each of the currencies in which payments are made.

- 45.2 If an amount certified is increased in a later certificate or as a result of an award by the Adjudicator or an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of dispute.
- 45.3 Unless otherwise stated, all payments and deductions shall be paid or charged in the proportions of currencies comprising the Contract Price.
- 45.4 Items of the Works for which no rate or price has been entered in shall not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

46. Compensation Events

- 46.1 The following shall be Compensation Events:
- (a) The Employer does not give access to a part of the Site by the Site Possession Date pursuant to GCC Sub-Clause 20.1.
 - (b) The Employer modifies the Schedule of Other Contractors in a way that affects the work of the Contractor under the Contract.
 - (c) The Project Manager orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time.
 - (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.
 - (e) The Project Manager unreasonably does not approve a subcontract to be let.
 - (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to bidders (including the Site Investigation Reports), from information available publicly and from a visual inspection of the Site.
 - (g) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
 - (h) Other contractors, public authorities, utilities, or the Employer does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.

- (i) The advance payment is delayed.
- (j) The effects on the Contractor of any of the Employer's Risks.
- (k) The Project Manager unreasonably delays issuing a Certificate of Completion.

46.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Project Manager shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

46.3 As soon as information demonstrating the effect of each Compensation Event upon the Contractor's forecast cost has been provided by the Contractor, it shall be assessed by the Project Manager, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Manager shall adjust the Contract Price based on the Project Manager's own forecast. The Project Manager shall assume that the Contractor shall react competently and promptly to the event.

46.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor's not having given early warning or not having cooperated with the Project Manager.

47. Tax

47.1 The Project Manager shall adjust the Contract Price if taxes, duties, and other levies are changed between the date 28 days before the submission of bids for the Contract and the date of the last Completion certificate. The adjustment shall be the change in the amount of tax payable by the Contractor, provided such changes are not already reflected in the Contract Price or are a result of GCC Clause 49.

48. Currencies

48.1 Where payments are made in currencies other than the currency of the Employer's country **specified in the PCC**, the exchange rates used for calculating the amounts to be paid shall be the exchange rates stated in the Contractor's Bid.

49. Price Adjustment

49.1 Prices shall be adjusted for fluctuations in the cost of inputs only if **provided for in the PCC**. If so provided, the amounts certified in each payment certificate, before deducting for Advance Payment, shall be adjusted by applying the respective price adjustment factor to the payment amounts due in each

currency. A separate formula of the type specified below applies to each Contract currency:

$$P_c = A_c + B_c \text{ Imc/Ioc}$$

where:

P_c is the adjustment factor for the portion of the Contract Price payable in a specific currency “c.”

A_c and B_c are coefficients⁸ **specified in the PCC**, representing the nonadjustable and adjustable portions, respectively, of the Contract Price payable in that specific currency “c;” and

Imc is the index prevailing at the end of the month being invoiced and Ioc is the index prevailing 28 days before Bid opening for inputs payable; both in the specific currency “c.”

- 49.2 If the value of the index is changed after it has been used in a calculation, the calculation shall be corrected and an adjustment made in the next payment certificate. The index value shall be deemed to take account of all changes in cost due to fluctuations in costs.

50. Retention

- 50.1 The Employer shall retain from each payment due to the Contractor the proportion **stated in the PCC** until Completion of the whole of the Works.
- 50.2 Upon the issue of a Certificate of Completion of the Works by the Project Manager, in accordance with GCC Sub-Clause 57.1, half the total amount retained shall be repaid to the Contractor and half when the Defects Liability Period has passed and the Project Manager has certified that all Defects notified by the Project Manager to the Contractor before the end of this period have been corrected. The Contractor may substitute retention money with an “on demand” Bank guarantee.

51. Liquidated Damages

- 51.1 The Contractor shall pay liquidated damages to the Employer at the rate per day **stated in the PCC** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount **defined in the PCC**. The Employer may deduct liquidated damages from payments due to the Contractor.

⁸ The sum of the two coefficients A_c and B_c should be 1 (one) in the formula for each currency. Normally, both coefficients shall be the same in the formulae for all currencies, since coefficient A, for the nonadjustable portion of the payments, is a very approximate figure (usually 0.15) to take account of fixed cost elements or other nonadjustable components. The sum of the adjustments for each currency are added to the Contract Price.

Payment of liquidated damages shall not affect the Contractor's liabilities.

51.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in GCC Sub-Clause 45.1.

52. Bonus

52.1 The Contractor shall be paid a Bonus calculated at the rate per calendar day **stated in the PCC** for each day (less any days for which the Contractor is paid for acceleration) that the Completion is earlier than the Intended Completion Date. The Project Manager shall certify that the Works are complete, although they may not be due to be complete.

53. Advance Payment

53.1 The Employer shall make advance payment to the Contractor of the amounts **stated in the PCC** by the date **stated in the PCC**, against provision by the Contractor of an Unconditional Bank Guarantee in a form and by a bank acceptable to the Employer in amounts and currencies equal to the advance payment. The Guarantee shall remain effective until the advance payment has been repaid, but the amount of the Guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest shall not be charged on the advance payment.

53.2 The Contractor is to use the advance payment only to pay for Equipment, Plant, Materials, and mobilization expenses required specifically for execution of the Contract. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Project Manager.

53.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.

54. Securities

54.1 The Performance Security, and if so **specified in the PCC** an environmental and social (ES) performance security, shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount **specified in the PCC**, by a bank or surety acceptable to the Employer, and denominated in the types and proportions of the currencies in

which the Contract Price is payable. The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee, and until one year from the date of issue of the Certificate of Completion in the case of a Performance Bond.

- 55. Dayworks**
- 55.1 If applicable, the Dayworks rates in the Contractor's Bid shall be used only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.
- 55.2 All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within two days of the work being done.
- 55.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

- 56. Cost of Repairs**
- 56.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Finishing the Contract

- 57. Completion**
- 57.1 The Contractor shall request the Project Manager to issue a Certificate of Completion of the Works, and the Project Manager shall do so upon deciding that the whole of the Works is completed.
- 58. Taking Over**
- 58.1 The Employer shall take over the Site and the Works within seven days of the Project Manager's issuing a certificate of Completion.
- 59. Final Account**
- 59.1 The Contractor shall supply the Project Manager with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Project Manager shall issue a Defects Liability Certificate and certify any final payment that is due to the Contractor within 56 days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 56 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Project Manager shall decide on the

amount payable to the Contractor and issue a payment certificate.

60. Operating and Maintenance Manuals

60.1 If “as built” Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates **stated in the PCC**.

60.2 If the Contractor does not supply the Drawings and/or manuals by the dates **stated in the PCC** pursuant to GCC Sub-Clause 60.1, or they do not receive the Project Manager’s approval, the Project Manager shall withhold the amount **stated in the PCC** from payments due to the Contractor.

61. Termination

61.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.

61.2 Fundamental breaches of Contract shall include, but shall not be limited to, the following:

- (a) the Contractor stops work for 28 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Project Manager;
- (b) the Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within 28 days;
- (c) the Employer or the Contractor is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (d) a payment certified by the Project Manager is not paid by the Employer to the Contractor within 84 days of the date of the Project Manager’s certificate;
- (e) the Project Manager gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Project Manager;
- (f) the Contractor does not maintain a Security, which is required;
- (g) the Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as **defined in the PCC**; or
- (h) if the Contractor, in the judgment of the Employer has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix A to the GCC, in

competing for or in executing the Contract, then the Employer may, after giving fourteen (14) days written notice to the Contractor, terminate the Contract and expel him from the Site.

61.3 Notwithstanding the above, the Employer may terminate the Contract for convenience.

61.4 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

61.5 When either party to the Contract gives notice of a breach of Contract to the Project Manager for a cause other than those listed under GCC Sub-Clause 61.2 above, the Project Manager shall decide whether the breach is fundamental or not.

62. Payment upon Termination

62.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as **specified in the PCC**. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer.

62.2 If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Project Manager shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.

63. Property

63.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Employer if the Contract is terminated because of the Contractor's default.

64. Release from Performance

64.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer or the Contractor, the Project Manager shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before

receiving it and for any work carried out afterwards to which a commitment was made.

<p>65. Suspension of Bank Loan or Credit</p>	<p>65.1 In the event that the Bank suspends the Loan or Credit to the Employer, from which part of the payments to the Contractor are being made:</p> <ul style="list-style-type: none"> (a) The Employer is obligated to notify the Contractor of such suspension within 7 days of having received the Bank's suspension notice. (b) If the Contractor has not received sums due to it within the 28 days for payment provided for in GCC Sub-Clause 45.1, the Contractor may immediately issue a 14-day termination notice.
<p>66. Cyber Security</p>	<p>66.1 Pursuant to the PCC, the Contractor, including its Subcontractors/ suppliers/ manufacturers shall take all technical and organizational measures necessary to protect the information technology systems and data used in connection with the Contract. Without limiting the foregoing, the Contractor, including its Subcontractors/ suppliers/ manufacturers, shall use all reasonable efforts to establish, maintain, implement and comply with, reasonable information technology, information security, cyber security and data protection controls, policies and procedures, including oversight, access controls, encryption, technological and physical safeguards and business continuity/disaster recovery and security plans that are designed to protect against and prevent breach, destruction, loss, unauthorized distribution, use, access, disablement, misappropriation or modification, or other compromise or misuse of or relating to any information technology system or data used in connection with the Contract.</p>

APPENDIX A TO GENERAL CONDITIONS

Fraud and Corruption

(Text in this Appendix shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

a. Defines, for the purposes of this provision, the terms set forth below as follows:

- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- v. "obstructive practice" is:
 - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;⁹ (ii) to be a nominated¹⁰ sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders(applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect¹¹ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

⁹ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

¹⁰ A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

¹¹ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

APPENDIX B

Environmental and Social (ES) Metrics for Progress Reports

1.

