

REQUEST FOR QUOTATION (RFQ)

RFQ Reference: RFQ/038/IND 2021	Date: 30 April 2021
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Subject: Proposed renovation work in Lodhi Colony.

SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP kindly requests your quotation for the provision of works as detailed in Annex 1 of this RFQ.

This Request for Quotation comprises the following documents:

Section 1: This request letter

Section 2: RFQ Instructions and Data

Annex 1: Schedule of Requirements

Annex 2: Quotation Submission Form

Annex 3: Technical and Financial Offer

Annex 4: Drawings

When preparing your quotation, please be guided by the RFQ Instructions and Data. Please note that quotations must be submitted using Annex 2: Quotation Submission Form and Annex 3 Technical and Financial Offer, by the method and by the date and time indicated in Section 2. It is your responsibility to ensure that your quotation is submitted on or before the deadline. Quotations received after the submission deadline, for whatever reason, will not be considered for evaluation.

Thank you and we look forward to receiving your quotations.

Issued by:

Signature: _____

Name: Arun Arumughan

Title: Procurement Analyst

Date: 30 April 2021

SECTION 2: RFQ INSTRUCTIONS AND DATA

Introduction	<p>Bidders shall adhere to all the requirements of this RFQ, including any amendments made in writing by UNDP. This RFQ is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement</p> <p>Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this RFQ.</p> <p>UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website.</p>
Deadline for the Submission of Quotation	<p>May 13, 2021</p> <p>If any doubt exists as to the time zone in which the quotation should be submitted, refer to http://www.timeanddate.com/worldclock/.</p> <p>For eTendering submission - as indicated in eTendering system. Note that system time zone is in EST/EDT (New York) time zone.</p> <p>PLEASE NOTE: -</p> <ol style="list-style-type: none"> 1. Date and time visible on the main screen of event (on e-tendering portal) will be final and prevail over any other closing time indicated elsewhere, in case they are different. Please also note that the bid closing time shown in the PDF file generated by the system is not accurate due to a technical glitch that we will resolve soon. The correct bid closing time is as indicated in the e-tendering portal and system will not accept any bid after that time. It is the responsibility of the bidder to make sure bids are submitted within this deadline. UNDP will not accept any bid that is not submitted directly in the system. 2. Try to submit your bid a day prior or well before the closing time. Do not wait until last minute. If you face any issue submitting your bid at the last minute, UNDP may not be able to assist.
Method of Submission	<p>Quotations must be submitted as follows:</p> <p><input checked="" type="checkbox"/> E-tendering</p> <p>Bid submission address: Online UNDP E-tendering Portal</p> <ul style="list-style-type: none"> ▪ File Format: PDF files only ▪ File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard. ▪ All files must be free of viruses and not corrupted. ▪ Max. File Size per transmission: 10 MB ▪ It is recommended that the entire Quotation be consolidated into as few attachments as possible. ▪ The bidder should receive an email acknowledging email receipt. <p>[For eTendering method, click the link https://etendering.partneragencies.org]</p> <p>Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link: http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/</p>
Cost of preparation of quotation	<p>UNDP shall not be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.</p>

Supplier Code of Conduct, Fraud, Corruption,	<p>All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes principles on labour, human rights, environment and ethical conduct may be found at: https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</p> <p>Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_an_dinvestigation.html#anti</p>
Gifts and Hospitality	<p>Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p>
Conflict of Interest	<p>UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified.</p> <p>Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ.</p> <p>The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
General Conditions of Contract	<p>Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the General Conditions of Contract</p> <p><input checked="" type="checkbox"/> General Terms and Conditions for Works</p> <p>Applicable Terms and Conditions and other provisions are available at UNDP/How-we-buy</p>
Special Conditions of Contract	<p><input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by [8 Weeks]</p>
Eligibility	<p>A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.</p> <p>It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p>

	Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.
Currency of Quotation	<p>Quotations shall be quoted in:</p> <p>Preferred Currency of Bid : Indian Rupees (INR)</p> <p>Bids in other currency also allowed.</p> <p>Reference date for determining UN Operational Exchange Rate : Date of bid submission.</p>
Joint Venture, Consortium or Association	<p>If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture, Consortium or Association.</p> <p>Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
Only one Bid	<p>The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association.</p> <p>Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <p>a) they have at least one controlling partner, director or shareholder in common; or</p> <p>b) any one of them receive or have received any direct or indirect subsidy from the other/s; or</p> <p>c) they have the same legal representative for purposes of this RFQ; or</p> <p>d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this RFQ process;</p> <p>e) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or</p> <p>f) some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.</p>
Duties and taxes	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below:</p> <p>All prices must:</p> <p><input type="checkbox"/> be inclusive of GST and other applicable indirect taxes</p> <p><input checked="" type="checkbox"/> be exclusive of GST and other applicable indirect taxes</p>
Language of quotation	<p>English</p> <p>Including documentation including catalogues, instructions and operating manuals.</p>

Documents to be submitted	<p>Bidders shall include the following documents in their quotation:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed <input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1 <input checked="" type="checkbox"/> Company Profile. <input checked="" type="checkbox"/> Registration certificate; <input checked="" type="checkbox"/> Documents showing that the bidder has an experience of a minimum of two (2) years and have executed atleast two (2) similar assignment – proof of purchase/work order is to be submitted plus client’s contact details who may be contacted for further information on those contracts; <input checked="" type="checkbox"/> Statement of satisfactory Performance (Certificates) from the top two clients in terms of Contract value in similar field;
Quotation validity period	Quotations shall remain valid for 90 days from the deadline for the Submission of Quotation.
Price variation	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.
Partial Quotes	<input checked="" type="checkbox"/> Not permitted
Alternative Quotes	<input checked="" type="checkbox"/> Not permitted
Payment Terms	<p>UNDP will follow the below given payment schedule.</p> <p>I.To keep work progress schedule in line with agreement, minimum value of work to be billed through interim invoices will not be less than INR 10,00,000 (INR Ten Lakhs). The bill will be processed after verification from Engineer and endorsement by Project Manager.</p> <p>II.Final settlement to be processed upon completion of work and certification from Engineer and endorsement by Programme Officer.</p>
Conditions for Release of Payment	<input checked="" type="checkbox"/> Written Acceptance of Goods, Services and Works, based on full compliance with RFQ requirements
Contact Person for correspondence, notifications and clarifications	<p>E-mail address: vijay.thapliyal@undp.org</p> <p>Any delay in UNDP’s response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.</p>
Clarifications	Requests for clarification from bidders will not be accepted any later than 2 days before the submission deadline. Responses to request for clarification will be communicated thru email/ Posted directly to eTendering portal.
Evaluation method	<input checked="" type="checkbox"/> The Contract or Purchase Order will be awarded to the lowest price substantially compliant offer

Evaluation criteria	<input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1 <input checked="" type="checkbox"/> Full acceptance of the General Conditions of Contract <i>Compliance on the following requirements</i> <input checked="" type="checkbox"/> Registration certificate; <input checked="" type="checkbox"/> Documents showing that the bidder has an experience of a minimum of two (2) years and have executed atleast two (2) similar assignment – proof of purchase/work order is to be submitted plus client’s contact details who may be contacted for further information on those contracts; <input checked="" type="checkbox"/> Statement of satisfactory Performance (Certificates) from the top two clients in terms of Contract value in similar field;
Right not to accept any quotation	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
Right to vary requirement at time of award	At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.
Type of Contract to be awarded	<input checked="" type="checkbox"/> Contract for Works
Expected date for contract award.	20 May 2021
Publication of Contract Award	UNDP will publish the contract awards valued at USD 100,000 and more on the websites of the CO and the corporate UNDP Web site.
Policies and procedures	This RFQ is conducted in accordance with UNDP Programme and Operations Policies and Procedures
UNGM registration	<p>Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at www.ungm.org.</p> <p>The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.</p>

ANNEX 1: SCHEDULE OF REQUIREMENTS

Proposed renovation work in Lodhi Colony.

Duration of the assignment: 5 Weeks from the issue of the contract

S. No	DESCRIPTION
1	CIVIL & INTERIOR WORKS
2	ELECTRICAL Works with Light Fixture
3	HVAC Works (Low Side)
4	Plumbing
5	NETWORKING (Passive Work) -AMP BOM
6	NETWORKING (Passive Work) - Local Material
7	CCTV & Access Control system
8	Special IT related Requirements

CIVIL & INTERIOR WORKS
Dismantling/removal structures at existing site.
BRICK WALL (115mm)
WATERPROOFING
RACEWAY REPAIR
MAKING CHEMICAL CORE CUT IN SLAB
Anti-Termite Treatment
Vitrified Tile
WALL TILE
DRY WORKS
<i>Partitions and Wall Cladding</i>
S1 LAMINATE SKIN
GLASS PARTITION WITH KUBIK FRAME
SUPPORT ABOVE GLASS PARTITION
PROVIDING & FIXING LOGO
<i>Ceiling & flooring</i>
GYPSUM CEILING
PELMET
ACOUSTIC GRID CEILING TILES (WHITE)
TRAP DOORS
<i>Doors</i>
Glass Stile Door & Kubik Frame
Double Glass Doors(1000 X 2400)
Glass Door(1000 X 2400)
Toilet Flush Door(780 X 2100)
FINISHES
Paints and finishes
ACRYLIC EMULSION PAINT

CIVIL & INTERIOR WORKS
POLISH
Fabric panelling
FROSTING FILM
BLINDS
Fire Extinguisher -
FURNITURE
Chairs for staff members
WORKSTATIONS
DESKING SYSTEM
Planter Storage

ELECTRICAL WORKS
CIRCUIT CUM POINT WIRING
CONDUITING: MS CONDUITS
WIRING
MCB/ MCCB Boxes - Indoor enclosure for UPS:
WIRING FOR POP-UP BOXES
POP-UP BOX
Wiring for IT Racks for Server and Hub rooms.
CONDUITING & RACEWAYS FOR VOICE/ DATA (N/W) & TV SYSTEM:
CONDUITING FOR VOICE/ DATA & TV OUTLETS (IN CASE CONCEALED):
GI OUTLET BOXES FOR VOICE/ DATA FACE PLATES:
TV CORD OUTLET
TV CO-AXIAL CABLE
GI RACEWAY
IN FLOOR/ SCREED RACEWAY
CEILING RACEWAY
LT CABLES & SUB MAINS
SUPPLY OF CABLES
LAYING OF CABLES
CABLE TERMINATION
PERFORATED CABLE TRAY
CABLE TRAY SUPPORTS
EARTHING SYSTEM
COPPER EARTHING
SINGLE CORE COPPER ARMoured CABLE EARTHING:
SINGLE CORE COPPER UNARMoured CABLE EARTHING:
COPPER PLATE EARTHING - EARTH PIT
SLEEVES
DISTRIBUTION BOARDS & PANELS
Final Distribution Boards
UPS Power DB - 10 Way TPN DB
Incomer

ELECTRICAL WORKS
Phase control
Outgoings
TVSS
SUPPLY & Fixing OF LIGHTING FIXTURES & FANS
Wall Hanging Fans

HVAC
Daikin Split air conditioners
Supply of Angle stand for outdoor units.
Providing and fixing of drain water piping with mild PVC
polypack necessary fitting flanges,
Supply of Copper Piping Between Indoor to Outdoor Unit.

