



NATIONAL INDUSTRIAL CORRIDOR DEVELOPMENT  
CORPORATION LTD.

REQUEST FOR QUALIFICATION CUM PROPOSAL  
FOR  
“Interiors and Fit-out Works of New Office Space for NICDC at  
HT House, KG Marg, New Delhi on  
Percentage Rate Basis”

CLIENT:  
NICDC Limited  
8<sup>th</sup> Floor, Tower 1,  
Jeevan Bharti Building  
Connaught Place, New Delhi – 110001

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# Section 01: Notice Inviting Tenders

**“NICDC”**  
**NATIONAL Industrial Corridor Development Corporation Limited**  
**NATIONAL COMPETITIVE BIDDING (NCB)**

Request for Qualification (RfQ) cum Request for Proposal (RfP) for Interiors and  
Fit-out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on  
Percentage Rate Basis (Ref No: NICDC/2025/01/01)

NICDC is inviting Tender for the Interiors and Fit-out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Basis based on detailed BOQ. The salient features of the project, eligibility criteria and prescribed formats for submission can be accessed in the RfQ cum RfP document uploaded on the website: [www.nicdc.in](http://www.nicdc.in) or from Central Public Procurement Portal (<http://eprocure.gov.in>).

Interested applicants are requested to submit their responses to the RfQ cum RfP online at Central Public Procurement Portal on or before 09<sup>th</sup> May 2025, 1500 Hrs. The RFP submissions will necessarily have to be accompanied with a Demand Draft INR 50,000 (Indian Rupees Fifty Thousand only) plus GST @18% and Refundable Bid Security of INR 10,00,000.00 (Indian Rupees Four Lakhs Eighty Five Thousand Sixty Five only) in favour of **“National Industrial Corridor Development Corporation Limited”, payable at New Delhi, India,”** as a non-refundable processing fee.

Applicant who wish to participate in online bidding will have to procure digital certificate as per IT Act, 2000 to sign their electronic bids. Offers which are not digitally signed will not be accepted. Applicant shall submit their offer in electronic format on CPP Portal only.

National Industrial Corridor Development Corporation Ltd  
8<sup>th</sup> Floor, Tower 1, Jeevan Bharti Building, Connaught Place  
Tel No: 011-2611 8884-8; Fax: 011-2611 8889 CIN:  
U45400DL2008PLC172316  
Email: [contactus@nicdc.in](mailto:contactus@nicdc.in),

# Section 02: Disclaimer and Instructions to Bidders for E- Tendering

## DISCLAIMER

1. This RFQ cum RFP document is neither an agreement nor an offer by the NATIONAL Industrial Corridor Development Corporation Limited (NICDC). The purpose of this RFQ cum RFP is to provide information to the interested parties that may be useful to them in the formulation of their proposal pursuant to this RFQ cum RFP.
2. NICDC does not make any representation or warranty as to the accuracy, reliability or completeness of the information in this RFQ cum RFP document and it is not possible for NICDC to consider particular needs of each party who reads or uses this RFQ cum RFP document. This RFQ cum RFP includes statements which reflect various assumptions and assessments arrived at by Employer in relation to this tender. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. Each prospective Bidder should conduct its own investigations and analyse and check the accuracy, reliability and completeness of the information provided in this RFQ cum RFP document and obtains independent advice from appropriate sources.
3. NICDC will not have any liability to any prospective Construction Company/ Firm/ Consortium or any other person under any laws (including without limitation the law of contract, tort), the principles of equity, restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this RFQ cum RFP document, any matter deemed to form part of this RFQ cum RFP document, the award of the Assignment, the information and any other information supplied by or on behalf of NICDC or their employees, any consultants or otherwise arising in any way from the selection process for the Assignment. NICDC will also not be liable in any manner whether resulting from negligence or otherwise however caused arising from reliance of any Bidder upon any statements contained in this RFQ cum RFP.
4. NICDC will not be responsible for any delay in receiving the proposals. The issue of this RFQ cum RFP does not imply that NICDC is bound to select the Bidder or to appoint the Selected Bidder, as the case may be, for this tender and NICDC reserves the right to accept/reject any or all of proposals submitted in response to this RFQ cum RFP document at any stage without assigning any reasons whatsoever. NICDC also reserves the right to withhold or withdraw the process at any stage with intimation to all who submitted the RFQ cum RFP Bid.
5. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. NICDC accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.
6. NICDC reserves the right to change/ modify/ amend any or all provisions of this RFQ cum RFP document. Such revisions to the RFQ cum RFP/ amended RFQ cum RFP will be made available on the website of NICDC.

## Instructions to Bidder for e-Tendering

### A. Enrolment process on the Tender web-site

- Bidders are required to enrol on the e-Procurement module of the Central Public Procurement (CPP) Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online Bidder Enrolment”. Enrolment on the CPP Portal is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (DSC) - (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India, with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.