Metrics for regular reporting:

- a. environmental incidents or non-compliances with contract requirements, including contamination, pollution or damage to ground or water supplies;
- b. health and safety incidents, accidents, injuries and all fatalities that require treatment;
- c. interactions with regulators: identify agency, dates, subjects, outcomes (report the negative if none);
- d. Status of all permits and agreements:
 - i. Work permits: number required, number received, actions taken for those not received;
- e. Worker accommodations:
 - i. Number of expats housed in accommodations, number of locals;
 - ii. date of last inspection, and highlights of inspection including status of accommodations' compliance with national and local law and good practice, including sanitation, space, etc.;actions taken to recommend/require improved conditions, or to improve conditions.

APPENDIX C

Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration for Subcontractors

[The following table shall be filled in by each subcontractor proposed by the Contractor, that was not named in the Contract]

Subcontractor's Name: *[insert full name]*

Date: *[insert day, month, year]*

Contract reference *[insert contract reference]*

Page *[insert page number]* of *[insert total number]* pages

SEA and/or SH Declaration
<p>We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.</p> <p><input type="checkbox"/> (d) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have subsequently demonstrated that we have adequate capacity and commitment to comply with SEA /SH obligations.</p> <p><input type="checkbox"/> (e) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have attached specific evidence demonstrating that we have adequate capacity and commitment to comply with SEA and SH obligations.</p>
<p><i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i></p>
<p><i>[If (d) or (e) above are applicable, provide the following information:]</i></p>
<p>Period of disqualification: From: _____ To: _____</p>
<p>If previously provided on another Bank financed works contract, details of evidence that demonstrated adequate capacity and commitment to comply with SEA/SH obligations (as per (d) above)</p> <p style="margin-left: 40px;">Name of Employer: _____</p> <p style="margin-left: 40px;">Name of Project: _____</p> <p style="margin-left: 40px;">Contract description: _____</p>

<p>Brief summary of evidence provided: _____</p> <p>_____</p> <p>Contact Information: (Tel, email, name of contact person): _____</p> <p>_____</p>
<p>As an alternative to the evidence under (d), other evidence demonstrating adequate capacity and commitment to comply with SEA/SH obligations (as per (e) above) [<i>attach details as appropriate</i>].</p> <p>_____</p> <p>_____</p>

Name of the Subcontractor _____

Name of the person duly authorized to sign on behalf of the Subcontractor _____

Title of the person signing on behalf of the Subcontractor _____

Signature of the person named above _____

Date signed _____ day of _____, _____

Countersignature of authorized representative of the Contractor:

Signature: _____

Section IX - Particular Conditions of Contract

Except where otherwise specified, all Particular Conditions of Contract should be filled in by the Employer prior to issuance of the bidding document. Schedules and reports to be provided by the Employer should be annexed.

A. General	
GCC 1.1 (d)	The financing institution is: The World Bank
GCC 1.1 (r)	<p>The Employer is Project Coordination Unit, Uttar Pradesh Diversified Agriculture Project.</p> <p>4th floor B-1 Block PICUP Bhawan Lucknow-226010</p> <p>Contact Number : 0522 2721258</p> <p>Email: updasp12@gmail.com</p> <p>Website : https://updasp.co.in</p> <p>Authorized Authority- <i>Additional Project Director, UP-AGREES</i></p>
GCC 1.1 (v)	The Intended Completion Date for the whole of the Works shall be 75 days from the signing of contract
GCC 1.1 (y)	<p>The Project Manager is</p> <p><i>Additional Project Director, UP-AGREES</i></p> <p>Project Coordination Unit, Uttar Pradesh Diversified Agriculture Project,</p> <p>4th floor PICUP Bhawan Lucknow-226010</p> <p>Contact Number : 0522 2721258</p> <p>Email : updasp12@gmail.com</p> <p>Website : https://updasp.co.in</p>
GCC 1.1 (aa)	The Site is located at 8th floor Mandi Bhawan Ashok Marg Lucknow (UP) and is defined in drawings No. <i>[insert numbers]</i>
GCC 1.1 (dd)	The Start Date shall be within 10 days from signing the contract.
GCC 1.1 (hh)	<p>The Works consist of Civil & Toilet Works, Interior Work, Electrical Work, Furniture Work, Fire Alarm Work, VRV Air Conditioning Work, IP Telephony Works, CCTV Works, Networking & WiFi Works, Automation Works, Video Conferencing Works, PA System Works, and Display Works</p> <p>Identification number of Contract is.....</p>
GCC 1.1 (jj)	GCC 1.1 (jj) is replaced with the following:

	“Key Personnel are the Contractor’s personnel named in GCC 9.1 of the Particular Conditions of Contract.”															
GCC 2.2	Sectional Completions are: No sectional completion															
GCC 2.3(i)	<p>The following documents also form part of the Contract:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Document</th> <th>Description of the document</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Construction Methodology</td> <td>Construction methodology given in bid amended as per comments of employer given in letter of acceptance.</td> </tr> <tr> <td>2.</td> <td>Quality control</td> <td>Quality control procedures and assurance plans given in the bid and amended as per comments of Employer given in letter of acceptance.</td> </tr> <tr> <td>3.</td> <td>Fraud and Corruption</td> <td>Appendix A – Fraud and Corruption</td> </tr> <tr> <td>4.</td> <td>Environmental and Social</td> <td>Appendix B - Environmental and Social (ES) Metrics for Progress Reports.</td> </tr> </tbody> </table> <p><i>[list any other relevant document not listed in the Contract Agreement]</i></p>	S. No.	Document	Description of the document	1.	Construction Methodology	Construction methodology given in bid amended as per comments of employer given in letter of acceptance.	2.	Quality control	Quality control procedures and assurance plans given in the bid and amended as per comments of Employer given in letter of acceptance.	3.	Fraud and Corruption	Appendix A – Fraud and Corruption	4.	Environmental and Social	Appendix B - Environmental and Social (ES) Metrics for Progress Reports.
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3.	Fraud and Corruption	Appendix A – Fraud and Corruption														
4.	Environmental and Social	Appendix B - Environmental and Social (ES) Metrics for Progress Reports.														
GCC 3.1	<p>The following is inserted as a sub-clause at the end of GCC 3.1:</p> <p>“Salient features of major labour and other laws that are applicable to construction industry in India are given as Appendix 1 to these General Conditions of Contract.”</p> <p>The language of the contract is <i>English</i>.</p> <p>The law that applies to the Contract are the laws of Union of India.</p>															
GCC 4.1	<p>The following is inserted as a sub-paragraph at the end of GCC 4.1:</p> <p>“However, if the Project Manager is required, under the rules and regulations and orders of the Employer, to obtain approval of some other authorities for specific actions, he will so obtain the approval. Provided further that any requisite approval shall be deemed to have been given by the Employer for any such authority exercised by the Project Manager.”</p>															
GCC 5.1	The Project manager may delegate any of his duties and responsibilities.															
GCC 6.1	<p>The following is inserted at the end of GCC 6.1:</p> <p>“All oral instructions shall be confirmed in writing in seven working days.”</p>															
GCC 7	Sub-Contracting not allowed															

GCC 7.1	The ceiling for sub-contractor is not allowed
GCC 8.1	Schedule of other contractors: <i>NA</i>
GCC 9	<p>The following is inserted as a sub-clause at the end of GCC 9.2:</p> <p>“In all the above cases, the contractor shall ensure that the person leaves the site within seven days and has no further connection with the work in the contract. The Contractor shall appoint a suitable replacement within 28 days or earlier as may be agreed to between the Project Manager and the Contractor.”</p> <p>The following sentence is deleted from first paragraph of GCC 9.4.1:</p> <p>“The Contractor is encouraged, to the extent practicable and reasonable, to employ staff and labor with appropriate qualifications and experience from sources within the Country.”</p> <p>GCC 9.4.3 and GCC 9.4.4 are deleted.</p> <p>The following sub-clauses are inserted at the end of GCC 9.4:</p> <p>“9.5 The Contractor shall not employ any retired Gazetted officer who has either not completed two years after the date of retirement or has not obtained permission from the Government authorities for employment with the Contractor¹².</p> <p>9.6 During continuance of the Contract, the Contractor and his Sub-Contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour laws (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law prevailing on the Base Date either by the State or the Central Government or the local authority. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contraventions including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, the Project Manager/ Employer shall have the right to deduct any money due to the Contractor including his amount of performance security and if applicable, the Environmental and Social (ES) Performance Security. The Employer/ Project Manager shall also have right to recover from the Contractor any sum required or</p>

¹²Based on Government Directives.