PLUMBING WORKS
SANITARY WARE AND CP FITTINGS
European Water closet - wall mounted
Urinal
Wash basin
PVC FLOOR TRAP

AMP BOM
AMP cables
AMP I/O's and Face plates
AMP Jack Panels
AMP Patch Cords

Local Material
HDPE Pipe & Conduits
Labels
Installation Charges (UTP)
Installation of Conduits & Gang box

CCTV & ACCESS CONTROL
IP BASED CCTV SYSTEM

Special IT requirements
APC ONLINE UPS
TV
Dell desktop
WIFI Routers
Complete solution of video Conferencing with their system excluding display

Note:

1. Refer ANNEX 3: FINANCIAL OFFER for detailed specifications and quantity.
2. The rates shall include for all costs associated with the works.
3. The supplier will be responsible for protection of materials, property and equipment before successful delivery and handover to UNDP.

Terms & condition

1. Water, Electricity, Space shall be provided by client to work.
2. Any legal formalities with Authority & Others shall be borne by client.
3. Design/Material choice-Lead time within 48 hours.

Delivery Requirements

Delivery Requirements	
Delivery date and time	Bidder shall complete the works within 5 Weeks from the issuance of Contract.
Delivery Terms (INCOTERMS 2020)	DAP
Customs clearance (must be linked to INCOTERM)	Shall be done by: <input checked="" type="checkbox"/> Supplier/bidder
Exact Address(es) of Delivery Location(s)	Detailed addresses will be provided at the time of award of contract.
Distribution of shipping documents (if using freight forwarder)	Not Applicable
Packing Requirements	Not Applicable
Training on Operations and Maintenance	Not Applicable
Warranty Period	12 months from the date of handing over of the site
After-sales service and local service support requirements	Not Applicable
Preferred Mode of Transport	Not Applicable

ANNEX 2: QUOTATION SUBMISSION FORM

Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:		
RFQ reference:	RFQ/038/IND 2021	Date:

Company Profile

Item Description	Detail
Legal name of bidder or Lead entity for JVs	
Legal Address, City, Country	
Website	
Year of Registration	
Legal structure	
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, insert UNGM Vendor Number
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) <i>(If yes, provide a Copy of the valid Certificate):</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? <i>(If yes, provide a Copy of the valid Certificate):</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company have a written Statement of its Environmental Policy? <i>(If yes, provide a Copy)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues <i>(If yes, provide a Copy)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Is your company a member of the UN Global Compact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Bank Information	Bank Name: Bank Address: IBAN: SWIFT/BIC: Account Currency: Bank Account Number:			
Previous relevant experience				
Name of previous contracts	Client & Reference Contact Details including e-mail	Contract Value	Period of activity	Types of activities undertaken

Bidder's Declaration

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Requirements and Terms and Conditions: I/We have read and fully understand the RFQ, including the RFQ Information and Data, Schedule of Requirements, the General Conditions of Contract, and any Special Conditions of Contract. I/we confirm that the Bidder agrees to be bound by them.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm that the Bidder has the necessary capacity, capability, and necessary licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant Contract period.
<input type="checkbox"/>	<input type="checkbox"/>	Ethics: In submitting this Quote I/we warrant that the bidder: has not entered into any improper, illegal, collusive or anti-competitive arrangements with any Competitor; has not directly or indirectly approached any representative of the Buyer (other than the Point of Contact) to lobby or solicit information in relation to the RFQ ;has not attempted to influence, or provide any form of personal inducement, reward or benefit to any representative of the Buyer.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm to undertake not to engage in proscribed practices, , or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we have read the United Nations Supplier Code of Conduct : https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN.
<input type="checkbox"/>	<input type="checkbox"/>	Conflict of interest: I/We warrant that the bidder has no actual, potential, or perceived Conflict of Interest in submitting this Quote or entering a Contract to deliver the Requirements. Where a Conflict of Interest arises during the RFQ process the bidder will report it immediately to the Procuring Organisation's Point of Contact.
<input type="checkbox"/>	<input type="checkbox"/>	Prohibitions, Sanctions: I/We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.
<input type="checkbox"/>	<input type="checkbox"/>	Bankruptcy: I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Offer Validity Period: I/We confirm that this Quote, including the price, remains open for acceptance for the Offer Validity.
<input type="checkbox"/>	<input type="checkbox"/>	I/We understand and recognize that you are not bound to accept any Quotation you receive, and we certify that the goods offered in our Quotation are new and unused.
<input type="checkbox"/>	<input type="checkbox"/>	By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the Organization/s to make this declaration on its/their behalf.

Signature: _____

Name:

Title:

Date:

ANNEX 3: TECHNICAL AND FINANCIAL OFFER – WORKS

Bidders are requested to complete this form, sign it and return it as part of their quotation along with Annex 2 Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:		
RFQ reference:	RFQ/038/IND 2021	Date:

Technical Offer

Provide the following:

- a brief description of your qualification and capacity that is relevant to the Scope of Works;
- a brief method statement and implementation plan;
- a brief about following of COVID protocol by Labours and staff during the contract execution

Financial Offer

Table 1: Summary of Overall Prices

Description	Amount (in INR)
CIVIL & INTERIOR WORKS (from Table 2)	
ELECTRICAL Works (from Table 3)	
HVAC Works (from Table 4)	
Plumbing (from Table 5)	
NETWORKING - AMP BOM (from Table 6)	
NETWORKING - Local Material (from Table 7)	
CCTV & Access Control system (from Table 8)	
Special IT related Requirements (from Table 9)	
<i>Any other cost, if any</i>	
TOTAL (without tax/duty)	
Duty/ Tax (Nature and amount of each tax / duty component should be clearly specified)	

Table 2 - CIVIL & INTERIOR WORKS

CIVIL & INTERIOR WORKS					
S No.	Description	Unit	Qty	Unit Rate	Amount
	CIVIL & INTERIOR WORKS				
1	Dismantling/removal and disposal of wooden Partitions & Doors, trucking away all debris out of the building.	LS	1		
2	Removal of existing ceiling lights and placed them as per the client instructions	Nos	35		
3	Removal of existing Roller blinds and placed them as per the client instructions	Nos	10		

CIVIL & INTERIOR WORKS					
S No.	Description	Unit	Qty	Unit Rate	Amount
4	Dismantling of existing brick wall 230mm and removal of debris out of the building	Sqm	R/O		
5	Dismantling of toilet & plumbing fixtures	Nos	5		
6	BRICK WALL (115mm) :- P/F 115mm thk brick work with 1:3 cement-sand mortar including 1:6 cement- sand plaster on both sides. The wall will be tied up with 230 x 230 brick pier after a n interval of every 3.0 meter.	Sqm	R/O		
7	WATERPROOFING:- P/F 12mm levelling plaster on existing floor to receive 3 layers of tapecrete waterproofing with a top layer of 12mm thk protecting plaster. This treatment shall be upto 300mm height on all walls all around waterproof area.	Sqm	R/O		
8	RACEWAY REPAIR:- Repair of raceways with providing & laying 50mm th. 1:2:4 nominal mix cement concrete screed to fill in chases cut in the floor screed after installation of under floor services to fill the void with non shrink expansive cement sand grout with proprietary additives to avoid shrinkage cracks for average 300mm wide raceways.	rmt	R/O		
9	MAKING CHEMICAL CORE CUT IN SLAB :- Making cutout in slab upto to size of 0.5 sqm including cutting reinforcement and making good all opening for other allied works as directed.	EACH	R/O		
10	Anti-Termite Treatment : Providing and supplying/ injecting chemical emulsion for post-constructional anti termite treatment complete as advised.	Sqm	220.00		
11	Vitrified Tile :- Providing and laying 600x600 mm Homogeneous Vitrified floor tiles and laid over with cement mortar without spacer. The rate shall be inclusive of necessary base preparation, cleaning, protection with POP, Plastic sheet etc. complete as per instruction of Project-in -charge. (Make :KAJARIA , SOMANY or Equivalent) (Base Rate : 160/- per Sft)	Sqm	20		
12	WALL TILE :- P/F 600 x 300 mm ceramic wall tiles of shade to architect's approval. The rate shall be inclusive of necessary preparation, cleaning, protection with POP, etc. complete as per instruction of Project-in -charge (Make : "KAJARIA" or Equivalent)	Sqm	R/O		
B.	DRY WORKS				
B-1	Partitions and Wall Cladding				
1	P/F 100 mm thk. gypboard partition comprising of 48 mm proprietary vertical studs, 2 layer of 12.5mm thk gyp board on both sides of 48 mm GI stud, all as per manufacturer's specification ("Saint Gobin/Lafarge" make). Include 50mm thk mineral fibre wool insulation of density 24kg/cum, from raw floor to bottom of slab . (Rate inclusive of horizontal wooden members at 2 level of size 50mmX50mm and GI corner beads, hardwood scantelling and other GI accessories finished with proprietary topcoat ready to receive paint). & closing of cut-out made in the partition for services work etc. Note: bottom of slab is app. +3600; contractor to provide requisite bracing to reinforce partition. Note:- On gypsums wall Glass Fleece (Systexx BY Vitruvan or equivalent) to be pasted before Paint	Sqm	70.00		

CIVIL & INTERIOR WORKS					
S No.	Description	Unit	Qty	Unit Rate	Amount
2	S1 LAMINATE SKIN :- Extra for over and above Item 1 /2 P/F skin type S1 with silk finish laminate of approved colour/shade/design over a 12mm comm. Ply / mdf. With laminated edge binding all around as per the drawing. The MDF / Comm. Ply shall be fixed on to the partition/ panel with dry wall screws.	Sqm	25.00		
3	GLASS PARTITION WITH KUBIK FRAME :- Providing and fixing 12 mm thk toughened glass fixed all around kubik frame. Rate shall be inclusive all hardware with complete as directed.	Sqm	15		
4	SUPPORT ABOVE GLASS PARTITION :- Providing vertical closing and support above false ceiling over glass partition and doors having 12.5mm thick gypsum board (as shown in dwg) without paint finish. The layers of gypsum board to be fixed one on either side of GI framing by having glass wool sandwiched. The rate shall be inclusive of providing 50mm thick resin bonded glass wool of density 24kg/cum over the false ceiling board. Note: bottom of slab is app. +3400; contractor to provide requisite bracing to reinforce glass partitions & doors.	Sqm	5.0		
5	PROVIDING & FIXING LOGO :- of size 1500X400mm and 25mm thick SS plate as per design & drgs with alphabe(Experion) made in SS including cutting & making of logo to shape as per Architects direction & approval.	Each	1.00		
B-2	Ceiling & flooring				
1	GYPSUM CEILING :- Gypsum board suspended ceiling with proprietary GI steel suspension system as recommended by mfr (INDIA GYPSUM) frames & accessories, 12.5mm thick gyp board sheets, screws, taping, joint grout finished with priming top coat & finished coats of plastic emulsion paint of color as per architects approval. The rate shall be inclusive of making cutout for light fixtures, diffusers, grills etc and making good 12x12mm groove at all junctions of gyp bd ceiling w/ partitions or walls. Include finish inside groove and proprietary GI corner bead as/detail and architect's approval.	Sqm.	120.00		
2	PELMET :- P/F 200 mm wide pelmets in 19mm Comm. Board with hardwood lipping, and fixing to ceiling with hardwood framing complete including painting (as indicated in the drawing) with plastic emulsion paint and vertical black painted 6mm thk. ply to hide above false-ceiling area from visibility Rate to include paint.	Rm	30.00		
3	ACOUSTIC GRID CEILING TILES (WHITE) :-				
	Providing & Fixing of Armstrong Mineral Fibre Acoustical Suspended Ceiling System(1200*300).	sqm	70.00		
	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 300mm to form 1200 x 300 mm module. Perimeter trim to be Armstrong wall angles of size 3000x19x19mm, secured to walls at 450 mm maximum centres.				