### B. Tender search

- There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Favourites’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### C. Preparation of bids

- Make folders with the name of the tender number so as to identify the folders easily during the bid document uploading.
- File and Folder name should not contain any special characters (&, #, etc.) or space in between.
- Download the tender document, ITB (Instruction to Bidders) of the required tender in that folder.
- Scan the Bid Security fee instruments/ Tender fee instruments for offline payments if any.
- In the case of offline payment, the details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the bid submitted will not be acceptable.
- Scan and keep ready Pre-qualification documents like life certificates, PAN etc. if any.
- Prepare the technical bid document and then convert into PDF.
- Prepare the Price Bid i.e. fill up required figures in the downloaded word document. The Price Bid file with the same name has to be uploaded while uploading the financial bids. If there is any change in Name it may not get uploaded or give an error.
- Keep all the documents in the same folder for the easy bid document upload.
- The bid summary has to be printed and kept as an acknowledgement as a token of the submission of the bid. It will act as a proof of bid submission for a tender floated and will also act as an entry point to participate in the bid opening date. For any clarifications from the TIA (Tender inviting authority), the bid number can be used as a reference.

#### D. Submission of bids

1. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document. Offers which are not digitally signed will not be accepted. Applicant shall submit their offer in electronic format on CPP Portal only.
3. Bidder should prepare the Bid Security (EMD) as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the Tender Processing Section, latest by the last date of bid submission. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the

scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

4. The Price Bid format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the Price bid file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the Price bid file is found to be modified by the bidder, the bid will be rejected.
5. The serve time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
6. All the documents being submitted by the bidders would be encrypted using PKI (Public Key Infrastructure) encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done.
7. Any document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers / bid-openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
8. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
9. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

#### E. Password maintenance

- The length of the password should be of 8 to 32 characters.
- The password should be of any English lowercase and uppercase (a-z and A-Z) characters.
- The password must contain at least one number between 0-9.
- The password must contain at least one special character from these [! @ # \$ ^ \* \_ ~]

- Sample password is just like Admin123\$, India2000#, etc.

#### F. About DSC

- Digital Signature Certificates (DSC) is the digital equivalent (that is electronic format) of physical paper certificates.
- Like physical documents are signed manually, electronic documents, for example e-forms are required to be signed digitally using a Digital Signature Certificate. Transactions that are done using Internet if signed using a Digital Signature certificate becomes legally valid.
- Bidders have to procure Class 2 or 3 signing certificates only. Only Class 2 or 3 is valid for e-tendering purpose.
- The Certifying Authorities are authorized to issue a Digital Signature Certificate with a validity of one or two years. The maximum period for which the DSC is issued is only two years. On the expiry of the term, the Digital Signature Certificate can be revalidated by paying the fees again.
- Digital Signatures are legally admissible in a Court of Law, as provided under the provisions of IT.
- Digital Signature Certificate (DSC) is not required by Companies but by individuals. For example, the Director or the Authorized signatory signing on behalf of the Company requires a DSC.
- Each user logs in to the tender site thro' the secured log in by giving the user id/ password allotted during registration & then by giving the password of the DSC. The DSC password will get locked if successively wrong password is given many times.

#### G. DSC providers for Private firms

- A licensed Certifying Authority (CA) issues the digital signature. Certifying Authority (CA) means the authority that has been granted a license to issue a digital signature certificate under Section 24 of the Indian IT-Act 2000.
- The vendors like TCS ([www.tcs-ca.tcs.co.in](http://www.tcs-ca.tcs.co.in)), Sify, MTNL, nCode ([dsc@ncodesolutions.com](mailto:dsc@ncodesolutions.com)), e-Mudhra ([www.e-mudhra.com](http://www.e-mudhra.com)) are issuing DSC's for bidders.
- The time taken by Certifying Authorities to issue a DSC may vary from three to seven days.

#### H. Advantage of "My Space" on CPP Portal

- The bidder can upload Non-Sensitive frequently asked documents prior at any point of time once he logs in to the Bid. These are not encrypted.
- These can be anything like GST, PAN Certificate, VAT Certificate, Equipment Details, Manpower Details, Copies of Balance Sheet of last few years, Details of quantity of work executed etc.
- In some cases, the TIA might have uploaded a format while in many cases it may just be a scanned copy of the original which needs to be uploaded.
- This will avoid repeated upload of common documents and also save space and time.

#### I. System requirements

- Windows XP with latest service pack
- Loaded IE 7.0 or above
- Loaded JRE 1.6 or above
- Antivirus Software with latest definition.
- Internet connectivity
- Scanner to scan the documents if required
- Printer and PDF Creator.