	<p>estimated to be required for making good the loss or damage suffered by the Employer.</p> <p>9.7 The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.</p> <p>9.8 The Contractor shall duly comply with the provisions of the Apprentices Act 1961 (III of 1961) and the rules made there under, and comply, failure or neglect to shall be subject to all liabilities and penalties provided in the said Act and Rules.”</p>																							
GCC 9.1	<p><i>[insert the name/s of each Key Personnel agreed by the Employer prior to Contract signature, Schedule of Key Personnel and equipment as indicated in accepted bid & construction methodology].</i></p>																							
GCC 13.1	<p>The minimum insurance amounts and deductibles shall be:</p> <p><i>[Employers should fill these columns carefully in consultation with insurance companies. It should not be left blank]</i> The Contractor shall maintain adequate insurance and shall indemnify the Employer against any loss or claim</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Minimum cover for Insurance</th> <th>Maximum deductible for Insurance</th> </tr> </thead> <tbody> <tr> <td>(i)</td> <td>For loss or damage to the Works, Plant and Materials</td> <td>100%</td> <td></td> </tr> <tr> <td>(ii)</td> <td>For loss or damage to Equipment</td> <td>100%</td> <td></td> </tr> <tr> <td>(iii)</td> <td>For loss or damage to Property (except the Works, Plant, Materials, and Equipment) in connection with the Contract</td> <td>100%</td> <td></td> </tr> <tr> <td>(iv)</td> <td>Personal injury or death insurance: a) for other people;</td> <td>The contractor shall maintain adequate insurance and shall indemnify the Employer</td> <td></td> </tr> </tbody> </table>				S.No.	Description	Minimum cover for Insurance	Maximum deductible for Insurance	(i)	For loss or damage to the Works, Plant and Materials	100%		(ii)	For loss or damage to Equipment	100%		(iii)	For loss or damage to Property (except the Works, Plant, Materials, and Equipment) in connection with the Contract	100%		(iv)	Personal injury or death insurance: a) for other people;	The contractor shall maintain adequate insurance and shall indemnify the Employer	
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			against any loss or claim	
		b) for Contractor's Employees	In accordance with the statutory requirements applicable in India	
GCC 14.1	Site Data are: <i>[list Site Data]</i>			
GCC 15.1	GCC 15.1 is replaced with the following: "The Contractor shall construct and install the Works in accordance with the Specifications and Drawings and as per instructions of Project Manager."			
GCC 18 (add new 18.3.3)	The following is inserted as a new sub-clause 18.3.3: "18.3.3 During continuance of the contract, the contractor and his sub-contractors shall abide at all times by all existing enactments on environmental protection and rules made thereunder, regulations, notifications and by-laws of the State or Central Government, or local authorities and other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the State or Central Government or the local authority. Salient features of the major laws are given in Appendix 1 to the General Conditions of Contract."			
GCC 20.1	The Site Possession Date(s) shall be: <i>[insert location(s) and date(s)]</i> The Site Possession Dates shall be: Section 1 _____ Section 2 _____ Section 3 _____			
GCC 23	The following is inserted as a new sub-clause 23.1.1: "23.1.1 The Adjudicator should be in position before "notice to proceed with work" is issued to the Contractor and an agreement should be signed with the Adjudicator jointly by the Employer and the Contractor in the form attached – Appendix 3."			
GCC 23.1 & GCC 23.2	Name of the agreed Adjudicator- At the time of contract signature. Appointing Authority for the Adjudicator: <i>[insert name of Authority]</i> . <i>[Note: if ITB 51 provides for an Adjudicator from list provided by an Institution, insert the name of the same institution as the appointing authority]</i>			

GCC 24	In the first sentence in GCC 24.3, the words “The Adjudicator shall be paid by the hour at the rate” are replaced by the words “The Adjudicator shall be paid daily at the rate”
GCC 24.3	<p>Daily rate and types of reimbursable expenses to be paid to the Adjudicator: <i>[insert daily fees - not less than Rs. 10,000 per day, and reimbursable expenses – boarding/ lodging/ travel etc.].</i></p> <p><i>[Note: if ITB 51 provides for provision of an Adjudicator from list provided by an institution, kindly state that ‘the daily fee and reimbursable expenses payable to the Adjudicator will be governed by rules of (name of the Institution)].</i></p>
GCC 24.4	<p>The procedure for adhoc arbitration will be as follows:</p> <p>(a) In case of Dispute or difference arising between the Employer and a Contractor relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The arbitral tribunal shall consist of 3 Arbitrators, one each to be appointed by the Employer and the Contractor. The third Arbitrator shall be chosen by the two Arbitrators so appointed by the Parties and shall act as Presiding Arbitrator. In case of failure of the two Arbitrators appointed by the parties to reach upon a consensus within a period of 30 days from the appointment of the Arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the* Indian Council of Arbitration/ President of the Institution of Engineers (India)/The International Centre for Alternative Disputes Resolution (India).</p> <p>(b) If one of the parties fails to appoint its Arbitrator in pursuance of sub-clause (a) above within 30 days after receipt of the notice of the appointment of its Arbitrator by the other party, then the *Indian Council of Arbitration/President of the Institution of Engineers (India)/The International Centre for Alternative Disputes Resolution (India), both in cases of Foreign Contractor as well as Indian Contractor, shall appoint the Arbitrator. A certified copy of the order of the* Indian Council of Arbitration/President of the Institution of Engineers (India)/The International Centre for Alternative Disputes Resolution (India), making such an appointment shall be furnished to each of the parties.</p> <p>(c) Arbitration may be commenced prior to or after completion of the Works, provided that the obligations of the Employer, the Project Manager, the Contractor and the Adjudicator shall not be altered by reason of the arbitration being conducted during the progress of the Works.</p>

	<p>(d) Arbitration proceedings shall be held at Lucknow and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.</p> <p>(e) The decision of the majority of Arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the arbitral tribunal. However, the expenses incurred by each party in connection with the preparation, presentation, etc. of its proceedings as also the fees and expenses paid to the Arbitrator appointed by such party or on its behalf shall be borne by each party itself.</p> <p>(f) Where the value of the contract is Rs. 50 million and below, the disputes or differences arising shall be referred to the Sole Arbitrator. The Sole Arbitrator should be appointed by agreement between the parties; failing such agreement, by the appointing authority, namely the Indian Council of Arbitration</p> <p>(g) The Arbitrator should give final award within 120 days of starting of the proceedings</p> <p>(h) Performance under the contract shall continue during the arbitration proceedings and payments due to the contractor by the Employer shall not be withheld, unless they are the subject matter of the arbitration proceedings.</p> <p>Any dispute or difference whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the Rules of Domestic Commercial Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties.</p>
B. Time Control	
GCC 30.1	<p>The Contractor shall submit for approval a Program for the Works within 14 days of delivery of the Letter of Acceptance.</p> <p>Any revision in Program should only be agreed in writing.</p> <p><i>[This program should be in adequate detail and generally conform to the program submitted along with bid. Deviations, if any from that should be clearly explained and should be satisfactory to the Project Manager]</i></p>
GCC 30.3	The period between Program updates is 15 days.

	<p>The amount to be withheld for late submission of an updated Program is <i>Rs. 100,000</i> .</p> <p>The period for submission of progress reports is <i>15</i> days.</p>
GCC 30.4	<i>NA</i>
GCC 30.5	<i>NA</i>
GCC 31	<p>GCC 31.1 is replaced with the following:</p> <p>“31.1 The Project Manager shall extend the Intended Completion Date including milestones (a) if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date as per the agreed milestones without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost; or (b) for any occurrence of Force Majeure as provided in GCC Clause 68.”</p> <p>In GCC 31.2, replace the words “Intended Completion Date” at the first occurrence by the words “Intended Completion Date/ Milestones”; and at the second occurrence by the words “Intended Completion Date/ Milestone”.</p>
GCC 34	<p>GCC 34.1 is replaced with the following:</p> <p>“Either the Project Manager or the Contractor may require the other to attend a management meeting (which will be held at the place indicated in PCC. The periodicity shall be fixed by Project Manager/ Contractor jointly). The business of a management meeting shall be to review the progress of construction with reference to the construction program given in accordance with GCC 30.1, the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.”</p>
GCC 34.1	<p>Venue of management meeting will be office of UPDASP Vibhuti Khand Gomti Nagar.</p> <p>The management meetings shall be held at intervals of fortnightly</p>
C. Quality Control	
GCC 36	<p>The following sub-clause is inserted at the end of GCC 36.1:</p> <p>“36.2 The contractor shall permit the Employer’s Technical auditor to check the contractor’s work and notify the Project Manager and Contractor of any defects that are found. Such a check shall not affect the Contractor’s or the Project Manager’s responsibility as defined in the Contract Agreement.”</p>

GCC 37	<p>The following sub-clauses are inserted before GCC 37.1, and GCC 37.1 is re-numbered as GCC 37.3:</p> <p>“GCC 37.1 The Contractor shall institute Quality Assurance (QA) and Quality Control (QC) systems in accordance with Quality Assurance Plan to demonstrate compliance with the requirements of the Contract as approved by the Project Manager. Compliance with the QA/QC systems shall not relieve the Contractor of any of his duties obligations or responsibilities under the Contract.</p> <p>GCC 37.2 The Contractor shall provide all apparatus, assistance, documents and other information, electricity, equipment, fuel, consumables, instruments, labour, materials, and suitably qualified and experienced staff, as are necessary to carry out the specified tests efficiently.”</p>
GCC 38.1	The Defects Liability Period is: 365 days.
GCC 39.1	<p>The following notes are added at the end of GCC 39.1:</p> <p><i>“Note: 1. Where in certain cases, the technical specifications provide for acceptance of works within specified tolerance limits at reduced rates, Project Manager will certify payments to Contractor accordingly.</i></p> <p><i>2. Where the failure to correct a particular defect within the specified time is considered as a fundamental breach of contract a notice should be given to the contractor as stated in GCC 61.2(e).”</i></p>
D. Cost Control	
GCC 41	<p>GCC 41.1 is replaced with the following, and existing GCC 41.2 is re-numbered as GCC 41.3:</p> <p>“41.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item, provided the change exceeds 1 percent of the Initial Contract Price, the Project Manager shall adjust the rate to allow for the change.</p> <p>(a) If the quantity of work executed exceeds the quantity of the item in BOQ beyond 25 percent, Project Manager shall fix the rate to be applied for the additional quantity (that is beyond 25 percent of the quantity of the item in BOQ) of the work executed, while the rate agreed in BOQ to be applied for remaining of the quantity of the item.</p> <p>(b) If the quantity of work executed does not exceed the quantity of the item in BOQ beyond 25 percent, the rate agreed in BOQ is to be applied for the entire quantity of the work executed.</p>