CIVIL & INTERIOR WORKS					
S No.	Description	Unit	Qty	Unit Rate	Amount
4	TRAP DOORS :P&F Knauf Danagips make Trap door of various sizes, made out of Aluminium Profile frame with Galvanized Steel Connecting parts .The shutter to be made out of Moisture resistant Gypsum Board 12.5mm,with spring loaded locks, connected to the Steel frame with 1mm safety wire.				
4.1	200mm X 200 mm Trap Door	Each	5		
B3	Doors				
*	Contractor to prepare sample of all door frames, shutters and glazing type for Architects approval.				
*	Contractor to submit sample board for all hardware for Architects approval.				
*	All laminate to be 1mm thick as approved by the Architects				
*	Contractor shall provide all necessary protection of glass until handover.				
*	All glass doors/windows to be 12mm thick clear float tempered glass with mirror polished edges.				
*	Joints between glazing in door/ windows to have silicon sealants.				
*	Glass in patch fitting door/windows to be 12mm thick with clear float tempered glass with mirror polished edges.				
	Glass Stile Door & Kubik Frame				
1	Double Glass Doors(1000 X 2400):- Providing & fixing frameless glazed door shutters using 12 mm thick toughened glass with all necessary hardware required & necessary floor / glass cutting, making holes etc complete as per design & detailed drawings.The door will be fixed on Dorma MAKE fitting top patch PT-20 , bottom patch PT-10 ,Floor Spring - TS 500 NV , corner lock PL- 50 with lock keeper plate , top pivot , door handle -H handle 8133001 as approved	Nos	2		
2	Glass Door(1000 X 2400):- Providing & fixing frameless glazed door shutters using 12 mm thick toughened glass with all necessary hardware required & necessary floor / glass cutting, making holes etc complete as per design & detailed drawings.The door will be fixed on Dorma MAKE fitting top patch PT-20 , bottom patch PT-10 ,Floor Spring - TS 500 NV , corner lock PL- 50 with lock keeper plate , top pivot , door handle -H handle 8133001 as approved	Nos	6		
2	Toilet Flush Door(780 X 2100):- Providing and fixing of Solid doors shutters of 35mm thick solid core shutters with 1mm thick textured laminate on both sides of approved make shade as per design , having high quality stainless steel door handle , locking mechanism , SS hinges , door closer , door stopper as per approved and mellamine polished beading on edges as & wherever required, complete in all respects. The door will be fixed on Dorma fitting as SS Hinges - 4" x 3" x 3 mm , door stopper - Half Moon, door closer -TS 1500, lock mechanism with key & 60 mm dead lock/ EPC, SS Handle - H Handle 8133001.	Nos	5		
C	FINISHES				
C1	Paints and finishes				

CIVIL & INTERIOR WORKS					
S No.	Description	Unit	Qty	Unit Rate	Amount
1	ACRYLIC EMULSION PAINT :- (As per finishing schedule) - Painting with ICI Dulux of approved shade and colour of ICI dulux or equivalent make, sand papering the surface, then applying a one coat of primer, then applying two coat of Putti, again sand papering the surface and applying the three coat of paint with roler finish(Basic rate for paint 175/Litre)	Sqm	220		
2	POLISH :- Providing & applying melanine polish on existing wood/Veneer as per the approved sample. Complete in all respect with base preparation, sealer treatment etc. as directed by Architect	Sqm	R/O		
3	Fabric panelling - Providing and fixing fabric panelling over commercial ply base and pinnable cellotex board to be installed as per design and drawing including grippers channels, per manufacturers specification. (BR of fabric to be taken as Rs 300/rmt)	Sqm	10		
4	FROSTING FILM : Providing and fixing of Glass decorative film of 3M make with Etched pattern, matching to the existing glass doors and sample as approved by the Architect over the Glass panels of internal glazings and doors etc. Care shall be taken while fixing, there shall not be any wrinkles or air bubbles in between the film and the glass	sqm	R/O		
5	SS PROFILE:- Providing and fixing SS Brushed finish profile on joints between 2 different floor Finishes as required by architect in straight / curve shape.	Rmt	8		
6	BLINDS : Providing & fixing Black Out Roller blinds confirming to following specifications. The Drive units -Shall be of moulded plastic with rectangular support pin and inserted into the tube end .It shall be driven by a ball chain pulley with ball chain and can be positioned at right hand or left hand side of the shade.The shade when lowering or raising ,shall be automatically locked in position upon release of the ball chain by means of built in friction lock. End Plug -Shall be moulded of plastic with allocation pin .The plug shall be inserted into tube end.(Opposite to drive unit). Support Brackets -Shall be of zinc plated steel & provided with moulded plastic covers and used in right hand or left hand positions differentiated by the acceptance of the rectangular drive unit support or the round idler plug pin. Bottom Rails -Shall be stiffening element inserted into a bottom rod pocket. The material may be timber ,PVC covered steel tube or VB bottom rail.	Sqm	90		
7	Fire Extinguisher -				
	ABC Power (5 Kg)	Nos	4		
	CO2 (10 Kg)	Nos	2		
C	FURNITURE				
1	Chairs for staff members (BR to be taken as Rs 10000/- each) - Material & colors will be selected by clinet/Architect	Nos	25.00		
	Providing and fixing of chairs for workstation and Meeting room.				
	Back Height From Ground Level: 1060±20mm.Nylon mesh with metal frame.Metal black P/c pipe frame. Frame pipe (oval shaped) dimension: 35 X 15 mm.Nylon mesh GSM: 375.				

CIVIL & INTERIOR WORKS					
S No.	Description	Unit	Qty	Unit Rate	Amount
	Seat Height From Ground Level: 420±20mm.Seat with moulded Ply, PU moulded foam and leatherite/fabric upholstery. Seat thickness 60mm.Moulded ply thickness:12mm.Moulded PU foam density: 45-50 kg/m3.				
	Space between Handle to Handle: 440±20mm.				
	Seat: Width: 470±10mm, Depth: 480±15mm.				
	Back: Width: 470±10mm, Height: 700±15mm. 2D armrest. Soft PU armrest pad with chrome plated m.s..tubular support (40mm dia.). Height from seat top 265±10mm.Height adjustable up to 80mm.Length: 260±5mm, Width: 90±5mm.Synchro single point locking mechanism. Tilt tension adjustment, upright locking. SS base/Chrome plated (m.s.) base. SS pedestal 660±20mm pitch centre dia. (Without castor).Chrome plated pedestal 660±20mm pitch centre dia. (Without castor).Castor: Pin type nylon castor, 50mm dia. Gas Lift: Height adjustment up to 100mm.Gas Lift Cover: Three piece telescopic type & black colour in polypropylene.				
2	WORKSTATIONS				
	SIZE - 1500MMX600X1135MM				
	DESKING SYSTEM: Providing and fixing of Desking workstation system. It is a free standing desking system design to promote team working and easy communication in an open office environment.Various finish like fabric/ laminate/ glass/ marker/ magnetic tack board can be offered with metal frame of 25mm.Work to be complete in all respects and as per detailed drawings and up to the satisfaction of the Architect/ Engineer-in-Charge				
	Partition panel of 1200mm ht with 50mm thickness having upper metal fabric ht 550mm and lower metal tiles ht 550mm and skirting Height of 100mm including M10 x 50mm levellers and have 42mm clear space between 2 tiles for wire management and inside space is around 38mm. The basic frame work is made of Aluminium with thickness of 1.5mm Vertical and horizontal rail is made up of 1.2mm thick aluminium extrusion with 12 mm curvature. All steel part shall be pre treated for 10 stage anti rust treatment and shall be powder coated in matt finish to a thickness of 40-60 microns and all aluminium parts for 8 stage process. The Thickness of the frame shall be 50mm. The thickness of trims and tiles shall not be considered while measuring the thickness of the frame. The post shall be made of aluminium extrusions of 1.2 thickness. All 90 degrees junction of the frames are concealed with PVC Fileers. The rectangular worksurface shall be of size 1500mmW x 750mm & Side Unit of size 900mmW x 450mmD with prelaminated particle board of 25mm thickness and having 2mm thickpvc edge lipping.				
	All metallic parts shall undergo a 10 stage anti rust treatment and shall be powder coated in matt finish to a thickness of 40 – 60 microns. All the hardware items should be as per BIFMA / ANSI standards . All other items as per IS standards.				

CIVIL & INTERIOR WORKS					
S No.	Description	Unit	Qty	Unit Rate	Amount
	WORKTOP: Worktop are off 25mm thick prelam particle board of Merino make with 2mm thick PVC hot pressed edge bending all across the worktop. Worktops are supported on CRCA powder coated legs with finished work surface at 727mm from ground level. Special pre-defined metal inserts are there for better and aligned fitment. All worktops has standard PVC wire manager with BP Ergo logo. Other finish like painted worktop is also available with a premium.				
	LEGS: Leas are made up of 1.2 mm thick CRCA powder coated steel with powder coating of 40-60 microns . All legs of standard width are totally modular and are replaceable with each other.				
	CABLE BEEM: Specially designed cable beam are the integrated part of league system giving concealed wire managements facility. Cable beam are made up of 1.2 mm thick CRCA powder coated steel with snap s hutted cover section for mounting electrical and data points.				
	PEDESTAL/ DRAWER UNIT:- The pedestal/ drawer unit shall have outer dimensions of 680mm height x 360mm width x 450mm depth. The drawer unit shall consist of One pencil tray, 2 drawers and one filing box. It shall be provided with 2 lockable and two free twin wheeled castors.				
	The pedestals shall have central locking mechanism. The drawers and filing box shall be mounted on telescopic ball bearing slides.				
	The pencil tray shall be made of 2mm moulded HIPS and shall be fitted inside the first drawer. It should freely slide in horizontal direction. The pencil tray shall have necessary compartments (Minimum 3 compartments) for keeping stationary items.				
	The fascia of the drawers shall be made of 1.2mm CRCA steel. The body of the of the pedestal shall be made of 0.8mm CRCA steel. The drawer trays shall be made of 0.8mm CRCA steel. The handles shall be PVC moulded and shall be flush fitted.				
2a	1500*600mm workstation with sharing partition	Nos	4		
2b	1500*600mm workstation with non-sharing partition	Nos	7		
3	Planter Storage - Providing and fixing of planter storage in position the following combination of materials all complete and finished over boxing works with 19 mm thick BWP waterproof ply with approved laminate and GI frame/Tray boxing(inside) with necessary primer/paint as per approved sample by the Architect as per drawings including all screws, glues etc and two coat of Anti-termite paint on unexposed wood and ply surfaces. Work to be complete in all respects and as per detailed drawings and up to the satisfaction of the Architect/ Engineer-in-Charge				
	1500*1200*450	Nos	3		
4	Support services by civil contractor to arrange labor and transportation to Pick-up and drop of all the existing furniture	LS	R/O		