#### J. Assistance to Bidders

- Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.
- For any technical queries for online-submission please call the 24x7 Helpdesk numbers of E-procure. The Helpdesk numbers +91120- 4001002/ 4001005/4493395 +918826246593, email: [support-eproc@nic.in](mailto:support-eproc@nic.in)

#### K. Preparation & Submission of BIDs:

- Detailed tender documents for RFQ cum RFP may be downloaded from e-tender portal of the Employer from the dates as per "Important Information" and tender may be submitted online following the instruction appearing on the screen. A manual containing the detailed guidelines for e-tendering is also available on e-tender portal of the Employer.
- The following documents shall be prepared and scanned in different files (in PDF or ZIP or JPEG format) and uploaded during the online submission of BID. The scanning of the pages

to be uploaded shall be done in not more than 100 dpi. The documents as per Clause 4.7.6 of RFQ cum RFP shall also be submitted in "ORIGINAL" to The NATIONAL Industrial Corridor Development Corporation NICDC before the prescribed date & time for submission of BIDs.

#### Technical Bid

- (a) (Letter comprising the Technical BID) Appendix-I;
- (b) Power of Attorney for signing the BID as per the format at Appendix-II;
- (c) if applicable, Power of Attorney for Lead Member of Joint Venture as per the format at Appendix-III of RFQ cum RFP;
- (d) if applicable, Joint Venture as per the format at Appendix-IV of RFQ cum RFP
- (e) Certificates in accordance with Appendix-I (all annexure)
- (f) Copy of BID Security of Rs. 10,00,000/- (Rupees Ten Lakhs only) in the form of Demand Draft / Pay Order payable in favour of "NATIONAL Industrial Corridor Development Corporation Limited" payable at "New Delhi".
- (g) Copy of tender processing fee of **Rs. 50,000/- (Rupees Fifty Thousand only) + Applicable GST {Rs. 59,000/- (Rupees Fifty Nine Thousand only)}** in the form of DD in favour of "NATIONAL Industrial Corridor Development Corporation Limited" payable at "New Delhi".
- (h) Registration copies of GST
- (i) Integrity pact as per Appendix-VII
- (j) Non-Disclosure Agreement as per Appendix-VIII

#### Financial Bid

- (a) Letter comprising the Financial Bid - Appendix-I B
- (b) Price Bid- Appendix-I B Annex- I (Percentage BoQ)

# Section 03:

## Introduction

## Section 03: Introduction

### 3.1. Background

Govt of India has recently approved 12 (twelve) Industrial Corridor Projects under the National Industrial Corridor Development Programme. National Industrial Corridor Development Corporation (“NICDC”) Limited, an autonomous body under Department for Promotion of Industry and Internal Trade (“DPIIT”), Govt. of India is entrusted for coordinated implementation of these projects.

### 3.2. Project Objectives

NICDC is inviting proposals to develop office space located at the 17<sup>th</sup> floor, HT House, K G Marg, New Delhi on PERCENTAGE RATE based on detailed BOQ. It is envisaged to have a highly functional design for the new office space with modern amenities.

### 3.3. Brief Description of the Bidding Process

331. The Employer has adopted a Two Bid System (collectively referred to as the "Bidding Process") for selection of the bidder for award of the Project. Under this process, the bid shall be invited under two parts. Eligibility and qualification of the Bidder will be first examined based on the details submitted under first part (Technical Bid) with respect to eligibility and qualifications criteria prescribed in this RFQ cum RFP. (The "Bidder", which expression shall, unless repugnant to the context, include the members of the Joint Venture). **Prior to making the Bid, the Bidder shall pay to the Employer a sum of Rs. 50,000/- (Rupees Fifty Thousand Only + Applicable GST)** as the cost of Tender Processing Fee and Refundable Bid Security of Rs. **10,00,000/- (Rupee Ten Lakhs)**. The Financial Bid under the second part shall be opened only for those Bidders whose Technical Bids are responsive to eligibility and qualifications requirements as per this RFQ cum RFP.
332. The Bidding Document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder. But the tender can only be submitted after uploading the mandatory scanned documents such as:
- a) Demand Draft / Pay Order towards cost of tender processing fee,
  - b) Demand Draft / Pay Order against Bid Security & All other documents shall be as per Notice Inviting e-tender / RFQ cum RFP. The bid security may be accepted in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks or payment online in an acceptable form, safeguarding the purchaser's interest in all respects.
333. Interested bidders are being called upon to submit their Bid in accordance with the terms specified in this Bidding Document. The Bid shall be valid for a period of not less than 180 days from the date specified in Clause 3.4 for submission of BIDs (the "Bid Due Date").
334. Method of Selection: The client will select the applicant whose bid is technically responsive and who will quote a percentage above/below the estimated BOQ rates the said works. The detailed description of the works (Scope of work) to be carried out is enclosed at "Section 8 – Broad Scope of work" and BOQ.