	<p>(c) If the quantity of work executed is less than 75 percent of quantity of the item in BOQ, the Project Manager shall fix the rate to be applied for whole of the quantity of the work so executed.</p> <p>41.2 The Project Manager shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Employer.”</p>
GCC 42	<p>In GCC 42.2, the first sentence is modified as follows:</p> <p>“The Contractor shall provide the Project Manager with a quotation (with breakdown of unit rates) for carrying out the Variation when requested to do so by the Project Manager. The Contractor shall also provide a description of the varied work performed or to be performed, including details of the resources and methods adopted or to be adopted by the Contractor.”</p> <p>In the first sentence in GCC 42.3, after the words ‘If the Contractor’s quotation is unreasonable’, the following is added:</p> <p><i>“[or if contractor fails to provide the Project Manager with a quotation within a reasonable time specified by Project Manager in accordance with GCC 42.2]”</i></p>
GCC 42.2	NA
GCC 42.7	Provisions related to Value Engineering do not apply.
GCC 43.1	<p>The second sentence in GCC 43.1 is replaced with the following:</p> <p>“The cash flow forecast shall be in Indian Rupees.”</p>
GCC 44	<p>At the end of GCC 44.1 after the word ‘previously’, the following words are added:</p> <p>“along with details of measurement of the quantity of works executed in a tabular form approved by the Project Manager”</p> <p>At the end of GCC 44.2 after the words ‘the Contractor’, the following words are added:</p> <p>“after taking into account any credit or debit for the month in question in respect of materials for the works in the relevant amount and under conditions set forth in GCC Sub-Clause 53.1 (Secured Advance)”</p>
GCC 44.8	<i>[If the Contract has been assessed to present cyber security risks, include the following: “GCC Sub- Clause 44.8 applies; otherwise, state: “There are no Particular Conditions of Contract applicable to GCC Sub- Clause 44.8”.]</i>

GCC 45	<p>GCC 45.1 is replaced with the following:</p> <p>“Payments shall be adjusted for deductions for advance payments, retention, other recoveries in terms of contract & taxes to be deducted at source [TDS] as per applicable law. The Employer shall pay the Contractor the amounts certified by the Project Manager within 28 days of the date of each certificate. If the Employer makes a late payment, the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the rate stated in the PCC.”</p> <p>A new sub-clause 45.5 is added after sub-clause 45.4:</p> <p>“45.5 The Contractor shall open an Escrow Account with his bank for the purpose of receiving all the payments as well as incurring expenditure under this Contract. The Account shall be open to verification and audit at any time by the Employer or designee of the Employer. This account will be controlled solely by the Contractor’s Project Officers (Project Manager and/or Finance Manager or equivalent designate). No other Contractor employees or associates will have access to the Project Account or the funds therein. The Contractor shall report monthly on the status of this account including actual bank account statements. The Contractor shall provide all Account statements as requested by the Employer.”</p>
GCC 45.1	Interest rate for Delayed payment is Prevailing saving interest rate per annum.
GCC 45.3	All payments (and deductions) shall be paid or charged in Indian Rupees.
GCC 47	<p>The following sub-clause is inserted before GCC 47.1, and GCC 47.1 is re-numbered as GCC 47.2:</p> <p>“47.1 The rates quoted by the Contractor shall be deemed to be inclusive of the VAT, Sales and other taxes that the Contractor will have to pay for the performance of this Contract. The Employer will perform such duties in regard to the deduction of such taxes at source [TDS] as per applicable law.”</p> <p>In first line of the re-numbered GCC 47.2, replace the words ‘the date 28 days before’ with the words ‘the deadline for’.</p>
GCC 48	All payments shall be made in Indian Rupees.
GCC 49	The Contract <i>is not</i> subject to price adjustment in accordance with GCC Clause 49. Price Adjustment is not allowed
GCC 49.1	Price Adjustment:

	The contract <i>is not</i> subject to price adjustment in accordance with G.C.C.
GCC 50.1	The proportion of payments retained (Retention Money) shall be 6% from each bill subject to the maximum of 5% of final contract price.
GCC 50.2	The last line of GCC 50.2 is replaced with the following: “On completion of the whole works the Contractor may substitute the balance retention money with an “on demand” Bank guarantee.”
GCC 51	In the first sentence of GCC 51.1, the following words are inserted after the words ‘Intended Completion Date’: “(for the whole of the works or the milestones as stated in the PCC)” The following is inserted as a sub-paragraph at the end of GCC 51.1: “Time is the essence of the contract and payment or deduction of liquidated damages shall not relieve the contractor from his obligation to complete the work as per agreed construction program and milestones, or from any of the Contractor’s other obligations and liabilities under the contract.” In the first sentence in GCC 51.2 the following words are inserted after the words ‘Intended Completion Date’: “including milestones”
GCC 51.1	The liquidated damages for the whole of the Works are 0.05% per day. The maximum amount of liquidated damages for the whole of the Works is 10% of the final Contract Price.
GCC 52.1	Bonus for the whole of the Works is not applicable
GCC 53	The following is inserted as a new sub-clause 53.4: “The Project Manager shall make advance payment in respect of materials intended for but not yet incorporated in the Works in accordance with conditions stipulated in the PCC. ”
GCC 53.1	Advance Payments shall be made in Indian Rupees only. The amount of the Advance Payments are: 10% of total price on submission of unconditional Bank Guarantee. To be adjusted within 50% of the payment
GCC 54	GCC 54.1 is replaced with the following: “The Performance Security and an Environmental and Social (ES) Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in the amounts specified in the PCC , and shall be issued by a Nationalized or Scheduled

	bank in India. The Performance Security including additional security for unbalanced bids, and the ES Performance Security, shall be valid until a date 28 days from the date of issue of the Certificate of Completion.”
GCC 54.1	<p>The Performance Security amount is 5 percent of the Accepted Contract Amount plus Rs.</p> <p>The standard forms of Performance Security acceptable to the Employer shall be <u>unconditional</u> Bank Guarantees from Scheduled or Nationalized banks in India of the types as presented in Section X of the Bidding Document.</p>
E. Finishing the Contract	
GCC 59.1	<p>The following is added after the words ‘issue a payment certificate’ at the end of GCC 59.1:</p> <p>“within 56 days of receiving the contractor’s revised account”</p>
GCC 60.1	<p>The date by which operating and maintenance manuals are required is within 28 days of issue of certificate of completion of whole or section of work, as the case may be <i>[insert date]</i>.</p> <p>The date by which “as built” drawings (in scale...) including a compact disc containing digitized drawings in 2 sets are required, is within 28 days of issue of certificate of completion of whole or section of the work, as the case may be <i>[insert date]</i>.</p>
GCC 60.2	<p>The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required in GCC 60.1 is Rs. <i>[insert amount]</i>.</p>
GCC 61	<p>The following sub-clauses are added after GCC 61.2 (h):</p> <p>“(i) The contractor has contravened Clauses 7 and 9 of GCC.</p> <p>(j) The contractor does not adhere to the agreed construction program, agreed ES-MSIP [Clause 30 of GCC], and also fails to take satisfactory remedial action as per agreements reached in the management meetings [Clause 30 of GCC] for a period of 60 days.</p> <p>(k) The contractor fails to carry out the instructions of the Project Manager within a reasonable time determined by the Project Manager in accordance with GCC Clause 15.1 and 22.</p> <p>(l) The contractor (in case of Joint Venture) has modified the composition of the joint venture and/or the responsibility of each member of the joint</p>

	venture from what is stated in joint venture agreement without the prior approval of the Employer.”
GCC 61.2 (g)	The maximum number of days is: <i>10 week</i>
GCC 61.2 (l)	Hiding any information regarding changes in roles and responsibilities of JV members, which is not authorized by the Employer, shall also be treated as violation of Appendix A to General Conditions (Fraud and Corruption).
GCC 62	The following is added after the words ‘issue of the certificate’ in the first sentence of GCC 62.1; “less other recoveries due in terms of contract, less taxes to be deducted at source [TDS] as per applicable law,” The following is added after the words ‘date of the certificate’ at the end of GCC 62.2: “less other recoveries due in terms of contract, less taxes to be deducted at source [TDS] as per applicable law”
GCC 62.1	The percentage to apply to the value of the work not completed, representing the Employer’s additional cost for completing the Works, is 20%.
GCC 66.1	Cyber Security <i>does not apply</i>
GCC 67	Insert a new Clause GCC 67 as follows: “ GCC 67. Force Majeure
	67.1 “Force Majeure” shall mean any event beyond the reasonable control of the Employer or of the Contractor, as the case may be, insofar as they directly affect the execution of the Works included in this Contract and which is unavoidable notwithstanding the reasonable care of the party affected, and shall include, without limitation, the following: (a) war, hostilities or warlike operations (whether a state of war be declared or not), invasion, act of foreign enemy and civil war; (b) rebellion, revolution, insurrection, mutiny, usurpation of civil or military government, conspiracy, riot, civil commotion and terrorist acts; (c) confiscation, nationalization, mobilization, commandeering, requisition by or under the order of any government or de jure or de facto authority or ruler or any other act or failure to act of any local state or national government authority; (d) strike, sabotage, lockout, embargo, import restriction, port congestion, lack of usual means of public transportation and