CIVIL & INTERIOR WORKS					
S No.	Description	Unit	Qty	Unit Rate	Amount
	like Tables, Chairs, Almirahs and other belongings from 2nd Floor- India Habitat Centre to the site Location.				
	Total (Civil & Interiors)				

Table 3: ELECTRICAL Works

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
A.	CIRCUIT CUM POINT WIRING				
	CONDUITING: MS CONDUITS				
	WIRING: FRLS PVC insulated flexible Copper wires				
	TYPE-1:- Wiring on Point Basis				
Note:	It shall include circuit wire, point wire, earth wire and conduit work of any length from DB to point via switch, switch, socket outlet, metal clad/ moulded outlet and box and complete in all respects and shall be payable on point basis.				
1	Light points wiring:- circuit wiring with 2 x 2.5mm² + 1 x 1.5mm² (Earth) & point wiring with 2 x 1.5mm² + 1 x 1.5mm² (Earth) in 25mm dia conduit .				
i.	All Primary (First) light point controlled by a switch.	Nos.	10		
ii.	All Primary (First) light point controlled by a switch.(circuit wire from DB to (phase) switch and nutral at first light point.	Nos.	5		
iii.	Secondary (Loop) light point looped to first point and so on(Primary point controlled by MCB and Switch).	Nos.	30		
Note:	MCB cost not to be included here.			-	
2	Light points wiring: circuit wiring with 2 x 2.5mm² + 1 x 1.5mm² (Earth) & point wiring with 2 x 2.5mm² + 1 x 1.5 mm² (Earth) in 25mm dia conduit: for Emergency Lighting.			-	
i	Primary (First) light point controlled by a MCB in the DB.	Nos.	5		
ii	Secondary (Loop) light point looped to first point and so on.	Nos.	10		
Note:	MCB cost not to be included here.			-	
3	Ceiling Fans, Exhaust Fans and Inline fans wiring with 2 x 1.5 mm² + 1.5mm² (Earth) in 25mm dia conduit:				

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
i.	Ceiling fan point controlled by a switch and an electronic speed regulator. (Including 150mm dia hexagonal type 1.6mm thick MS sheet fan hook box with fan hook).	Nos.	10		
ii.	Exhaust fan point with 6A, 3 pin wall socket outlet , near the fan and controlled by a switch.	Nos.	2		
iii.	Inline fan point with 6A, 3 pin wall socket outlet, near the fan and controlled by a switch.	Nos.	1		
Note:	Ceiling fans & exhaust fans may be looped to the lighting circuit.			-	
4	Wiring for TV's & on walls or counters/ tables :			-	
i	Wiring with 2 x 2.5 mm² + 1 x 2.5 mm² (Earth) for box / furniture earth wire + 1 x 2.5 mm² (Earth) for 3rd pin earthing for a First set of UPS socket outlets on the work stations/ table/ counter. Wiring partly in conduits & partly in raceway. Raceways to be accounted for separately but conduiting is included here.			-	
a	A set of 2 x 6A Universal UPS socket outlets controlled by a 6Amp switch.(Max 3 outlet in one circuit)	Nos.	2		
ii.	Extra loop point wiring with 2 x 2.5mm² + 1 x 2.5mm² (Earth) for box/ furniture earth wire + 1 x 2.5mm² (Earth) for 3rd pin earthing for a next set of UPS socket outlets on the next work station/ table/ counter wiring to run in furniture wire ways in flexible conduits or as may be required.			-	
a	A set of 2 x 6A Universal UPS socket outlets controlled by a 16Amp switch.	Nos.	1		
9	Wiring for work station UPS socket outlets :				
a.	Wiring with 2 x 2.5 mm² + 1 x 2.5 mm² (Earth) for box / furniture earth wire + 1 x 2.5 mm² (Earth) for 3rd pin earthing for a First set of UPS socket outlets on the work stations/ table/ counter. Wiring partly in conduits & partly in raceway. Raceways to be accounted for separately but conduiting is included here.				
i.	A set of 3 x 6A Universal UPS socket outlets controlled by a 16Amp switch.	Nos.	R/O		
ii.	A set of 2 x 6A Universal UPS socket outlets controlled by a 16Amp switch.	Nos.	R/O		
b.	Extra loop point wiring with 2 x 2.5mm² + 1 x 2.5mm² (Earth) for box/ furniture earth wire + 1 x 2.5mm² (Earth) for 3rd pin earthing for a next set of UPS socket outlets on the next work station/ table/ counter wiring to run in furniture wire ways in flexible conduits or as may be required.			-	

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
i.	A set of 3 x 6A Universal UPS socket outlets controlled by a 16Amp switch.	Nos.	10		
ii.	A set of 2 x 6A Universal UPS socket outlets controlled by a 16Amp switch.	Nos.	30		
10	6A/ 16A Raw power point wiring.				
i.	Wiring for 1 x 6A/ 16A raw switched socket outlet with 2 x 4mm ² + 1 x 2.5mm ² (Earth) (one socket outlet on one circuit) in 25mm dia conduit. (Small Kitchen equipment & Small Printer & Cassette unit outlets)	Nos.	2		
ii.	Wiring for 1 x 6A/ 16A raw switched socket outlet with 2 x 6mm ² + 1 x 4mm ² (Earth) (one socket outlet on one circuit) in 25mm dia conduit. (For Geyser , Hand Dryer, Kitchen equipment, Big Printer)	Nos.	4		
iii.	Wiring for 2 x 6A/ 16A raw switched socket outlets. Wiring with 2 x 6mm ² + 1 x 4mm ² (Earth) upto first socket outlet and the loop wiring to the second point with 2 x 4mm ² + 1 x 2.5mm ² (Earth) (Two socket outlets on one circuit) in 25mm dia conduit.(For General Con. Sockets)	Nos.	4		
11	6A/ 16A or following UPS power point wiring on walls, ceilings & counters etc. for printers, OHP's, motorised screens & plasma etc. but not for IT racks.				
i.	Wiring for 1 x 6A/ 16A UPS switched socket outlet with 2 x 2.5mm ² + 1 x 2.5mm ² (earth) for box/ furniture earth wire + 1 x 2.5mm ² (Earth) for 3rd pin earthing. (one socket outlet on one circuit) in 25mm dia conduit.(Small Printer)	Nos.	R/O		
ii.	Wiring for 1 x 6A/ 16A UPS switched socket outlet with 2 x 4mm ² + 1 x 2.5mm ² (Earth) for box/ furniture earth wire + 1 x 2.5mm ² (Earth) for 3rd pin earthing. (one socket outlet on one circuit) in 25mm dia conduit.(Repro , OHP)	Nos.	1		
iii.	Wiring for 2 x 6A/ 16A UPS switched socket outlets. Wiring with 2x6mm ² + 1x4mm ² (Earth) for box/ furniture + 1x4mm ² (Earth) for 3rd pin earthing upto First socket outlet and the loop wiring to the second point with 2x4mm ² + 1x2.5mm ² (Earth) for box/ furniture earth wire + 1x2.5mm ² (Earth) for 3rd pin earthing. (Two socket outlets on one circuit) in 25mm dia conduit.	Sets	R/O		
11	<u>MCB/ MCCB Boxes - Indoor enclosure for UPS:</u>				
	Supply, fixing, including terminations of wiring of following MCCB's/ MCB's in factory fabricated powder coated metal enclosure for UPS				
iii.	32A 4P MCB	Nos.	R/O		
iv.	40A 4P MCB	Nos.	2		

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
Note:-	Wiring/ Cabling for Pr. AC's & ceiling hung AHU's shall be accounted for in LT cables & submains chapter.				
12	<u>WIRING FOR POP-UP BOXES</u>				
a	<u>POP-UP BOX</u>				
	Providing and fixing aluminum construction, factory fabricated pop-up boxes for meeting rooms/ cabins table etc: Boxes will be equivalent to A&H mayer makes NETBOX Axial and Axial Comfort (which can rotate towards flat surface in case no power/ data access)				
i.	Pop-up Box complete with 3 x 6A, 5pin switched socket outlets along with networking points and AV equipment's outlets if required with company's factory fabricated metal/ moulded outlet box as may be required.	Nos.	2		
ii.	Pop-up Box complete with 2 x 6A, 5pin switched socket outlets along with networking points and AV equipment's outlets if required with company's factory fabricated metal/ moulded outlet box as may be required.	Nos.	R/O		
	(Cost of raceways not to be included here but including necessary conduiting if required so).				
b	<u>WIRING FOR POP-UP BOXES</u>				
i.	Wiring in existing raceways including termination for pop-up boxes:				
	4C x 2.5mm ² 1100V grade flexible copper conductor sheathed FRLS PVC cable (Phase, Neutral, IG, PE) partly in existing raceways & partly in <u>conduits as specified in the beginning of BOQ.</u>	RM	60		
	(Cost of raceways not to be included here but including necessary conduiting if required so).				
13	<u>Wiring for IT Racks for Server and Hub rooms.</u>				
a	<u>Providing & fixing of following socket outlets:</u>				
i.	16A 3pin, 1 phase, 240V moulded socket outlet in factory fabricated <u>powder coated metal box</u> with DP MCB and plug top.	Nos.	1		
ii.	32A 3pin, 1 phase, 240V moulded socket outlet in factory fabricated <u>powder coated metal box</u> with DP MCB and plug(For Server rack).	Nos.	R/O		
B.	<u>CONDUITING & RACEWAYS FOR VOICE/ DATA (N/W) & TV SYSTEM:</u>				

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
1	Providing and fixing in position of MS conduit including bends, junction boxes, pull boxes, GI pull wire including necessary civil work such as chase cutting, chipping, making good for recessed conduiting or clamping on surface with saddles, clamps etc. for surface conduiting:				
i.	20mm dia, 16G MS conduit.	RM	40		
ii.	25mm dia, 16G MS conduit.	RM	110		
iii.	32mm dia, 16G MS conduit.	RM	0		
iv.	38mm dia, 14G MS conduit.	RM	10		
v.	50mm dia, 14G MS conduit.	RM	0		
2	CONDUITING FOR VOICE/ DATA & TV OUTLETS (IN CASE CONCEALED):				
	Providing and fixing in position of rigid FRLS PVC conduit including bends, junction boxes, pull boxes, GI pull wire including necessary civil work such as chase cutting, chipping, making good for recessed conduiting or clamping on surface with saddles, clamps etc. for surface conduiting:				
i.	20mm dia, 2mm thick FRLS PVC conduit.	RM	10		
ii.	25mm dia, 2mm thick FRLS PVC conduit.	RM	20		
iii.	32mm dia, 2mm thick FRLS PVC conduit.	RM	10		
3	GI OUTLET BOXES FOR VOICE/ DATA FACE PLATES:				
	Providing & Fixing of factory fabricated 1.6mm thick GI outlet boxes for IN/2N/3N/4N Voice/ Data (N/W) face plates.	Nos.	30		
4	TV CORD OUTLET				
	Supply, Fixing, Connecting including testing & commissioning of TV Co-axial cable modular socket outlet with modular plate and 1.6mm thick GI outlet box.	Nos.	2		
5	TV CO-AXIAL CABLE				
	Supply & laying of RG-6 Co-axial TV signal cable in existing conduits.	RM	130		
6	GI RACEWAY				
a	IN FLOOR/ SCREED RACEWAY				
	Supply & Fixing of factory fabricated pre-galvanised sheet steel raceway in 2mm thickness for bottom & sides and 2mm/ 3mm thick top cover including openable top cover floor junction boxes made from 2mm thick pre-galvanised GI sheets for bottom & sides & 3mm thick GI top cover complete with rubber gasketing beneath the top cover. The junction box shall be suitable to accommodate GI floor raceways as specified above, as called for including necessary civil work such as chase cutting in screed, fixing/ jamming the raceway, aligning & leveling and finishing with sand cement plaster & chicken wire mesh:				