### 3.4. Data Sheet

1.	Name of Client	:	National Industrial Corridor Development Corporation Limited
2.	Name of Work	:	Interiors and Fit-out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Based on BOQ.
3.	Type of Tender	:	Single percentage rate open e-tender
3.	Estimated Cost of Works	:	Rs. 4,85,06,450.09/- (INR Four Crore Eighty Five Lakh Six Thousand Four Hundred Fifty & Paise Zero Nine Only) inclusive of all applicable taxes.
4.	BID Security (The bid security may be accepted in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks or payment online in an acceptable form, safeguarding the purchaser's interest in all respects.)	:	Rs. 10,00,000.00 /-
5.	Bid Processing Fee	:	<b>Rs. 50,000/- (Plus GST @18%)</b>
6.	Completion Time from the date of award	:	45 days
7.	Date of uploading RFQ cum RFP	:	25.04.2025
8.	Pre-bid Meeting	:	29.04.2025 (1100 Hrs)
9.	Bid Due Date	:	09.05.2025 (1500 Hrs)
10.	Physical Submission of Tender Documents/ Power of Attorney etc.	:	09.05.2025 (1500 Hrs)
11.	Validity of bids	:	180 days from Bid due date
12.	Commencement of Work	:	Within 01 day of date of LOA

# Section 04:

## Instructions to Bidders

## Section 04: Instructions to Bidders (ITB)

### 4.1. Scope of Bid

- 4.1.1. The Employer wishes to receive Bids for Selection of experienced and capable Contractor for the “Interiors and Fit-out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Based on detailed BOQ including Defects Liability Period of 1 (One) years.”

### 4.2. Eligibility of bidder

- 4.2.1. For determining the eligibility of Bidder for their qualification hereunder, the following shall apply:

- a) The Bidder may be a single entity or a group of entities (not exceeding 3 entities) coming together to implement the Project. However, the Bidder, applying individually or as a member of a Joint Venture, as the case may be, cannot be member of another group of entity. The term Bidder used herein would apply to both a single entity and a Joint Venture.
- b) A Bidder may be a company or a combination of companies with a formal intent to enter into a Joint Venture agreement or under an existing agreement to form a Joint Venture. A Joint Venture shall be eligible for consideration subject to the conditions set out in Clause 4.2.3 below.
- c) A Bidder shall not have a conflict of interest (the "Conflict of Interest") that affects the Bidding Process. Any Bidder found to have a Conflict of Interest shall be disqualified. A Bidder shall be deemed to have a Conflict of Interest affecting the Bidding Process, if: -
  - i. the Bidder, its Member or any constituent thereof and any other Bidder, its Member or any constituent thereof have common controlling shareholders or other ownership interest; provided that this disqualification shall not apply in cases where the direct or indirect shareholding of the Bidder, its Member thereof (or any shareholder thereof having a shareholding of more than 5 per cent of the paid up and subscribed share capital of such Bidder, Member, as the case may be), in the other Bidder, its Member is less than 5 per cent of the subscribed and paid up equity share capital thereof; provided further that this disqualification shall not apply to any ownership by a bank, insurance company, pension fund or a public financial institution referred to in section 4A of the Companies Act 1956/2013. For the purposes of this Clause 4.2.1 (c), indirect shareholding held through one or more intermediate persons shall be computed as follows: (aa) where any intermediary is controlled by a person through management control or otherwise, the entire shareholding held by such controlled intermediary in any other person (the "Subject Person") shall be taken into account for computing the shareholding of such controlling person in the Subject Person; and (bb) subject always to sub-clause (aa) above, where a person does not exercise control over

an intermediary, which has shareholding in the Subject Person, the computation of indirect shareholding of such person in the Subject Person shall be undertaken on a proportionate basis; provided, however, that no such shareholding shall be reckoned under this sub – clause (bb) if the shareholding of such person in the intermediary is less than 26% of the subscribed and paid up equity shareholding of such intermediary; or

- ii. a constituent of such Bidder is also a constituent of another Bidder; or
  - iii. such Bidder, or any Associate thereof, receives or has received any direct or indirect subsidy, grant, concessional loan or subordinated debt from any other Bidder, or has provided any such subsidy, grant, concessional loan or subordinated debt to any other Bidder, its Member thereof; or
  - iv. such Bidder has the same legal representative for purposes of this Bid as any other Bidder; or
  - v. such Bidder, or any Associate thereof has a relationship with another Bidder, or any Associate thereof, directly or through common third party/ parties, that puts either or both of them in a position to have access to each other's' information about, or to influence the Bid of either or each other; or
  - vi. such Bidder, or any Associate thereof, has participated as a consultant to the Employer in the preparation of any documents, design or technical specifications of the Project.
- d) A Bidder shall be liable for disqualification and forfeiture of BID Security, if any legal, financial or technical adviser of the Authority in relation to the Project is engaged by the Bidder, its Member or any Associate thereof, as the case may be, in any manner for matters related to or incidental to such Project during the Bidding Process or subsequent to the (i) issue of the LOA or (ii) execution of the Agreement. In the event any such adviser is engaged by the selected Bidder or Contractor, as the case may be, after issue of the LOA or execution of the Agreement for matters related or incidental to the project, then notwithstanding anything to the contrary contained herein or in the LOA or the Agreement and without Prejudice to any other right or remedy or the Authority, including the forfeiture and appropriation of the BID Security or Performance Security, as the case may be, which the Authority may have there under or otherwise, the LOA or the Agreement, as the case may be, shall be liable to be terminated without the Authority being liable in any manner whatsoever to the Selected Bidder or Contractor for the same. For the avoidance or doubt, this disqualification shall not apply where such adviser was engaged by the Bidder, its Member or Associate in the past but its assignment expired or was terminated 6 (six) months prior to the date of issue of this RFQ cum RFP. Nor will this disqualification apply where such adviser is engaged after a period of 3 (three) years from the date of commercial operation of the Project.