	<p>communication, industrial dispute, shipwreck, shortage or restriction of power supply, epidemics, quarantine and plague;</p> <p>(e) earthquake, landslide, volcanic activity, fire, flood or inundation, tidal wave, typhoon or cyclone, hurricane, storm, lightning, or other inclement weather condition, nuclear and pressure waves or other natural or physical disaster;</p> <p>(f) shortage of labor, materials or utilities where caused by circumstances that are themselves Force Majeure.</p> <p>67.2 If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within fourteen (14) days after the occurrence of such event.</p> <p>67.3 The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended in accordance with GCC Clause 31.</p> <p>67.4 The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect thereof upon its or their performance of the Contract and to fulfill its or their obligations under the Contract, but without prejudice to either party's right to terminate the Contract under GCC Sub-Clause 67.6.</p> <p>67.5 No delay or nonperformance by either party hereto caused by the occurrence of any event of Force Majeure shall</p> <p>(a) constitute a default or breach of the Contract;</p> <p>(b) give rise to any claim for damages or additional cost or expense occasioned thereby;</p> <p>if and to the extent that such delay or nonperformance is caused by the occurrence of an event of Force Majeure.</p> <p>67.6 If the performance of the Contract is substantially prevented, hindered or delayed for a single period of more than sixty (60) days or an aggregate period of more than one hundred and twenty (120) days on account of one or more events of Force Majeure during the currency of the Contract, the parties will attempt to develop a mutually satisfactory solution, failing which either party may terminate the Contract by giving a notice to the other, but without prejudice to either party's right to terminate the Contract under GCC Clause 61.</p>
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	<p>67.7 In the event of termination pursuant to GCC Sub-Clause 67.6, the rights and obligations of the Employer and the Contractor shall be as specified in GCC Sub-Clauses 61.4 and 62.2.</p> <p>67.8 Notwithstanding GCC Sub-Clause 67.5, Force Majeure shall not apply to any obligation of the Employer to make payments to the Contractor herein.”</p>
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Appendices

Appendix 1

Salient Features of Labour & Environment Protection Laws¹³

SALIENT FEATURES OF SOME MAJOR LABOUR LAWS APPLICABLE TO ESTABLISHMENTS ENGAGED IN BUILDING AND OTHER CONSTRUCTION WORK

- (a) Employees Compensation Act 1923: The Act provides for compensation in case of injury, disease or death arising out of and during the course of employment.
- (b) Payment of Gratuity Act 1972: gratuity is payable to an employee under the Act on satisfaction of certain conditions on separation if an employee has completed 5 years' service or more or on death at the rate of 15 days wages for every completed year of service. The Act is applicable to all establishments employing 10 or more employees.
- (c) Employees P.F. and Miscellaneous Provision Act 1952 (since amended): The Act provides for monthly contribution by the employer plus workers @ 10% or 8.33%. The benefits payable under the Act are:
- (i) Pension or family pension on retirement or death, as the case may be.
 - (ii) Deposit linked insurance on the death in harness of the worker.
 - (iii) Payment of P.F. accumulation on retirement/death etc.
- (d) Maternity Benefit Act 1961: The Act provides for leave and some other benefits to women employees in case of confinement or miscarriage etc.
- (e) Sexual Harassment of Women at the Workplace (Prevention, Prohibition and Redressal) Act, 2013: This Act defines sexual harassment in the workplace, provides for an enquiry procedure in case of complaints and mandates the setting up of an Internal Complaints Committee or a Local Complaints Committee
- (f) Contract Labour (Regulation & Abolition) Act 1970: The Act provides for certain welfare measures to be provided by the Contractor to contract labour and in case the Contractor fails to provide, the same are required to be provided, by the Principal Employer by law. The Principal Employer is required to take Certificate of Registration and the Contractor is required to take license from the designated

¹³ This list is only illustrative and not exhaustive. Bidders and Contractors are responsible for checking the correctness and completeness of the list. The law as current on the date of bid opening will apply.

Officer. The Act is applicable to the establishments or Contractor of Principal Employer if they employ 20 or more contract labour.

- (g) Minimum Wages Act 1948: The Employer is supposed to pay not less than the Minimum Wages fixed by appropriate Government as per provisions of the Act if the employment is a scheduled employment. Construction of Buildings, Roads, Runways are scheduled employments.
- (h) Payment of Wages Act 1936: It lays down the mode, manner and by what date the wages are to be paid, what deductions can be made from the wages of the workers.
- (i) Equal Remuneration Act 1976: The Act provides for payment of equal wages for work of equal nature to male and female workers and for not making discrimination against Female employees in the matters of transfers, training and promotions etc.
- (j) Payment of Bonus Act 1965: The Act is applicable to all establishments employing 20 or more employees. Some of the State Governments have reduced this requirement from 20 to 10. The Act provides for payments of annual bonus subject to a minimum of 8.33% of the wages drawn in the relevant year. It applies to

who draw a salary of Rs. 10,000/-
per month or less. To be eligible for bonus, the employee should have worked in the establishment for not less than 30 working days in the relevant year. The Act does not apply to certain establishments.
- (k) Industrial Disputes Act 1947: the Act lays down the machinery and procedure for resolution of Industrial disputes, in what situations, a strike or lock-out becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.
- (l) Trade Unions Act 1926: The Act lays down the procedure for registration of trade unions of workmen and employers. The Trade Unions registered under the Act have been given certain immunities from civil and criminal liabilities.
- (m) Child Labour (Prohibition & Regulation) Act 1986: The Act prohibits employment of children below 14 years of age in certain occupations and processes and provides for regulation of employment of children in all other occupations and processes. Employment of Child Labour is prohibited in the Building and Construction Industry.
- (n) Inter-State Migrant workmen's (Regulation of Employment & Conditions of Service) Act 1979: The Act is applicable to an establishment which employs 5 or more inter-state migrant workmen through an intermediary (who has recruited workmen in one state for employment in the establishment situated in another state). The Inter-State migrant workmen, in an establishment to which this Act

becomes applicable, are required to be provided certain facilities such as housing, medical aid, traveling expenses from home up to the establishment and back, etc.

- (o) The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act 1996 and the Building and Other Construction Workers Welfare Cess Act, 1996 (BOCWW Cess Act): All the establishments who carry on any building or other construction work and employ 10 or more workers are covered under these Acts. All such establishments are required to pay cess at the rate not exceeding 2% of the cost of construction as may be notified by the Government. The Employer of the establishment is required to provide safety measures at the building or construction work and other welfare measures, such as Canteens, First – Aid facilities, Ambulance, Housing accommodations for workers near the work place etc. The Employer to whom the Act applies has to obtain a registration certificate from the Registering Officer appointed by the Government.
- (p) Factories Act 1948: the Act lays down the procedure for approval of plans before setting up a factory engaged in manufacturing processes, health and safety provisions, welfare provisions, working hours, annual earned leave and rendering information regarding accidents or dangerous occurrences to designated authorities. It is applicable to premises employing 10 persons or more with aid of power or 20 or more persons without the aid of power.
- (q) Weekly Holidays Act -1942
- (r) Bonded Labour System (Abolition) Act, 1976: The Act provides for the abolition of bonded labour system with a view to preventing the economic and physical exploitation of weaker sections of society. Bonded labour covers all forms of forced labour, including that arising out of a loan, debt or advance.
- (s) Employer's Liability Act, 1938: This Act protects workmen who bring suits for damages against employers in case of injuries endured in the course of employment. Such injuries could be on account of negligence on the part of the employer or persons employed by them in maintenance of all machinery, equipment etc. in healthy and sound condition.
- (t) Employees State Insurance Act 1948: The Act provides for certain benefits to insured employees and their families in case of sickness, maternity and disablement arising out of an employment injury. The Act applies to all employees in factories (as defined) or establishments which may be so notified by the appropriate Government. The Act provides for the setting up of an Employees' State Insurance Fund, which is to be administered by the Employees State Insurance Corporation. Contributions to the Fund are paid by the employer and the employee at rates as prescribed by the Central Government. The Act also provides for benefits to dependents of insured persons in case of death as a result of an employment injury.

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- (u) The Personal Injuries (Compensation Insurance) Act, 1963: This Act provides for the employer's liability and responsibility to pay compensation to employees where workmen sustain personal injuries in the course of employment.
- (v) Industrial Employment (Standing Order) Act 1946: It is applicable to all establishments employing 100 or more workmen (employment size reduced by some of the States and Central Government to 50). The Act provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and get the same certified by the designated Authority.

SALIENT FEATURES OF SOME OF THE MAJOR LAWS THAT ARE APPLICABLE FOR PROTECTION OF ENVIRONMENT.

1. The Environment (Protection) Act, 1986 and as amended: This provides for the protection and improvement of environment and for matters connected therewith, and the prevention of hazards to human beings, other living creatures, plants and property. 'Environment' includes water, air and land and the inter-relationship which exists among and between water, air and land, and human beings, other living creatures, plants, micro-organism and property.
2. The Forest Conservation Act, 1980, as amended, and Forest (Conservation) Rules, 1981 as amended: These provides for protection of forests by restricting conversion of forested areas into non- forested areas and prevention of deforestation, and stipulates the procedures for cutting any trees that might be required by the applicable rules. Permissions under the Act also stipulates the norms and compliance requirements of the employer and any contractor on behalf of the employer.
3. State Tree Preservation Acts as may be in force: These provide for protection of trees of important species. Contractors will be required to obtain prior permission for full or partial cutting, uprooting, or pruning of any such trees.
4. The Wildlife (Protection) Act, 1972, and as amended: This provides for protection of wildlife through notifying National Parks and Sanctuaries and buffer areas around these zones; and to protect individuals of nationally important species listed in the Annex of the Act.
5. The Biological Diversity Act, 2002: This provides for conservation of biological diversity, sustainable use of components of biological diversity, and fair and equitable sharing of the benefits arising out of the use of biological resources, knowledge and for matters connected therewith or incidental thereto.
6. The Public Liability Insurance Act, 1991 as amended and The Public Liability Insurance Rules, 1991 as amended: These provide for public liability insurance for the purpose of providing immediate relief to the persons affected by accident occurring while handling hazardous substances and for mattes connected herewith or incidental thereto. Hazardous substance means any substance or preparation which is defined as hazardous substance under the Environment (Protection) Act 1986, and exceeding such quantity as may be specified by notification by the Central Government.
7. The Ancient Monuments and Archaeological Sites and Remains Act, 1958 and the Ancient Monuments and Archaeological Sites and Remains (Amendment and Validation) Act, 2010, the Ancient Monuments and Archaeological Sites and Remains Rules, 1959 amended 2011, the National Monuments Authority Rules, 2011 and the similar State Acts: These provide for conservation of cultural and historical remains found in India. Accordingly, area within the radii of 100m and 300m from the "protected property" are designated as "protected area" and "controlled area" respectively. No development activity (including building, mining, excavating, blasting) is permitted in the "protected area" and development activities likely to damage the protected property is not permitted in the "controlled area" without prior

permission of the Archaeological Survey of India (ASI) or the State Departments of Art and Culture or Archaeology as applicable.