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
a	<u>CEILING RACEWAY</u>				
	Supply and Fixing GI openable bottom cover junction boxes made from <u>2mm thick pre-galvanized sheets for top, bottom and sides and complete with 2mm thick bottom cover</u> complete with rubber gasketing. This includes GI openable bottom cover junction boxes made from <u>2mm thick pre-galvanized sheets for top, bottom & sides and complete with 2mm thick bottom cover</u> complete with rubber gasketing. junction box shall be suitable to accommodate GI raceways specified above. Necessary civil work to support/ clamp from RCC slab need to be included here too.				
	For 50mm Depth				
i.	100 x 50	RM	20		
ii.	225 x 50	RM	15		
C.	<u>LT CABLES & SUB MAINS</u>				
1	<u>SUPPLY OF CABLES:</u>				
	Supply of following sizes of 1.1kV grade <u>LT XLPE insulated, FRLS grade PVC sheathed, stranded Aluminum conductor, Armoured/ Unarmoured</u> cables as per IS:7098 Part-I.				
	<u>4 CORES</u>				
i.	4Cx 25 sq.mm. Al Ar. XLPE cable	RM	0		
ii.	4Cx 10 sq.mm. Al Ar. XLPE cable	RM	0		
iii.	4Cx 6 sq.mm. Al Ar. XLPE cable(AHU)	RM	0		
	<u>3.5 CORES</u>				
iv.	3.5Cx50 sq.mm. Al Ar. XLPE cable(Main Incomer Cable)	RM	0		
v.	3.5Cx 35 sq.mm. Al Ar. XLPE cable	RM	0		
2	<u>SUPPLY OF CABLES</u>				
	Supply of following sizes of 1.1kV grade <u>LT XLPE insulated, FRLS grade PVC sheathed, stranded Copper conductor, Armoured/ Unarmoured</u> cables as per IS:7098 Part-I.				
	<u>4 CORES</u>				
i	4C x 16 sq.mm.Cu. Ar. XLPE cable(ACDB, PDB)	RM	0		
ii	4C x 10 sq.mm.Cu. Ar. XLPE cable(LDB)	RM	0		
iii.	4C x 6 sq.mm.Cu. Ar. XLPE cable	RM	60		

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
3	<u>LAYING OF CABLES</u>				
	Laying, Fixing, Testing & Commissioning of following sizes of 1.1kV grade <u>LT XLPE insulated, FRLS grade PVC sheathed, stranded Copper conductor, Armoured/ Unarmoured</u> cables as per IS:7098 part-I on existing cable trays/ in existing hume pipes/ PVC pipes/ GI pipes/on surface of slabs, walls or masonry/ RCC trenches/ ducts including cables ties, GI saddles, clamps and necessary hard ware.				
	<u>4 CORES</u>				
i	4C x 16 sq.mm.Cu. Ar. XLPE cable(ACDB, PDB)	RM	0		
ii	4C x 10 sq.mm.Cu. Ar. XLPE cable(LDB)	RM	0		
iii.	4C x 6 sq.mm.Cu. Ar. XLPE cable	RM	45		
4	<u>CABLE TERMINATION</u>				
	Cable end Termination of following sizes 1.1kV grade LT XLPE insulated, FRLS grade PVC sheathed, stranded Copper conductor, Armoured/ Unarmoured cables as per <u>IS:7098 part-I</u> including cost of tinned copper, heavy duty crimping lugs, double compression glands (including gland earthing), insulation tape and all necessary material to complete the termination.				
	<u>4 CORES</u>				
i	4C x 16 sq.mm.Cu. Ar. XLPE cable(ACDB, PDB)	Nos.	0		
ii	4C x 10 sq.mm.Cu. Ar. XLPE cable(LDB)	Nos.	0		
iii.	4C x 6 sq.mm.Cu. Ar. XLPE cable	Nos.	4		
7	<u>SUPPLY OF CABLES</u>				
	Supply of following sizes of 1.1kV grade <u>Single core LT PVC insulated, unsheathed, multi strand, flexible Copper conductor Un. Ar.</u> Cables as per <u>IS:694.</u>				
i.	1C x 10 sq.mm. Cu. Un. Ar. Flexible cable	RM	0		
ii.	1C x 06 sq.mm. Cu. Un. Ar. Flexible cable	RM	25		
iii	1C x 04 sq.mm. Cu. Un. Ar. Flexible cable	RM	0		
Note:	For Input cables to UPS from UPS input panel & output cable from UPS to UPS out panel with in the UPS room.				
8	<u>LAYING OF CABLES</u>				
	Laying, Fixing, Testing & Commissioning of following sizes of 1.1kV grade Single core <u>LT PVC insulated, unsheathed multi strand, flexible Copper conductor Un. Ar.</u> Cables as per <u>IS:694</u> on existing cable trays/ in existing hume pipes/ PVC pipes/ GI pipes/ on surface of slabs, walls or masonry/ RCC trenches/ ducts including cables ties, GI saddles, clamps and necessary hard ware.				
i.	1C x 10 sq.mm. Cu. Un. Ar. Flexible cable	RM	0		

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty		
				Rate (in Rs.)	AMOUNT
ii.	1C x 06 sq.mm. Cu. Un. Ar. Flexible cable	RM	25		
iii	1C x 04 sq.mm. Cu. Un. Ar. Flexible cable	RM	0		
9	<u>CABLE TERMINATION</u>				
	Cable end Termination of following sizes 1.1kV grade Single core LT PVC insulated, unsheathed multi strand, flexible Copper conductor Un. Ar. Cables as per IS:694. including cost of tinned copper, heavy duty crimping lugs, double compression glands (including gland earthing), insulation tape and all necessary material to complete the termination.				
i.	1C x 10 sq.mm. Cu. Un. Ar. Flexible cable	Nos.	0		
ii.	1C x 06 sq.mm. Cu. Un. Ar. Flexible cable	Nos.	10		
iii	1C x 04 sq.mm. Cu. Un. Ar. Flexible cable	RM	0		
10	<u>PERFORATED CABLE TRAY</u>				
	Supply, fabrication and installation of GI perforated type cable trays including suitable structural steel support complete with all bends, tees, elbows, reducers etc. of various width in two tier/ three/ five tier fashion either on one side of the wall or on two sides of the wall or at other places and paint afterward if required. (All bends & tees shall be of factory built in of same make as that of tray).				
i.	100mm tray, 2mm thick 40mm collar.	RM			
ii.	150mm tray, 2mm thick 40mm collar.	RM	10		
11	<u>CABLE TRAY SUPPORTS</u>				
	Supply, fabrication, erection of structure steel for fixing cable trays including 1 coat of primer and two coat of painting as approved.	Kg.	12		
D.	<u>EARTHING SYSTEM</u>				
1	<u>COPPER EARTHING</u>				
	Supply and fixing of following Copper wires & tapes on existing tray/ trench/ ground/ PVC pipe/ walls including all necessary fixing accessories and effecting connections with copper riveting/ welding etc. as approved. All copper joints shall be tinned:				
i	40 mm x 6 mm thick Cu.tape.	RM			
ii	32 mm x 6 mm thick Cu.tape.	RM	15		
iii.	8 SWG bare Cu. wire.	RM	15		
2	<u>SINGLE CORE COPPER ARMoured CABLE EARTHING:</u>				
	Supply & laying of 1.1kV grade PVC insulated, sheathed stranded copper conductor armoured cable (IS:1554) in existing PVC pipes/ on existing cable trays etc. including terminations:				
	1C x 10 sq.mm PVC insulated copper conductor armoured cable.	RM	50		

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
3	<u>SINGLE CORE COPPER UNARMoured CABLE</u> <u>EARTHING:</u>				
	Supply and laying of 1.1kV grade PVC insulated, unsheathed, stranded copper conductor unarmoured cable (IS:694) in existing PVC pipes/ on existing cable trays etc. including terminations:				
	1Cx6sq.mm PVC insulated copper conductor unarmoured cable.	RM	25		
	1Cx4sq.mm PVC insulated copper conductor unarmoured cable.	RM	25		
4	<u>COPPER PLATE EARTHING - EARTH PIT</u>				
	Providing & making earthing stations including testing at locations as called for, including providing and laying of 600 x 600 x 3.15mm thick copper plate electrode, 20mm dia medium class GI pipe, CI funnel with 18 gauge GI wire mesh, masonry chamber with concrete base, heavy duty manhole cover, lockable cover with frame 300 x 300mm and bitumastic paint, packing of mixture of charcoal & common salt around plate electrode including test joint complete with digging earth and back filling required as per IS:3043 (Depth as per site conditions, however, not less than 3m).	Sets	1		
5	<u>SLEEVES</u>				
	Providing, fixing of heat shrinkable black colour PVC sleeves for neutral/ dedicated earthing complete as required.	RM	15		
6	Supply, installation, testing and commissioning of sheet metal enclosed 450(W) x 150(D) x 300(H) mm insulated earth distribution board with 1 No. 32 x 6 mm copper tinned earth bars suitable for 8/10 nos. connections complete with all fixing accessories as required.	Nos.	0		
7	Supply, installation, testing and commissioning of sheet metal enclosed 450(W) x 150(D) x 300(H) mm insulated earth distribution board with 1 No. 25 x 6 mm copper tinned earth bars suitable for 8/10 nos. connections complete with all fixing accessories as required.	Nos.	2		
E.	<u>DISTRIBUTION BOARDS & PANELS</u>				

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
	Design, Manufacturing, Assembly, Wiring and Supply of following Totally Type Tested, extensible cubicle type indoor mounting, fixed type, dead front, fully compartmentalized with hinged lockable detachable front & back openable, dust and vermin proof, IP-54 Degree of Protection, form 3b, floor mounting sheet steel clad switchboard fabricated out of 2 mm thick CRCA powder coated sheet steel suitable for use at 415 volts 3 phase 4 wire 50 cycle system and to withstand asymmetrical fault level as specified in the BOQ. Panels shall be fabricated in easily transportable sections, length, height, depth etc to match with site condition.				
	The following provisions shall be required to be made in the switchboard as detailed below.				
1	Final Distribution Boards				
	Design, fabrication, assembling, wiring, supply, installation, testing & commissioning of Final Distribution boards made out of pre-treated and powder coated 1.2mm sheet steel and glazed steel door in double door enclosure with MCB's/ ELCB's mounted on din channel, insulated prong bus bars rated for 100A and with separate neutral and earth terminals and in 1,2,3 & 4 pole versions as asked for or as required along with the cable end boxes on all sides of the DB's as per the requirement or Cup-board layout suggested by Architect/ Consultant.				
a.	UPS Power DB - 10 Way TPN DB				
	Supply, erection, testing and commissioning of MCB DB Double door type, IP 42 powder coated 14 Way DB comprising of "D" curve MCB's for UPS Power DB.				
	Incomer				
	1 No - 40A FP MCB				
	Phase control				
	3 Nos - 40A, 30mA DP ELCB				
	Outgoings				
	24 Nos - 10/16/20A SP MCB	Nos.	1		
	Including all interconnections & accessories etc. as reqd.				
2	TVSS				