4.2.2. To be eligible for the bidding, the bidder, shall fulfil the following conditions of eligibility:

(A) Technical Capacity:

- (i) Firms eligible to bid in the tender should have undertaken comprehensive architectural design, interior design, execution of civil and interior works. Bidders with previous experience of working with Government bodies, PSUs etc will be preferred.
- (ii) "Similar Works" shall mean – "Comprising Civil works, Electrical Works, AC, Fire, Furniture & IT at any Non-Residential building" with reputed organization/department including all external & internal services in last 3 (Three) years.

For demonstrating technical capacity and experience (the "Technical Capacity"), the Bidder, over the past 3 (three) financial year preceding the Bid Due Date viz FY 2015 – 16, FY 16 – 17, FY 2017 - 18 should have executed "Similar works" as defined below and copy of completion certificate must be enclosed:

- a) At least three similar completed work – Rs. 1.94 crs each, or
  - b) At least two similar completed work – Rs. 2.43 crs each, or
  - c) At least one similar completed work – Rs 3.89 crs
- (iii) The bidder shall be holding a valid "A" Class electrical contracting licence as on the date of submission of the bid. For a bidding consortium, the lead member of the consortium shall be holding a valid "A" class electrical contracting licence on the date of submission of the bid.

(B) Financial Capacity:

- (i) Average annual turnover during last three financial years ending 31<sup>st</sup> March of the previous financial year i.e. FY 2023 - 2024, should be at least 40% of the estimated cost put to tender. The Bidder should submit attested copies of Balance sheet and auditor's report / CA Certificate for the Financial Year viz FY 2021 – 22, FY 2022 – 23, FY 2023 – 24.
- (ii) Net Worth: The Bidder shall have a minimum Net Worth (the "Financial Capacity") of 30% of the Estimated Cost put to Tender at the close of the preceding financial year i.e. FY 2023 - 24.

For the purposes of this RFQ cum RFP, net worth (the "Net Worth") shall mean the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the

audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

All the above items should be certified by the Statutory Auditor / CA of the company.

4.2.3. In case of a Joint Venture (not exceeding 3 entities)

- (i) Requirement of Clause 4.2.2 (A) (i) shall be met by lead member of the JV members. The requirement of Clause 4.2.2 (A) (ii) the threshold technical capacity should be satisfied collectively by all JV members.
- (ii) The Technical and Financial Capacity of all the Members of Joint Venture would be taken into account for satisfying the above conditions of eligibility. Further, Lead Member shall meet at least 60% requirements of Financial Capacity required as per Clause 4.2.2 (B) and each of other JV members shall meet at least 30% requirement of Financial capacity as per Clause 4.2.2 (B) For avoidance of doubt it is further clarified that the Joint Venture must collectively and individually satisfy the above qualification criteria. JV as a whole shall cumulatively / collectively fulfil the 100% requirement.

4.3. Change in composition of the Joint Venture.

Change in the composition of a Joint Venture will not be permitted by the Employer during the Bid Stage and after the award of work till the scope is completed in all respects

4.4. Number of Bids and costs thereof

- 4.4.1. No Bidder shall submit more than one Bid for the Project. The Bidder applying individually or as a member of a Joint Venture shall not be entitled to submit another Bid either individually or as a member of any Joint Venture, as the case may be.
- 4.4.2. The Bidder shall be responsible for all of the costs associated with the preparation of their Bids and their participation in the Bid Process. The Employer will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the Bidding Process.

4.5. Site visit and verification of information

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to the risk, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site, whether he inspect it or not and no extra charges consequent on any misunderstandings or he inspect it or not and no extra charges consequent on any

misunderstandings or otherwise shall be allowed. Concept Layout Plan is attached for reference.

The dimensions/ area statement highlighted in the concept plan are indicative in nature only.

#### 4.6. Acknowledgement by Bidder

- 4.6.1. Submission of a tender by a bidder implies that he has read this notice and all other contract documents and has made himself of the scope and specifications of the work to be done.
- 4.6.2. The Employer shall not be liable for any omission, mistake or error in respect of any of the above or on account of any matter or thing arising out of or concerning or relating to the RFQ cum RFP or the Bidding Process, including any error or mistake therein or in any information or data given by the Employer.

#### 4.7. Right to accept or reject any or all Applications/ Bids

- 4.7.1. Notwithstanding anything contained in this RFQ cum RFP, the Employer reserves the right to accept or reject any Bid and to annul the Bidding Process and reject all Applications/ Bids, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons therefore. In the event that the Employer rejects or annuls all the Bids, it may, in its discretion, invite all eligible Bidders to submit fresh Bids hereunder.
- 4.7.2. The Employer reserves the right to reject any Application and/ or Bid if:
  - (a) at any time, a material misrepresentation is made or uncovered, or
  - (b) The Bidder does not provide, within the time specified by the Employer, the supplemental information sought by the Employer for evaluation of the Bid.