8. The Environmental Impact Assessment Notification, 2006 and as amended: This provides for prior environmental clearance for new, modernization and expansion projects listed in Schedule 1 of the Notification. Contractors will be required to ensure that no work starts until applicable clearances under the Notification is not available. Contractors will be responsible for implementation of any environmental management plan stipulated as per the permission under this Notification; and will be required to prepare and submit to the employer and compliance report stipulated in the permission under the Notification.
9. The Water (Prevention and Control of Pollution) Act, 1974 as amended, and the Water (Prevention and Control of Pollution) Rules, 1975 as amended: These provide for the prevention and control of water pollution and the maintaining and restoring of wholesomeness of water. 'Pollution' means such contamination of water or such alteration of the physical, chemical or biological properties of water or such discharge of any sewage or trade effluent or of any other liquid, gaseous or solid substance into water (whether directly or indirectly) as may, or is likely to, create a nuisance or render such water harmful or injurious to public health or safety, or to domestic, commercial, industrial, agricultural or other legitimate uses, or to the life and health of animals or plants or of aquatic organisms. Contractors will need to obtain consent for establishment and consent for operation of any item of work or installation of equipment that generates waste water, and observe the required standards of establishment and operation of these items of work or installations; as well as install and operate all required waste water treatment facilities.
10. The Water (Prevention and Control of Pollution) Cess Act, 1977 and The Water (Prevention and Control of Pollution) Cess Rules, 1978: These provide for the levy and collection of a cess on water consumed by persons carrying on certain industries and by local authorities, with a view to augment the resources of the Central Board and the State Boards for the prevention and control of water pollution under the Water (Prevention and Control of Pollution) Act, 1974.
11. The Air (Prevention and Control of Pollution) Act, 1981 as amended, and the Air (Prevention and Control of Pollution) Rules, 1982: These provides for prevention, control and abatement of air pollution. 'Air Pollution' means the presence in the atmosphere of any 'air pollutant', which means any solid, liquid or gaseous substance (including noise) present in the atmosphere in such concentration as may be or tend to be injurious to human beings or other living creatures or plants or property or environment. Contractors will need to obtain consent for establishment and consent for operation of any item of work or installation of equipment that generates air pollution such as batching plants, hot mix plants, power generators, backup power generation, material handling processes, and observe the required standards of establishment and operation of these items of work or installations.
12. Noise Pollution (Control and Regulation) Rules, 2000, and as amended: This provides for standards for noise for day and night for various land uses and specifies special standards in and around sensitive receptors of noise such as schools and hospitals. Contractors will need

to ensure compliance to the applicable standards, and install and operate all required noise control devices as may be required for all plants and work processes.

13. Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996: This provides for Requirement of preparation of on-site and off-site Disaster Management Plans for accident-prone areas.
14. The Explosives Act 1884 and the Explosives Rules, 2008: These provide for safe manufacture, possession, sale, use, transportation and import of explosive materials such as diesel, Oil and lubricants etc.; and also for regulating the use of any explosives used in blasting and/or demolition. All applicable provisions will need compliance by the contractors.
15. The Petroleum Rules, 2002: This provides for safe use and storage of petroleum products, and will need to be complied by the contractors.
16. The Gas Cylinder Rules 2004 and amendments: This provides for regulations related to storage of gas, and possession of gas cylinder more than the exempted quantity. Contractors should comply with all the requirements of this Rule.
17. Manufacture, Storage and Import of Hazardous Chemical Rules of 1989 and as amended: These provide for use and storage of hazardous material such as highly inflammable liquids like HSD/LPG. Contractors will need to ensure compliance to the Rules; and in the event where the storage quantity exceeds the regulated threshold limit, the contractors will be responsible for regular safety audits and other reporting requirements as prescribed in the Rules.
18. Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016: These provide for protection of general public from improper handling storage and disposal of hazardous waste. The rules prescribe the management requirement of hazardous wastes from its generation to final disposal. Contractors will need to obtain permission from the State Pollution Control Boards and other designated authorities for storage and handling of any hazardous material; and will to ensure full compliance to these rules and any conditions imposed in the permit.
19. The Bio Medical Waste Management Rules, 2016: This provides for control, storage, transportation and disposal of bio-medical wastes. As and where the contractor has any first aid facility and dispensaries, established in either temporary or permanent manner, compliance to these Rules are mandatory.
20. Construction and Demolition Waste Management Rules, 2016: This provides for management of construction and demolition waste (such as building materials possible to be reused, rubble and debris or the like); and applies to all those waste resulting from construction, re-modelling, repair or demolition of any civil structure. Contractor will need to prepare a waste disposal plan and obtain required approval from local authorities, if waste generation is more than 20 tons in any day or 300 tons in any month during the contract period; and ensure full compliance to these rules and any conditions imposed in the regulatory approval.

21. The E-Waste (Management) Rules, 2016: This provides for management of E-wastes (but not covering lead acid batteries and radio-active wastes) aiming to enable the recovery and/or reuse of useful material from e-waste, thereby reducing the hazardous wastes destined for disposal and to ensure the environmentally sound management of all types of waste of electrical and electronic equipment. This Rule applies to every manufacturer, producer, consumer, bulk consumer, collection centers, dealers, e-retailer, refurbisher, dismantler and recycler involved in manufacture, sale, transfer, purchase, collection, storage and processing of e-waste or electrical and electronic equipment listed in Schedule I, including their components, consumables, parts and spares which make the product operational.
22. Plastic waste Management Rules, 2016: This provides for control and management of the plastic waste generated from any activity. Contractors will ensure compliance to this Rule.
23. The Batteries (Management and Handling) Rules 2001: This provides for ensuring safe disposal and recycling of discarded lead acid batteries likely to be used in any equipment during construction and operation stage. Rules require proper control and record keeping on the sale or import of lead acid batteries and recollection of the used batteries by registered recyclers to ensure environmentally sound recycling of used batteries. Contractors will ensure compliance to this Rule.
24. The Ozone Depleting Substances (Regulation and Control) Rules, 2000 and as amended: This provides for regulation of production and consumption of ozone depleting substances in the country, and specifically prohibits export to or import from countries not specified in the Rules, and prohibits unless specifically permitted, any use of ozone depleting substance.
25. The Coastal Regulation Zone Notifications, 1991 and as amended: This provides for regulation of development activities within the 500m of high tide line in coastal zone and 100m of stretches of rivers and estuaries influenced by tides. Contractors will be required to ensure that no work starts until applicable clearances under the Notification is not available. Contractors will be responsible for implementation of any plan stipulated as per the permission under this Notification; and will be required to prepare and submit to the employer and compliance report stipulated in the permission under the Notification.
26. The Motor Vehicle Act 1988 as amended (and State Motor Vehicle Acts as may be in force) and the Motor Vehicle Rules, 1989, and as amended (and State Motor Vehicle Rules as may be in force): To minimize the road accidents, penalizing the guilty, provision of compensation to victim and family and check vehicular air and noise pollution. Contractors will be required to ensure full compliance to these rules.
27. Easement Act, 1882: This provides for the rights of landowners on groundwater. Contractors will need to ensure that other landowners' rights under the Act is not affected by any groundwater abstraction by the contractors.
28. State Groundwater Acts and Rules as may be in force and the Guidelines for Groundwater Abstraction for drinking and domestic purposes in Notified Areas and Industry/Infrastructure project proposals in non-Notified areas, 2012: These provide for regulating extraction of

ground water for construction/industrial and drinking and domestic purposes. Contractors will need to obtain permission from Central/State Groundwater Boards prior to groundwater abstraction through digging any bore well or through any other means; and will to ensure full compliance to these rules and any conditions imposed in the permit.

29. The Mines Act, 1952 as amended; the Minor Mineral and concession Rules as amended; and the State Mineral (Rights and Taxation) Acts as may be in force: These provide for for safe and sound mining activity. The contractors will procure aggregates and other building materials from quarries and borrow areas approved under such Acts. In the event the contractors open any new quarry and/or borrow areas, appropriate prior permission from the State Departments of Minerals and Geology will need to be obtained. Contractors will also need to ensure full compliance to these rules and any conditions imposed in the permit.
30. The Insecticides Act, 1968 and Insecticides Rules, 1971 and as amended: These provide for regulates the manufacture, sale, transport, distribution, export, import and use of pesticides to prevent risk to human beings or animals, and for matters connected therewith. No one should import or manufacture; sell, stock or exhibit foe sale; distribute, transport, use: (i) any misbranded insecticides, (ii) any insecticide the sale, distribution or use of which is for the time being prohibited under the Act; and (iii) any insecticide except in accordance with the condition on which it was registered under the Act.
31. National Building Codes of India, 2005 and as amended: This provides guidelines for regulating the building construction activities in India. The code mainly contains administrative regulations, development control rules and general building requirements; stipulations regarding materials, structural design and construction; and building and plumbing services. Contractors will be required to comply with all Bureau of Indian Standards Codes dealing with: (i) use and disposal of asbestos containing materials in construction; (ii) paints containing lead; (iii) permanent and temporary ventilations in workplace; (iv) safety, and hygiene at the workplace; (v) prevention of fire; (vi) prevention of accidents from faulty electrical gadgets, equipment and accessories; and all other such codes incidental to the Contract.