ELECTRICAL WORKS					
S.no.	DESCRIPTION	UNIT	Qty	Rate	AMOUNT
				(in Rs.)	
	Supply, installation, testing & commissioning of Class II / Class C arrester should be installed at the Sub distribution level in a TT system of wiring. Device should be MOV based for No Follow Current. Non-Pluggable L-N & N-PE arrester with a discharge current capability of ≥ 10 KA of 8/20 μ s between L-N & ≥ 20 KA of 8/20 μ s between N-PE arrester should be provided. The device should have 3 Colored mechanical Status Indicator with Progressive Indication of performance showing the exact health of SPD. Device should have a protection level of <1.5 KV. The device should be rated for $U_c \geq 220$ V AC due to erratic power supply condition. The device should be tested as per IEC 61643-11:2011. All L-N & N-PE arrester should be fixed type.(For Single phase).	Nos.	1		
F.	SUPPLY & Fixing OF LIGHTING FIXTURES & FANS				
1	Divinity Lights Pendent Luminaire MACTY 100 with LED, System Wattage 15 W, 230 V, CRI>80, Luminous Flux 1305 lm, CCT 4000 K, Housing in Aluminium Die Casting, Optical System with Lens Reflector, Halogen free internal wiring, Surface finish with high quality powder coated, Protection Class I, IP40, Dimensions: Dia=100 mm, H=150 mm (DLTYCXBDPL-15)	Nos.	22		
2	Divinity Lights Pendent Luminaire DISC with LED, System Wattage 35 W, 230 V, CRI>80, CCT 4000 K, Luminous Flux 3535 lm, Housing in Aluminium, Optical System with White Opal Diffuser, Halogen free internal wiring, Surface finish with high quality powder coated, Protection Class I, IP40, Dimensions: Dia=500 mm, H=60 mm (DLADISCDPD-35)	Nos.	25		
3	Wall Hanging Fans - Supply wall hanging fans which Aerodynamically designed blades with a sweep size of 400 mm with air delivery of 65-75 cubic metres per minute (CMM) & maximum speed of 1350 rotations per minute (RPM). Lab-tested against stringent safety standards to ensure safety against electric shock, fire hazard, stability. Three angles of vertical tilting allow you to adjust the fan single-handedly as per requirement	Nos.	10		
4	Self luminous Exit signage with text size shall be in capital letters 6" in height, directional arrow as required & painted in green colour self luminous paint on white background complete with all necessary hardwares required for mounting/ hanging the fixtures.	Nos.	0		
	Total (Electrical Works)				-

Table 4 - HVAC Works

HVAC SCHEDULE OF QUANTITIES					
S.No.	ITEM	UNIT	QTY	RATE	TOTAL
1	Charges towards Daikin Split air conditioners				
	Capacity - 1.5 Tons 5 star	Nos.	7		
2	Charges towards Daikin Split air conditioners				
	Capacity - 2 Tons 5 star		1		
2	Supply of Angle stand for outdoor units.				
	Capacity-1.5/2.0 Tons	Nos	8		
3	Providing and fixing of drain water piping with mild PVC				
	polypack necessary fitting flanges,				
	32 MM	Mtrs.	125		
4	The fans shall be complete with centrifugal fan, unit casing access door, electrical connections , canvass connections etc. Fan shall be suitable for installation A/C contractor to include all accessories for installation of fan.				
	400 cfm and 20mm static Exhaust air fan for Toilet	Nos.	2		
5	Charges towards installing of Split air conditioner				
	capacity - 1.5 Tons	Nos	8		
6	Supply of Copper Piping Between Indoor to Outdoor Unit. (Estimated)				
	5/8,1/4	R M	90		
7	Supply of 4 core 2.5 sqmm Wiring .Between Indoor to Outdoor Unit. (Estimated)	R M	120		
	TOTAL (HVAC)				

Table 5: Plumbing

PLUMBING WORKS					
S.No	Description	Unit	Qty	Supply & ITC	
				Rate in	Amount in
				INR	INR
A	SANITARY WARE AND CP FITTINGS				
1.00	European Water closet - wall mounted				
1.01	Supply, Installing, testing and commissioning of Wall Hung European water closet with necessary bend, checknut, stopcock etc., colour solid seat and cover with polythene buffer and flap, brackets, brass screws with washers, pan connector,a pair of chair bracket with nuts and bolts wall flanges etc., complete				
	Jaquar Florentine model no : FLS-WHT-0111B	Nos	2		
1.02	Supply, Installation, Testing and Commissioning of Deco contemporary Health faucet with CP metal hose and holder in Polished Chrome etc.				
	Jaquar Allied model no: ALD-CHR-573	Set	2		
1.03	Supply, Installation, Testing and Commissioning of Concealed Stop Cock, Regular Body with Adjustable Wall Flange Size 20mm (Jaguar) OPL-CHR-15083K range QUARTER TURN FITTINGS located on above False Ceiling	Set	2		
1.04	Supply, Installation, Testing and Commissioning of 15mm Angular Stop Cock With Wall Flange with necessary fittings etc.				

PLUMBING WORKS					
S.No	Description	Unit	Qty	Supply & ITC	
				Rate in	Amount in
				INR	INR
	Jaquar model no: FLR-5053N	Set	2		
1.05	Supply, Installation, Testing and Commissioning of C.P cast brass twin coat hook fixed to wooden cleats with C.P. brass screws. Fixing with necessary screws etc.				
	Jaquar – CAN-1161N	Nos	2		
1.06	Supply, Installation, Testing and Commissioning of exposed type Toilet paper holder fixing with necessary screws etc.				
	Jaquar – CAN-CHR-1151N	Nos	2		
2.00	Urinal				
2.01	Supply Installing, testing and commissioning of Urinal with top inlet, urinal spreader, SS bolts and nuts to fix the urinal with all hangers and brackets complete with wall flanges.				
	Jaquar – URS-WHT-13261	Nos	2		
2.02	Supply, Installation, Testing and Commissioning of CP-Waste coupling Jaquar – Allied-Model no:709	Set	2		
2.03	Supply, Installation, Testing and Commissioning of CP bottle trap Jaquar – ALD – 769L300 X 190	Set	2		
2.04	Supply, Installation, Testing and Commissioning of Urinal prestige tape flushing type with necessary flange, fittings etc.	Set	2		
2.05	Supply and installation of Urinal Partition made out of 19 mm thk. Granite both surfaces polished along with edges finished to approved profile. The granite slab to be of size 1200 mm x 400 mm as per approved design and embedded in wall dado with adhesive and cement mortar complete with necessary supports if required etc.	Set	1		
3.00	Wash basin				
3.01	Supply Installing, testing and commissioning of wash basin dia 440 mm below counter, with 33x extension pipe, M.S. wall brackets with a pair of SS screws to support the basin 450mm long CP inlet connection pipe, CP wall flange all of approved make, complete				
	Jaquar Florentine – FLS-WHT-0401	Set	2		
3.02	Supply, Installation, Testing and Commissioning of CP-Waste coupling				
	Jaquar – Allied-Model no:709	Set	2		
3.03	Supply, Installation, Testing and Commissioning of CP bottle trap Jaquar – ALD – 769L300 X 190	Set	2		
3.04	Supply, Installation, Testing and Commissioning of 15mm Angular Stop Cock With Wall Flange with necessary fittings etc.				
	Jaquar model no: FLR-5053N	Set	2		
3.05	Supply, Installation, Testing and Commissioning of WASH BASIN FAUCET	No	1		
3.06	Supply, Installation, Testing and Commissioning of Prestage tap	No	1		
3.07	Supply, Installation, Testing and Commissioning of Central Hole Basin Mixer with Popup Waste System with 450mm Long Braided Hoses with necessary fittings etc.				
	Jaquar – CQT-CHR-23169B	Nos	2		

PLUMBING WORKS					
S.No	Description	Unit	Qty	Supply & ITC	
				Rate in	Amount in
				INR	INR
3.08	Providing & fixing in position storage type Hot Water electrical horizontal heaters with copper container, insulation, and stove enameled M.S. jacket, thermostatically controlled immersion heater, with pilot lamp, 15/20mm dia inlet with non return valve and 15/20mm dia isolation valves on both inlet and outlet pipes including making connections complete in all respects. (wall mounted with suitable M.S. bolts and nuts) (VENUS or Equivalent Make)				
	Capacity 10 litres (5 Star rated)	Nos	1		
3.09	Supply & Fixing of Soap Dispenser Corrosion resistant soap dispenser (1L) has vandal-resistant locking cover and free-turning spout. Body and shank are high-impact-resistant ABS plastic with a shatter-resistant polyethylene container fixing with necessary screws etc.,				
	Bobrick – B-822	Nos	2		
3.10	Supply, Installation, Testing and Commissioning of tissue dispenser complete including cutting and making good the walls wherever required in wash basin area fixing with necessary screws etc.,				
	Jaquar – PTD-SAP-DT0106CS	Nos	2		
3.11	PVC FLOOR TRAP				
	Supplying fixing and testing PVC floor trap with (heavy duty hinged type) brass CP frame and cover (150 x 150mm). Trap of 100mm dia. Inlet and 75 mm dia outlet jointed to drainage pipes and seated firmly in sleeves provided in slab and grouting the joint between rim of the floor trap and concrete with suitable silicone sealants. (MAKE:SUPREME/FINOLEX/ASTRAL)				
	SS Floor Grating	No	2		
	Floor clean out 110 mm dia	No	2		
3.12	All existing plumbing and waterline drainage pipe modification as per proposed drawing. The cost shall be include necessary fittings, supports etc	Lot	1		
	TOTAL (PLUMBING WORKS)				-

Table 6 - NETWORKING - AMP BOM

AMP BOM						
Sr.	Model	Description	Qty	UOM		
					Rate (Rs)	Total (Rs)
<u>AMP cables</u>						
1	2-1427215-4	UTP, Cat-6 Cable, 4 pairs, (roll of 305m) (Average length assumed as 25 Meter)	8	Nos		
<u>AMP I/O's and Face plates</u>						
1	235001-2	Faceplate (3"x3") White, Dual	30	Nos		
2	1375055-6	UTP, Cat-6 Modular Jack, Blue for Data	30	Nos		
<u>AMP Jack Panels</u>						
1	1933307-1	24-port Straight Modular Patch Panel, unloaded	8	Nos		

AMP BOM						
Sr.	Model	Description	Qty	UOM		
					Rate (Rs)	Total (Rs)
2	1375055-6	UTP, Cat-6 Modular Jack, Blue for Data	30	Nos		
AMP Patch Cords						
1	1859277-2	UTP, Cat-6 Patch Cord, 2m Blue (User end)	30	Nos		
2	1859277-2	UTP, Cat-6 Patch Cord, 2m Blue (Rack end)	30	Nos		
Total (AMP BOM)						-