If the Bidder is a Joint Venture, then the entire Joint Venture may be disqualified/ rejected. If such disqualification/ rejection occurs after the Bids have been opened and the Lowest Bidder gets disqualified/ rejected, then the Employer reserves the right to:

- (i) invite the next lowest Bidder to match the price bid of the first lowest bidder
- (ii) Take any such measure as may be deemed fit in the sole discretion of the Employer, including annulment of the Bidding Processes.

- 4.7.3. In case it is found during the evaluation or at any time before signing of the Agreement or after its execution and during the period of subsistence thereof, including the Defects Liability Period, that one or more of the bid conditions have not been met by the Bidder, or the Bidder has made material misrepresentation or has given any materially incorrect or false information, the Bidder shall be disqualified forthwith if not yet appointed as the Contractor either by issue of the LOA or entering into the Percentage Rate Agreement, and if the Bidder has already been issued the LOA or has entered into the Percentage Rate Agreement, as the case may be, the same shall, notwithstanding anything to the contrary contained therein or in this RFQ cum RFP, be liable to be terminated, by a communication in writing by the Employer to the Bidder, without the Employer being liable in any manner whatsoever to the Bidder and without prejudice to any other right or remedy which the Employer may have under this RFQ cum RFP, the Bidding Documents, the Percentage Rate Agreement or under applicable law.
- 4.7.4. The Employer reserves the right to verify all statements, information and documents submitted by the Bidder in response to the RFQ cum RFP. Any such verification or lack of such verification by the Employer shall not relieve the Bidder of its obligations or liabilities hereunder nor will it affect any rights of the Employer thereunder.

4.7.5. Checklist for Submission

The Bidder shall submit the BID online along with other supporting scanned documents as mentioned below:

S. No.	Check List for Physical Submission of Technical Bid Documents to NICDC Office	Attached	
		Yes	No
1	Tender Processing Fee Rs. <b>50,000/- (Plus applicable GST)</b> (non-refundable)		
2	Bid Security in form of DD / Pay Order Rs. 10,00,000/- (The bid security may be accepted in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks or payment online in an acceptable form, safeguarding the purchaser's interest in all respects.)		
3	Joint Bidding Agreement, if applicable		
4	Power of Attorney for Authorized Representative		
5	Power of Attorney for Lead Member of Joint Venture, if applicable		

S. No.	Check List for online submission of Technical Bid Documents	Attached	
		Yes	No
1	Tender Documents Duly Signed & Stamped		
2	(Letter comprising the Technical BID) Appendix-I;		
3	Tender Processing Fee Rs. 50,000/- (Plus applicable GST) (non-refundable)		
4	Bid Security in form of DD / Pay Order Rs. 10,00,000/-		
5	Power of Attorney for Authorized Representative		
6	Joint Bidding Agreement (if applicable)		
7	Power of Attorney for Lead Member of Joint Venture, if applicable		
8	Integrity Pact as per Appendix – VII		
9	Non-Disclosure Agreement as per Appendix-VIII		

10	Copy of PAN & GST		
11	Proof of average annual financial turnover of firm during last 3 years ending 31 <sup>st</sup> March 2018 (i.e. 2015-16, 2016-17 & 2017-18) equal or more than 30% of the estimated cost. The copies of Balance sheet and auditor's report / CA Certificate for the Financial Year viz FY 2015 – 16, FY 16 – 17, FY 2017 – 18		
12	Proof of having successfully completed similar works during last 3 years ending last 31 <sup>st</sup> March 2024 (i.e. 2021-22, 2022-23 & 2023-24) equal or more than as per following:		
	a. At least 3 similar completed works costing more than or amount equal to 40% of the estimated cost. The copies of completion certificate are to be enclosed OR		
	b. At least 2 similar completed works costing more than or amount equal to 50% of the estimated cost. The copies of completion certificate are to be enclosed OR		
	c. At least 1 similar completed works costing to more than or amount equal to 80% of the estimated cost. The copies of completion certificate are to be enclosed		
13	All the above certificates /documents shall be submitted by the firms duly signed with seal and uploaded online. The original shall be produced for verification as and when required.		
14	Letter from OEM as per market list uploaded shall be submitted for Furniture stating that “Material will be delivered to the site within 30 days from the date of PO issued from the vendor and same to be submitted at the time of tender submission.		