Appendix 2

Tables of Adjustment Data (Not Applicable)

(Cl. 49 of GCC)

Table 1: Coefficients governing the adjustment for changes in cost

S. No.	Coefficients Name	Symbol	Schedules (Reference Number)								
			<i>[Description of each schedule is given below]</i>								
			S ₁	S ₂	S ₃	S ₄	S ₅	S ₆	S ₇	S ₈	S ₉
1.	Fixed	a	15	15	15	15	15	15	15	15	15
2.	Labour [L]	b									
3.	Steel [S]	c									
4.	Cement [C]	d									
5.	Plant & Equipment spares [E]	e									
6.	Diesel and Petroleum products [D]	f									
7.	Bitumen [B]	g									
8.	Others [O]	0									
	Total		100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %

Note: (a) Fixed element is normally 15%; (b) Employer to fill-up above Table.

BOQ SCHEDULES

[The following Schedules are for example only. The schedules may be modified and specified as appropriate for each work]

- Schedule 1: Earth Work In Formation
- Schedule 2: Civil Engineering Work (Bridge)
- Schedule 3: Civil Engineering Work Building,
- Schedule 4: Steel Fabrication Works
- Schedule 5: Road Works –WBM
- Schedule 6: Road BTM
- Schedule 7:

Table 2: Cost Indices and Reference Prices (applicable for specific items) for adjustment in contract prices [as per GCC 49].

WPI with base 2004-2005 = 100 on the Base Date

Base Date = Deadline for submission of bids

S. No.	Cost Element	Sym bol	Indices or Cost on the Base Date	Index for adjustment	Sources of Index
[1]	[2]	[3]	[4]	[5]	[6]
1.	Fixed	a			
2.	Labour	b	L _o - all India average Consumer Price Index(CPI) Number for Industrial Workers for centre ¹⁴ (Base 2001 = 100) on the base date.	L _n -CPI for the month for which the IPC is related	Labour Bureau, Ministry of Labour and Employment, Government of India.
3.	Steel	c	S _o – Whole-sale Price Index (WPI) for Steel [<i>Steel Long</i>]	S _n -WPI for the month which is two months prior to the month to which IPC is related	Economic Advisor, Ministry of Commerce and Industry, Government of India.
4.	Cement	d	C _o -WPI for Grey Cement	C _n -WPI for the month which the cement is brought to site or one month prior to the month to which IPC is related, whichever is less	Economic Advisor, Ministry of Commerce and Industry, Government of India
5.	Plant & Equipment spares	e	E _o -WPI for “Construction machinery”	E _n – WPI for the month to which IPC is related	Economic Advisor, Ministry of Commerce and Industry, Government of India
6.	Diesel ¹⁵	f	Do-Unit Cost from the identified depot on the base date	D _n -Unit Cost for on the first day of the month to which the IPC relates	From the
7.	Bitumen ¹⁶	g	Bo-Unit Cost from the identified refinery on the base date	B _n - Cost per unit quantity on the first day of the month in which the material is brought to site or two months prior to the date to which IPC is related	From Refinery
8.	Others	h	O _o - All India Wholesale Price Index(WPI) for all commodities	O _n - All India WPI for all commodities for the month to which IPC is related	Economic Advisor, Ministry of Commerce and Industry, Government of India

IPC – Interim Payment Certificate

¹⁴ The Centre to be specified should be the relevant one for which CPI is published by the Labour Bureau.

¹⁵ The PCC specifies the identified depot for the rate of diesel for the base date and the applicable date for price adjustment.

¹⁶ The PCC specifies the identified refinery for the rate of Bitumen for the base date and the applicable date price adjustment.

Appendix - 3¹⁷
Appointment of Adjudicator

Suggested Draft of **Letter of Appointment of Adjudicators** in civil works contracts

Sub: _____ (Name of the Contract)

To

Name and address of the Adjudicator

We hereby confirm your appointment as Adjudicator for the above contract to carry out the assignment specified in this Letter of Appointment.

For administrative purpose _____ (*name of the officer representing the Employer*) has been assigned to administer the assignment and to provide the Adjudicator with all relevant information needed to carry out the assignment on behalf of both the employer and the contractor. The services will be required during the period of contract for the work of (Name of the Contract) _____.

The Adjudicator shall visit the worksite once in 3 (three) months till the completion of the work indicated above or as specifically requested by Employer/ Contractor for the period up to the end of defects liability period with prior intimation to the Employer and the contractor. The duration of each visit shall ordinarily be for one day only. These durations are approximate and (*Name of the employer and Name of the Contractor*) may find it necessary to postpone or cancel the assignment and/or shorten or extend the duration.

The appointment will become effective upon confirmation of letter by you. The appointment of Adjudicator shall be liable for termination under a 30 (thirty) days written notice from the date of issue of the notice, if both Employer and the Contractor so desire. Also, the appointment shall automatically stand terminated 14 days after the defect notice / correction period as stated in Clauses 23 and 24 of the Conditions of Contract is over.

The Adjudicator will be paid a fee of Rs. _____ (Rupees _____ only) per each day of visit at the worksite. The actual expenses for boarding and traveling in connection with the assignment will be reimbursed to the Adjudicator. The Adjudicator will submit a pre-receipted bill in triplicate to the employer indicating the date of the visit, fees for the visit and a proof in support of the actual expenditure [only for items valued above Rs. 500 each] incurred by him against boarding, lodging and traveling expenses after performing the visit on each occasion. The Employer will make the admissible payment (both the Employer's and the Contractor's share) to the Adjudicator within 30 days of the receipt of the bill. The

¹⁷ If ITB 51 makes provision of an Adjudicator from list provided by an institution, kindly modify Appendix 3 to state that the fee and reimbursable payable to the adjudicator shall be as per the rules of the Institution.

Contractor's share on this account (half the paid amount) will be recovered by the Employer from the Contractor's bills against the work.

In accepting this assignment, the Adjudicator should understand and agree that he is responsible for any liabilities and costs arising out of risks associated with travel to and from the place of emergency repatriation, loss or damage to personal/professional effects and property. The Adjudicator is advised to effect personal insurance cover in respect of such risks if he does not already have such cover in place. In this regard, the Adjudicator shall maintain appropriate medical, travel, accident and third-party liability insurance. The obligation under this paragraph will survive till termination of this appointment.

Procedures for resolution of disputes by the Adjudicator is described in the contract of _____ (name of the contract) between the employer and the contractor vide Clause No. 24 of the General Conditions of Contract. Your recommendation should be given in the format attached, within 28 days of receipt of a notification of dispute.

The Adjudicator will carry out the assignment in accordance with the highest standard of professional and ethical competence and integrity, having due regard to the nature and purpose of the assignment, and will conduct himself in a manner consistent herewith. After visiting the worksite, the Adjudicator will discuss the matter with the Employer and if necessary with the Contractor before arriving at any decision.

The Adjudicator will agree that all knowledge and information not within the public domain, which may be acquired while carrying out this service shall be all time and for all purpose, regarded as strictly confidential and held in confidence, and shall not be directly or indirectly disclosed to any party whatsoever, except with the permission of the employer and the contractor. The Adjudicator's decision should be communicated in the form of a speaking order specifying the reasons.

The Adjudicator will agree that any manufacturing or construction firm with which he might be associated with, will not be eligible to participate in bidding for any goods or works resulting from or associated with the project of which this consulting assignment forms a part

Read and Agreed

Name of Adjudicator

Signature

Place:

Date:

Name of Employer

Signature of authorized representative of Employer

Name of the Contractor

Signature of authorized representative of Contractor

Attachment: Copy of contract document between the employer and contractor and format for recommendation.

SUMMARY OF ADJUDICATOR'S RESPONSIBILITIES

The Adjudicator has the following principal responsibilities:

1. Visit the site periodically.
2. Keep abreast of job activities and developments.
3. Encourage the resolution of disputes by the parties.
4. When a dispute is referred to it, conduct a hearing (no legal presentation), complete its deliberations, and prepare recommendations in a professional and timely manner (as per sample format)

Sample Format of Adjudicator's Recommendation

[Project Name] Recommendation of Adjudicator

Dispute No. XX [NAME OF DISPUTE]

Hearing Date: _____

Dispute

Description of dispute. A one or two sentence summation of the dispute.

Contractor's Position

A short summation of the contractor's position as understood by the Adjudicator.

Employer's Position

A short summation of the Employer's position as understood by the Adjudicator.

Recommendation

The Adjudicator's specific recommendation for settlement of the dispute. *(The recommended course is consistent with the explanation).*

Explanation

(This section could also be called Considerations, Rationale, Findings, Discussion, and so on.)

The Adjudicator's description of how each recommendation was reached.

Respectfully submitted,

Date : _____

Date : _____

Date : _____

Section X - Contract Forms

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security, ES performance security if applicable, and Advance Payment Security, when required, shall only be completed by the successful Bidder after the contract award.

NOTIFICATION OF AWARD

Letter of Acceptance

[on letterhead paper of the Employer]

[The Letter of Acceptance shall be the basis for formation of the Contract as described in ITB Clause 47. This Standard Form of Letter of Acceptance shall be filled in and sent to the successful Bidder only after evaluation of bids has been completed, subject to any review by the World Bank required under the Loan Agreement.]