Table 7: NETWORKING - Local Material

Local Material						
Sr.	Model	Description	Qty	UOM		
					Rate (Rs)	Total (Rs)
1		15U Height Wall Mount Close Rack with Front glass Lockable door, .	1	No's		
2		Fan 230 VAC 90 CFM (Set of 2 fan)	1	No's		
3		MOUNTING HARDWARE PACKT. OF 10	2	No's		
4		CABLE MANAGER, 1U, 19" WITH PVC LOOP (Black)	3	No's		
5	-	PDU 19" HORIZONTAL 6, SOCKET 5/15 AMP WITH 16Amp MCB AND INDICATOR AND 3 MTR CABLE AND 3 PIN PLUG.	1	No's		
HDPE Pipe & Conduits						
2	-	PVC Conduit 25 MM	150	Meter		
3	-	Gang box 3x3 size	30	Nos		
Labels						
1	S100X125YAJ	Patch Cords Labels	3	Sheet		
2	C195X040Y1J	Face Plate Labels	1	Sheet		
3	C261X035Y1J	Patch Panel Labels	2	Sheet		
Installation Charges (UTP)						
1		Installation Charges towards Laying/ Ferruling/ Termination/ Testing of UTP/Face Plates/Racks Dressing and Management with Labeling in Pre laid Raceways Conduits	30	Nodes		
2		Installation of Rack Wall Mounted	1	Nos		
Installation of Conduits & Gang box						
1		Fixing of Conduits	150	Mtr.		
2		Fixing of Gang box	30	Nos.		
Total (Local Material)						

Table 8 - CCTV & Access Control system

CCTV & ACCESS CONTROL BOQ - SCHEDULE OF QUANTITIES					
S.No.	ITEM	UNIT	QTY	RATE	TOTAL
	IP BASED CCTV SYSTEM				
1	Controlling and wiring for CCTV & ACCESS Control system	Nos	1		
	Supply & fixing of IP Based CCTV system comprising of followings				
a.	Supply & fixing of indoor aplication IP Dome (Hitvision/CP Plus)				
b.	Networking Video Recorder suitable for 30 days (Samsung/LG)				
c.	Flat screen TFT 32" High Resolution Monitor (Samsung/LG)				
d.	Managed POF Ethernet switch with 24 port jack panel 10/100/1000 M (D-Link)				
e.	Wall mounted rack power supply, MCB, cable manager, drawer shelves and wiring channels to accommodate CCTV system equipment				
	TOTAL (CCTV & ACCESS CONTROL)				

Table 9: Special IT related Requirements

Special IT requirements					
S.No.	ITEM	UNIT	QTY	RATE	TOTAL
1	APC ONLINE UPS 2KVA MODEL-SRC2KUXIUPS Battery 12V 26AH Qty. 6 with Battery RACK & INTERLINKS (for above APC UPS)	Nos	1		
2	TV - Samsung/Sony Smart 190cm NS55U4K (65 inch) 4K (Ultra HD) LED TV	Nos	1		
3	Dell desktop - Dell Inspiron 3880 10th Gen Intel Core i3 Desktop (8GB RAM/1TB HDD/Windows 10/Ms Office 2019/WiFi, Bluetooth) (Desktop with Dell E2016HV, 20" Monitor) 3 Years Warranty	Nos	2		
4	WIFI Routers	Nos	5		
5	Complete solution of video Conferencing with their system excluding display	LS	1		
	TOTAL (Special IT requirements)				

Compliance with Requirements

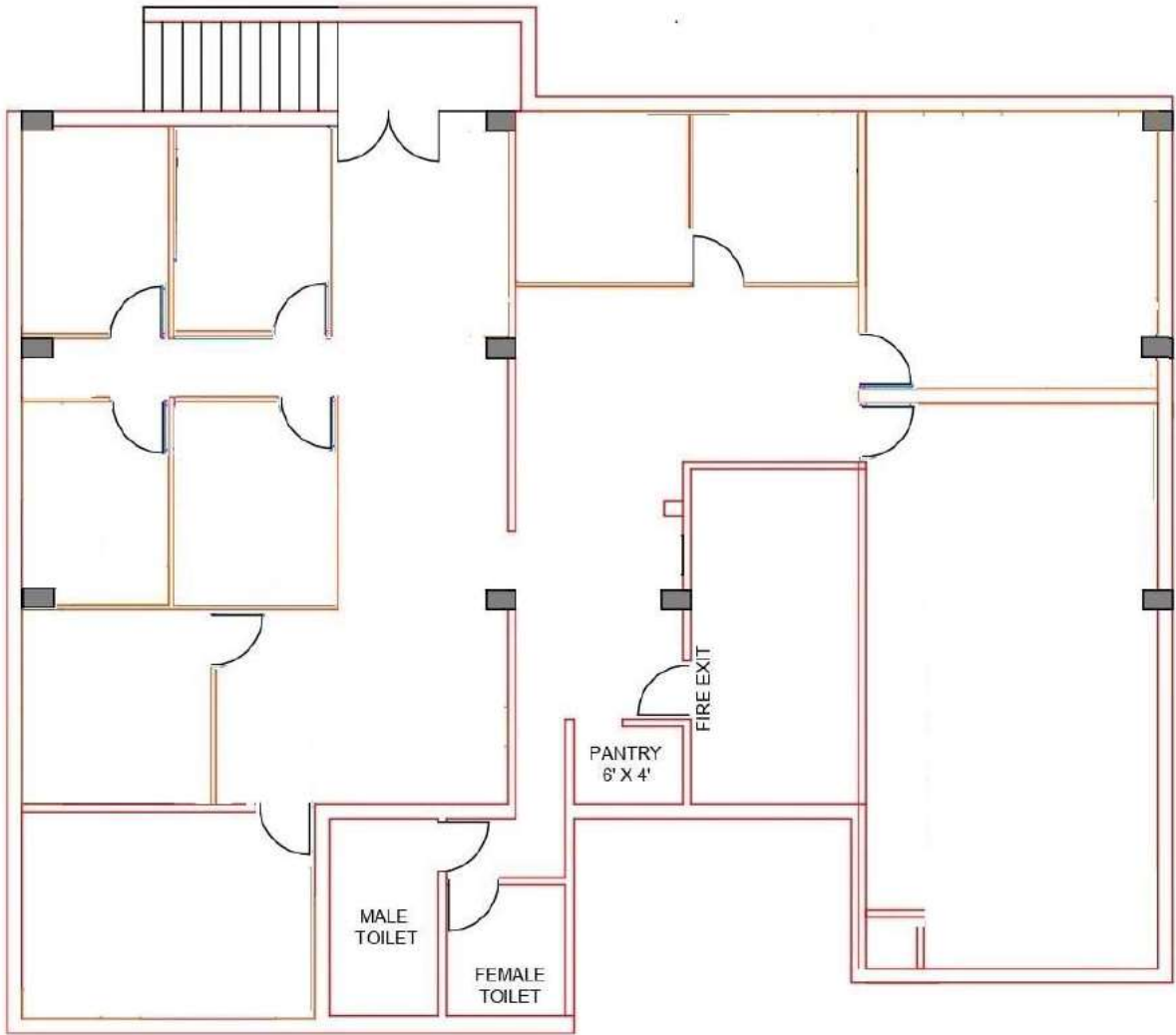
	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
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Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	
Other requirements <i>[pls. specify]</i>	<input type="checkbox"/>	<input type="checkbox"/>	

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.

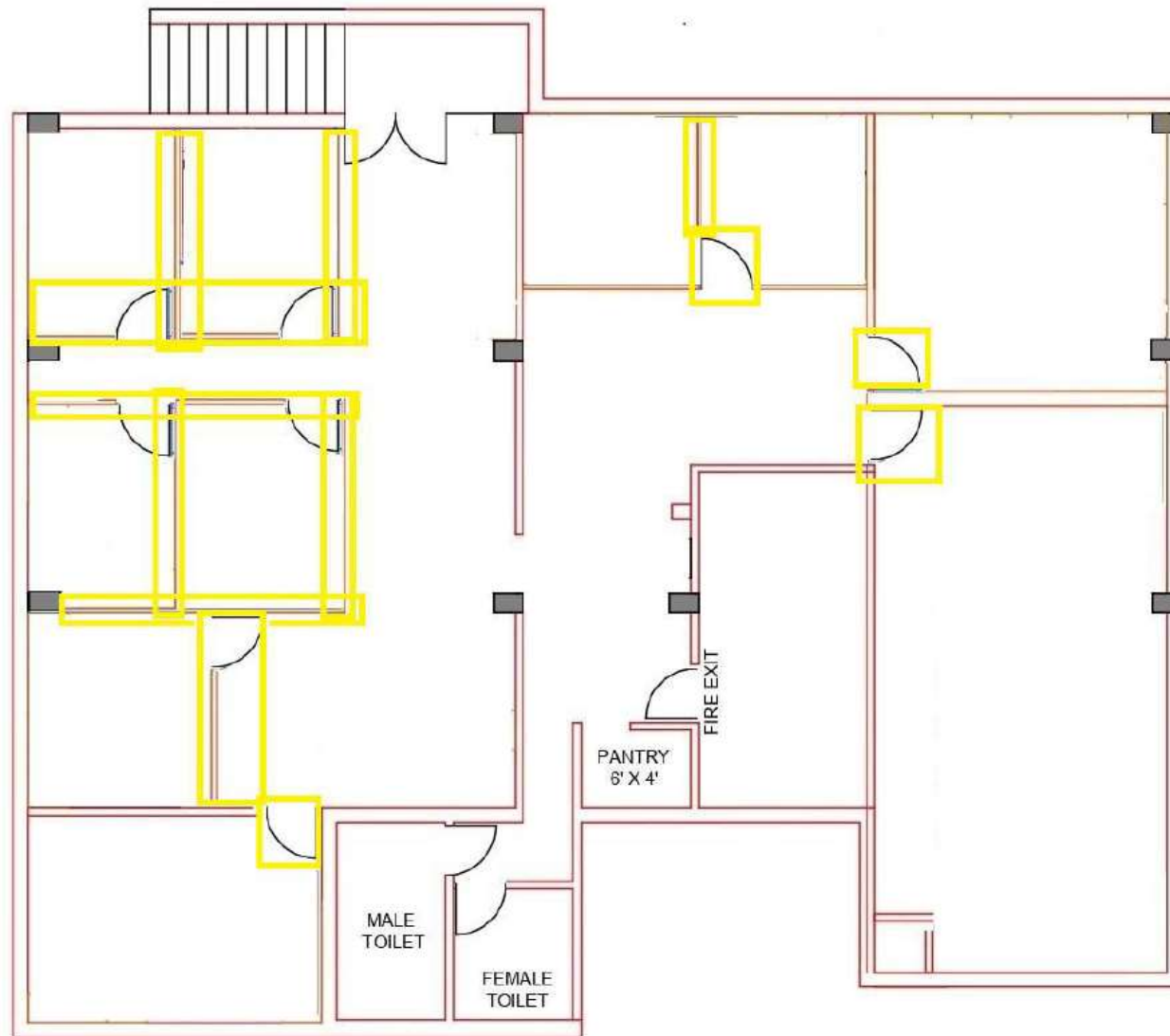
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ANNEX 4: DRAWINGS