S. No.	Check List for online submission of Financial Bid Documents	Attached	
		Yes	No
1	Letter comprising the Financial Bid- Appendix-I B		
2	Price Bid - Appendix-I B Annex- I (Percentage BoQ)		

#### 4.7.6. Physical Submission of Technical Bid Documents to NICDC Office

Each of the documents to be submitted physically shall be placed in a sealed envelope and addressed to: The Employer's address details as given below:

ATTN. OF: CEO & MD, NICDC  
ADDRESS: 8<sup>th</sup> Floor, tower 1,  
Jeevan Bharti Building ,  
Connaught Place, New Delhi – 110001  
E-MAIL: [contactus@nicdc.in](mailto:contactus@nicdc.in)

- 4.7.7. If the envelopes are not sealed and marked as instructed above, the Employer assumes no responsibility for the misplacement or premature opening of the contents of the Bid and consequent losses, if any, suffered by the Bidder.

4.7.8. Bids submitted by fax, telex, telegram or e-mail shall not be entertained and shall be rejected.

#### 4.8. Clarifications and Amendments to Tender Documents

4.8.1. Interested Parties may seek clarification on this tender document within 7 days from date of floating of tender document. Any request for clarification must be sent to below mentioned email address:

Email: [contactus@nicdc.in](mailto:contactus@nicdc.in) The Client will endeavor to respond to all the queries.

4.8.2. Amendment of tender documents:

At any time prior to the deadline for submission of Bid, the Employer may, for any reason, whether at its own initiative or in response to clarifications requested by the Bidder, modify the RFQ cum RFP by the issuance of Addenda.

Any Addendum thus issued will be published only on the website <https://eprocure.gov.in/eprocure/app> and [www.nicdc.in](http://www.nicdc.in)

In order to afford the Bidders a reasonable time for taking an Addendum into account, or for any other reason, the Employer may, in its sole discretion, extend the Bid Due Date.

#### 4.9. Preparation and submission of Bid

4.9.1. Language

The Bid and all related correspondence and documents in relation to the Bidding Process shall be in English language. Supporting documents and printed literature furnished by the Bidder with the Bid may be in any other language provided that they are accompanied by translations of all the pertinent passages in the English language, duly authenticated and certified by the Bidder. Supporting materials, which are not translated into English, may not be considered. For the purpose of interpretation and evaluation of the Bid, the English language translation shall prevail.

4.9.2. Format and signing of Bid Application

The Bidder shall provide all the information sought under this RFQ cum RFP. The Employer will evaluate only those Bids that are received online in the required formats and complete in all respects and Bid Security, Tender Document Fee, POA and are received in Hard copies. Incomplete and /or conditional Bids shall be liable to rejection.

#### 4.9.3. Bid Due Date

Bids should be submitted online before 1500 hours IST on the Bid Due Date, and physical documents should be submitted at the address provided in the Data Sheet before 1500 hours IST on the Bid Due Date in the manner and form as detailed in this RFQ cum RFP.

The Employer may, in its sole discretion, extend the Bid Due Date by issuing an Addendum uniformly for all Bidders.

#### 4.9.4. Late Bids

Bids received by the Employer after the specified time on the Bid Due Date shall not be eligible for consideration and shall be summarily rejected.

#### 4.10. Modifications/ substitution/ withdrawal of Bids

4.10.1. The Bidder may modify, substitute or withdraw its e- BID after submission prior to the BID Due Date. No BID shall be modified, substituted or withdrawn by the Bidder on or after the BID Due Date & Time.

4.10.2. Any alteration / modification in the BID or additional information supplied subsequent to the BID Due Date, unless the same has been expressly sought for by the Employer shall be disregarded.

4.10.3. For modification of e-BID, bidder has to detach its old BID from e-tendering portal and upload / resubmit digitally signed modified BID.

4.10.4. For withdrawal of BID, bidder has to click on withdrawal icon at e-tendering portal and can withdraw its e-BID.

4.10.5. Before withdrawal of a BID, it may specifically be noted that after withdrawal of a BID for any reason, bidder cannot re-submit the e-BID.

#### 4.11. Evaluation Process

##### Evaluation of Technical Bids

4.11.1. Bids for which a notice of withdrawal has been submitted shall not be opened.

4.11.2. The Employer will subsequently examine and evaluate Bids in accordance with the provisions set out in this tender document.

- 4.11.3. Bidders are advised that qualification of Bidders will be entirely at the discretion of the Employer. Bidders will be deemed to have understood and agreed that no explanation or justification on any aspect of the Bidding Process or selection will be given.
- 4.11.4. Any information contained in the Bid shall not in any way be construed as binding on the Employer, its agents, successors or assigns, but shall be binding against the Bidder if the Project is subsequently awarded to it on the basis of such information.
- 4.11.5. The Employer reserves the right not to proceed with the Bidding Process at any time without notice or liability and to reject any or all bid (s) without assigning any reasons.
- 4.11.6. If any information furnished by the Bidder is found to be incomplete, or contained in formats other than those specified herein, the Employer may, in its sole discretion, exclude the relevant project/similar work from computation of the Eligible Score of the Bidder.
- 4.11.7. In the event that a Bidder claims credit for an Eligible Project and such claim is determined by the Employer as incorrect or erroneous, the Employer shall reject such claim and exclude the same from computation, make a further deduction equivalent to the claim rejected hereunder. Where any information is found to be patently false or amounting to a material misrepresentation, the Employer reserves the right to reject the Application and / or Bid in accordance with the provisions of this tender document.
- 4.11.8. After evaluation of Technical Bids as per the Evaluation Criteria, the Employer will inform the technically responsive Bidders whose financial bids shall be opened. The Employer shall notify other bidders that they have not been technically responsive. The Employer will not entertain any query or clarification from Bidders who fail to qualify.