..... *[date]*

To: *[name and address of the Contractor]*

Subject: *[Notification of Award Contract No]*

This is to notify you that your Bid dated *[insert date]* for execution of the
 *[insert name of the contract and identification number, as given in the PCC]* . .
 for the Accepted Contract Amount of *[insert amount in numbers
 and words]*, as corrected and modified¹⁸ in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish the Performance Security, plus additional security for unbalanced bids in terms of ITB Clause 41, and ES Performance Security *[Delete ES Performance Security if it is not required under the contract]* in the form detailed in ITB Clause 50 for amounts¹⁹ of Rs. , and Rs. specified therein, within 21 days of the receipt of this letter of acceptance, and visit this office to sign the contract, failing which action as stated in ITB Clause 50.2 will be taken in accordance with the Conditions of Contract. The securities shall be valid up to 28 days from the date of completion i.e. up to and shall be as per the Performance Security Form and the ES Performance Security Form *[Delete reference to the ES Performance Security Form if it is not required under the contract]*, included in Section X - Contract Forms, of the bidding document.

[Choose one of the following statements:]

We accept that _____ *[insert the name of Adjudicator proposed by the Bidder]* be appointed as the Adjudicator²⁰.

¹⁸ Delete "corrected and" or "and modified" if not applicable. See Notes on Standard Form of Agreement, next page.

¹⁹ Insert amounts for (i) Performance Security, plus additional security for unbalanced bids in terms of ITB Clause 41; and (ii) ES Performance Security respectively.

²⁰ To be used only if the Contractor disagrees in the Bid with the Adjudicator proposed by the Employer in the Instructions to Bidders, and has accordingly offered another candidate.

[or]

We do not accept that _____ *[insert the name of the Adjudicator proposed by the Bidder]* be appointed as the Adjudicator, and by sending a copy of this Letter of Acceptance to _____ *[insert name of the Appointing Authority]*, the Appointing Authority, we are hereby requesting such Authority to appoint the Adjudicator in accordance with ITB 51.1 and GCC 23.1²¹.

We note that as per your bid, you do not intend to subcontract any component of work.

[OR]

We note that as per your bid, you propose to employ M/s. as sub-contractor for executing

We have reviewed the construction methodology submitted by you along with the bid in response to ITB Clause 16 and our comments are given in the attachment. You are requested to submit a revised Program including ES requirements as per Clause 30 of General Conditions of Contract within 14 days of receipt of this letter of acceptance.

Authorized Signature:

Name and Title of Signatory:

Name of Agency:

²¹ To be used only if the Contractor disagrees in the Bid with the Adjudicator proposed by the Employer in the ITB, has accordingly offered another candidate, and the Employer does not accept the counterproposal.

Issue of Notice to proceed with the work

(Letterhead of the Employer)

_____ (date)

To

_____ (name and address of the Contractor)

Dear Sirs:

Pursuant to your furnishing the requisite securities as stipulated in ITB clause 50.1, insurance policy as per GCC 13, construction methodology as stated in letter of acceptance and signing of the contract agreement for the construction of _____ @ a Bid Price of Rs. _____, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

(Signature, name and title of
signatory authorized to sign on
behalf of Employer)

Attachment: Contract Agreement

Contract Agreement

THIS AGREEMENT made theday of,, between
 . *[name of the Employer]*. (hereinafter “the Employer”), of the one part, and
 . . *[name of the Contractor]*.(hereinafter “the Contractor”), of the other part:

WHEREAS the Employer desires that the Works known as *[name of the Contract]* .
 . . . should be executed by the Contractor, and has accepted a Bid by the Contractor for the
 execution and completion of these Works and the remedying of any defects therein,

The Employer and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
 - (i) This Agreement
 - (ii) the Letter of Acceptance
 - (iii) the Contractor’s Bid including priced bill of quantities²²,
 - (iv) the addenda Nos _____(if any)
 - (v) the Particular Conditions
 - (vi) the General Conditions of Contract, including appendix;
 - (vii) the Specification
 - (viii) the Drawings
 - (ix) Construction Program, Methodology, Quality Assurance Program, the ES Management Strategies and Implementation Plans, and Code of Conduct for Contractor’s Personnel (ES)
 - (x) Joint Venture Agreement [for JVs only]; and
 - (xi) any other document **listed in the PCC** as forming part of the Contract.
3. In consideration of the payments to be made by the Employer to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Employer to execute

²² In lump sum contracts, delete “Bill of Quantities” and replace with “Activity Schedule.”

the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of India on the day, month and year specified above.

Signed by:
for and on behalf of the Employer

Signed by:
for and on behalf the Contractor

in the
presence of:
Witness, Name, Signature, Address,
Date

in the
presence of:
Witness, Name, Signature, Address, Date

Performance Security - Bank Guarantee
[including Additional Performance Security for unbalanced bids]
[Guarantor letterhead or SWIFT identifier code]

Performance Guarantee No..... *[insert guarantee reference number]*

Date..... *[insert date of issue of the guarantee]*

To: _____ *[name of Employer]*

_____ *[address of Employer]*

WHEREAS _____ *[name and address of Contractor²³]* (hereinafter called "the Applicant") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ *[name of Contract and brief description of Works]* (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Applicant shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Applicant such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Applicant, up to a total of _____ *[amount of guarantee²⁴]* _____ *[in words]*, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ *[amount of guarantee]* as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Applicant before presenting us with the demand.

²³ *In the case of a JV, insert the name of the Joint Venture*

²⁴ *An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract less provisional sums, if any, plus additional performance security for unbalanced bids if any, and denominated in Indian Rupees.*

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between you and the Applicant shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until²⁵, and any demand for payment under it must be received by us at this office on or before that date.

Signature and seal of the guarantor _____

Name of Bank _____

Address _____

Date _____

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

²⁵ *Insert the date twenty-eight days after the expected completion date as described in GC Clause 53.1. The Employer should note that in the event of an extension of this date for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Employer might consider adding the following text to the form, at the end of the penultimate paragraph: “The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months][one year], in response to the Employer’s written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee*

Environmental and Social (ES) Performance Security (NA)
ES – Bank Guarantee

[Guarantor letterhead or SWIFT identifier code]

ES Performance Guarantee No.: *[Insert guarantee reference number]*

Date..... *[insert date of issue of the guarantee]*

To: _____ *[name of Employer]*

_____ *[address of Employer]*

WHEREAS _____ *[name and address of Contractor²⁶]* (hereinafter called "the Applicant") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ *[name of Contract and brief description of Works]* (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Applicant shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his Environmental and/or Social (ES) obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Applicant such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Applicant, up to a total of _____ *[amount of guarantee²⁷]* _____ *[in words]*, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ *[amount of guarantee]* as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Applicant before presenting us with the demand.

²⁶ *In the case of a JV, insert the name of the Joint Venture*

²⁷ *An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract less provisional sums, if any, and denominated in Indian Rupees.*

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between you and the Applicant shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until²⁸, and any demand for payment under it must be received by us at this office on or before that date.

Signature and seal of the guarantor _____

Name of Bank _____

Address _____

Date _____

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

²⁸ *Insert the date twenty-eight days after the expected completion date as described in GC Clause 53.1. The Employer should note that in the event of an extension of this date for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Employer might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months][one year], in response to the Employer's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee"*

Advance Payment Security Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

Advance Payment Guarantee No..... *[insert guarantee reference number]*

Date..... *[insert date of issue of the guarantee]*

To: _____ *[name of Employer]*
 _____ *[address of Employer]*
 _____ *[name of Contract]*

Gentlemen:

In accordance with the provisions of the Conditions of Contract, Sub-clause 53.1 ("Advance Payment") of the above-mentioned Contract, _____ *[name and address of Contractor²⁹]* (hereinafter called "the Applicant") shall deposit with _____ *[name of Employer]* a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of _____ *[amount of guarantee³⁰]* _____ *[in words]*.

We, the _____ *[bank or financial institution]*, as instructed by the Applicant, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to _____ *[name of Employer]* on his first demand without whatsoever right of objection on our part and without his first claim to the Applicant, in the amount not exceeding _____ *[amount of guarantee]* _____ *[in words]*.

We further agree that no change or addition to or other modification of the terms of the Contract or of Works to be performed thereunder or of any of the Contract documents which may be made between _____ *[name of Employer]* and the Applicant, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

²⁹ In the case of a JV, insert the name of the Joint Venture

³⁰ An amount shall be inserted by the bank representing the amount of the Advance Payment, and denominated in Indian Rupees.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ *[name of Employer]* receives full repayment of the same amount from the Applicant. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

Yours truly,

Signature and seal: _____

Name of Bank: _____

Address: _____

Date: _____

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

Retention Money Security
Demand Guarantee
[Guarantor letterhead or SWIFT identifier code]

We have been informed that _____ (hereinafter called "the Applicant") has entered into Contract No. _____ dated _____ with you, for the execution of _____ (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, when the Taking-Over Certificate has been issued for the Works and the first half of the Retention Money has been certified for payment, payment of _____ the second half of the Retention Money is to be made against a Retention Money guarantee.

At the request of the Applicant, we _____ hereby irrevocably undertake to pay you the sum or sums not exceeding in total an amount of _____ (_____) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Applicant is in breach of its obligation under the Contract without cavil or argument.

³¹ *In the case of a JV, insert the name of the Joint Venture*

³² *The Guarantor shall insert an amount representing the amount of the second half of the Retention Money or if the amount guaranteed under the Performance Guarantee when the Taking-Over Certificate is issued is less than half of the Retention Money, the difference between half of the Retention Money and the amount guaranteed under the Performance Security.*

It is a condition for any claim and payment under this guarantee to be made that the payment of the second half of the Retention Money referred to above must have been received by the Applicant on its account number _____ at _____

This guarantee shall expire, at the latest, 21 days after the date when the Employer has received a copy of the Defects Liability Certificate issued by the Project Manager. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.