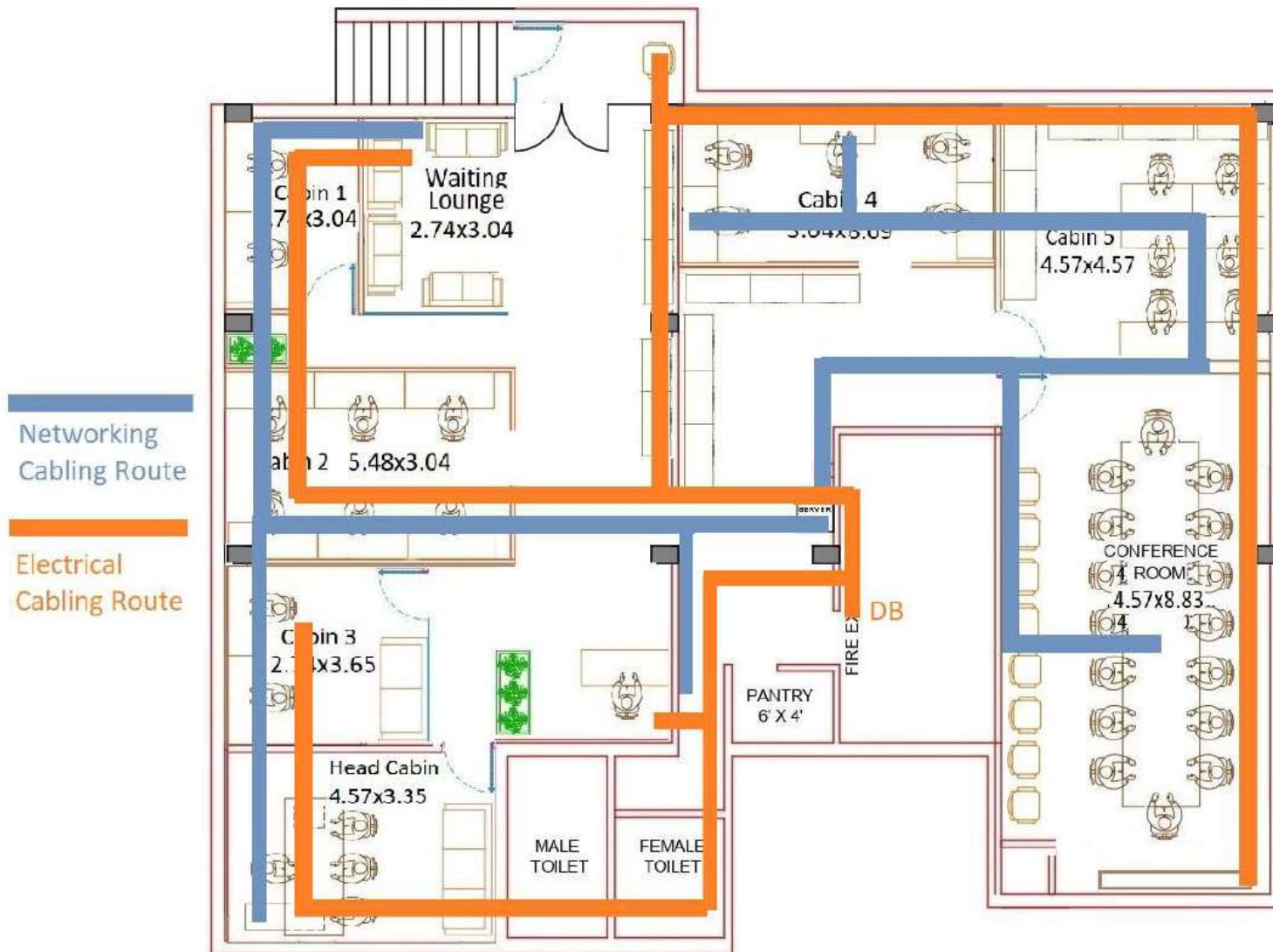
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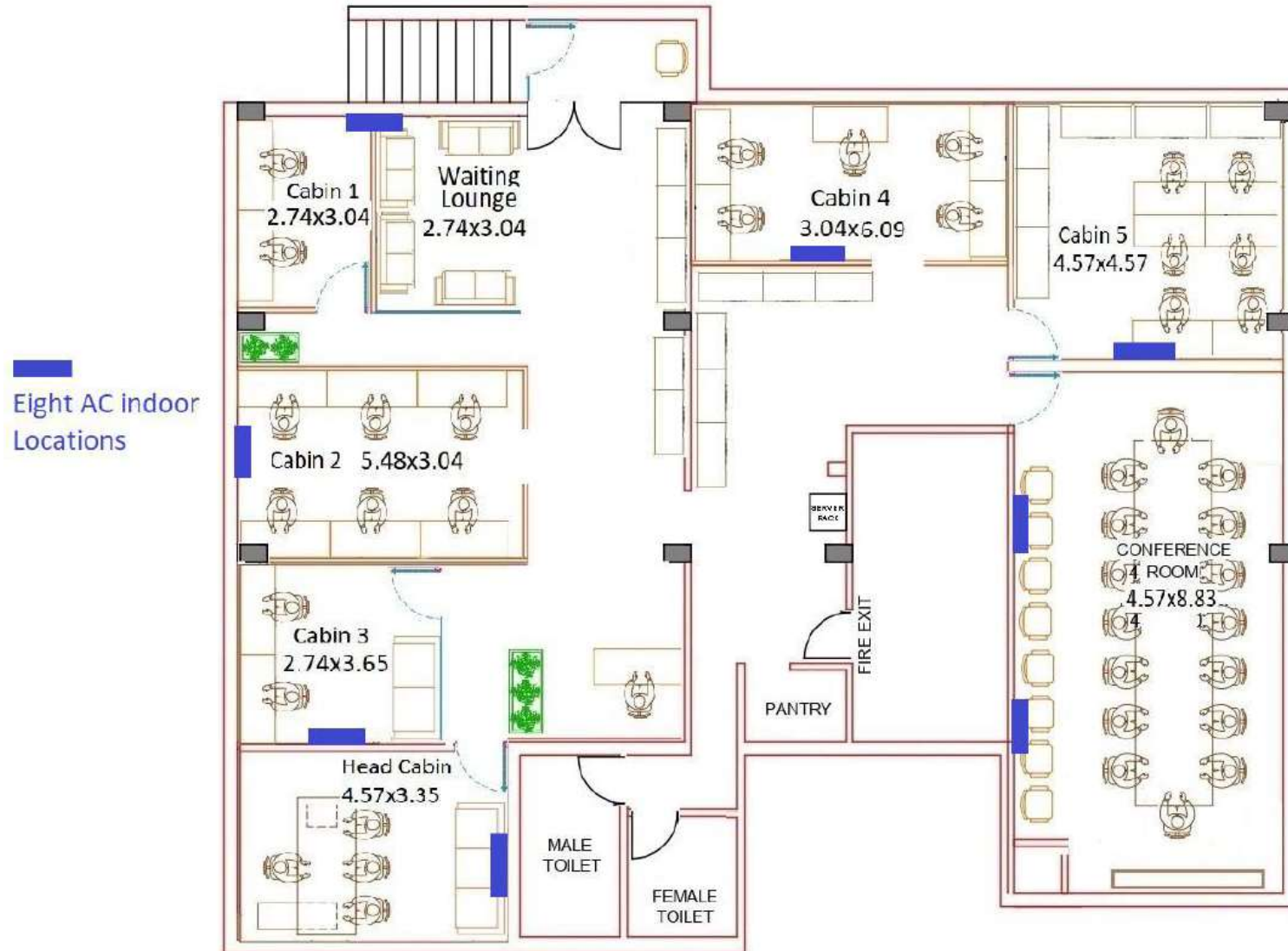
Dismantling Layout -Lodhi Colony



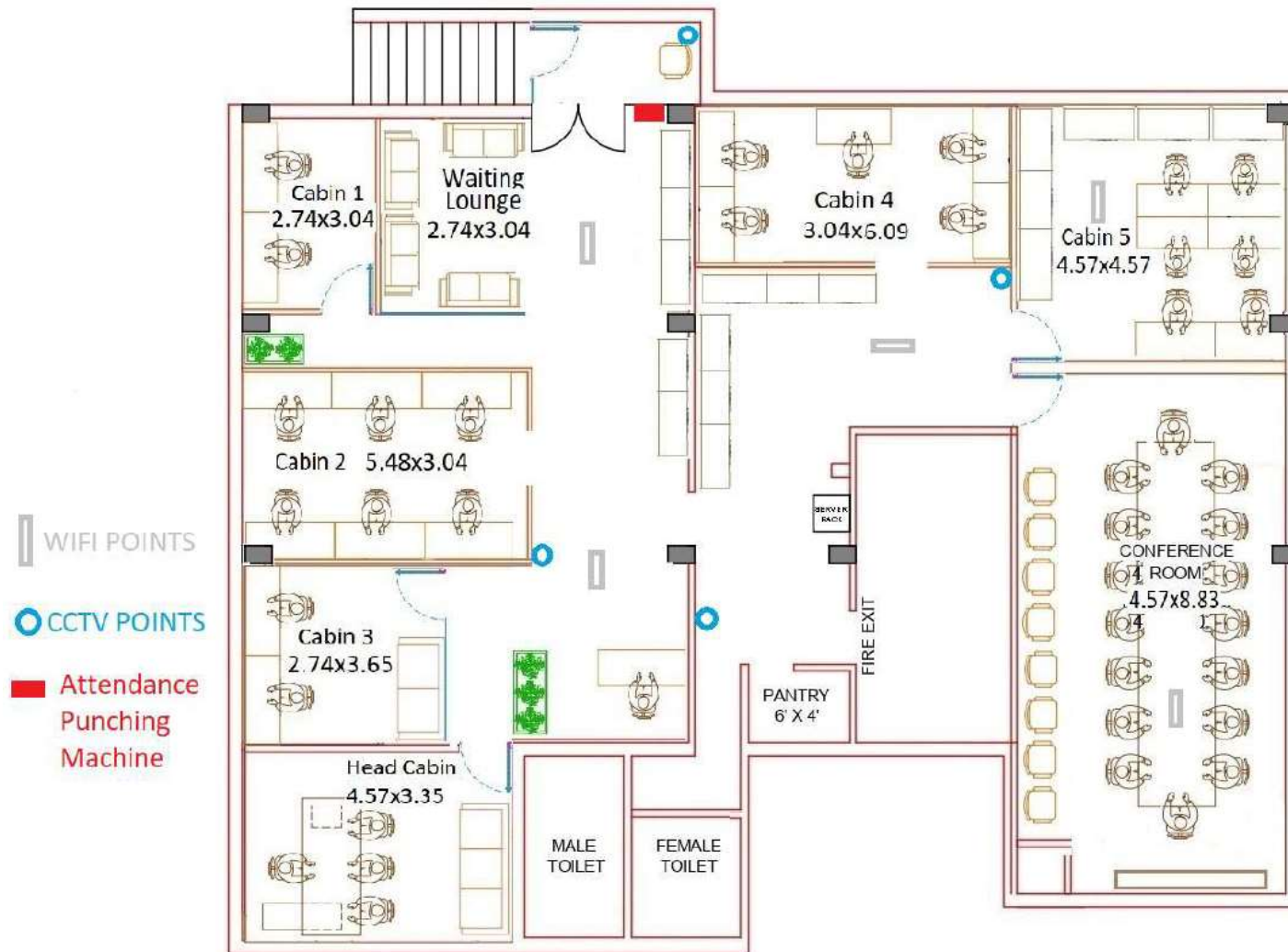
Electrical & Networking Layouts



AC LOCATIONS - Lodhi Colony



CCTV & WIFI points - Lodhi Colony



Final Furniture Layout - Lodhi Colony