#### 4.12. Confidentiality

Information relating to the examination, clarification, evaluation, and recommendation for the qualified Bidders shall not be disclosed to any person who is not officially concerned with the process or is not a retained professional advisor advising the Employer in relation to or matters arising out of, or concerning the Bidding Process. The Employer will treat all information, submitted as part of Bid, in confidence and will require all those who have access to such material to treat the same in confidence. The Employer may not divulge any such information unless it is directed to do so by any statutory entity that has the power under law to require its disclosure or is to enforce or assert any right or privilege of the statutory entity and/ or the Employer or as may be required by law or in connection with any legal process.

#### 4.13. Clarifications of Bids/ Shortfall Documents

4.13.1. To facilitate evaluation of BIDs, the Employer may, at its sole discretion, seek clarifications from any Bidder regarding its Bid. Such clarification(s) shall be provided within the time specified by the Employer for this purpose. Any request for clarification(s) and all clarification(s) in response thereto shall be in writing.

4.13.2. If the Bidder does not provide clarifications sought under Clause 4.13.1 above within the prescribed time, its Bid shall be liable to be rejected. In case the Bid is not rejected, the Employer may proceed to evaluate the Bid by construing the particulars requiring clarification to the best of its understanding, and the Bidder shall be barred from subsequently questioning such interpretation of the Employer.

#### 4.14. BID Security

4.14.1. The BID Security (Refundable) of Rs. 10,00,000/- is to be submitted through Pay Order/Demand Draft drawn in favour of National Industrial Corridor Development Corporation Limited payable at New Delhi. The bid security may be accepted in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks or payment online in an acceptable form, safeguarding the purchaser's interest in all respects.

No interest will be payable on BID SECURITY. In the case of successful bidder, earnest money deposit will be adjusted towards the security deposit or it may be forfeited in case the successful bidder refuses to accept the award of supply or fails to complete the required formalities within the specified and permitted time. The earnest money is refundable to the unsuccessful bidders only after the finalization of the tender. The tender without BID Security will be summarily rejected.

- a) Any BID not accompanied by the BID Security shall be summarily rejected by the Employer as non-responsive.
- b) Bid Security of the unsuccessful Bidder(s) will be returned within 30 days, without any interest, upon the selected bidder signing the Contract Agreement and furnishing the Performance Security in accordance with the provisions thereof.
- c) The Selected Bidder's BID Security will be returned within 30 days, without any interest, upon the selected bidder signing the Contract Agreement and furnishing the Performance Security in accordance with the provisions thereof. The Employer may, at the Selected Bidder's option, adjust the amount of BID Security in the amount of Performance Security to be provided by him in accordance with the provisions of the Agreement.
- d) The Employer shall be entitled to forfeit and appropriate the BID Security as Damages inter alia in any of the events specified in Clause below herein below. The Bidder, by submitting its BID pursuant to this RFQ cum RFP, shall be deemed to have

acknowledged and confirmed that the Employer will suffer loss and damage on account of withdrawal of its BID or for any other default by the Bidder during the period of BID validity as specified in this RFQ cum RFP. The BID Security shall be forfeited and appropriated by the Employer as damages payable to the Employer for, inter-alia, time cost and effort of the Employer without prejudice to any other right or remedy that may be available to the Employer under the bidding documents and / or under the Agreement, or otherwise, under the following conditions:

- i. If a Bidder engages in a corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice as specified in GCC of this RFQ cum RFP;
- ii. If a Bidder withdraws its BID during the period of Bid validity as specified in this RFQ cum RFP and as extended by mutual consent of the respective Bidder(s) and the Employer;
- iii. In the case of Selected Bidder, if it fails within the specified time limit –
  - 1. to sign and return the duplicate copy of LOA.;
  - 2. to sign the Agreement within the time frame as mentioned in the Percentage Rate Agreement;
  - 3. to furnish the Performance Security within the period prescribed therefore in the Agreement or in this RFQ cum RFP; or
  - 4. fail to commence the work within the stipulated time period prescribed in the contract.
- e) In case the Selected Bidder, having signed the Agreement, commits any breach thereof prior to furnishing the Performance Security.

4.14.2. Within 14 (Fourteen) working days from the date of Letter of Award, the successful bidder shall furnish a performance security of 5 % of Contract Value in accordance with the provisions and format given in the agreement.

#### 4.15. Prices to be in Figures and Words

The BID shall be furnished in the format exactly as per Appendix-I B Annex-I, contractor must ensure to quote single percentage rate up to 2 decimals.

# Section 05:

## Criteria for Evaluation

## Section 05: Criteria for Evaluation

### 5.1. Evaluation parameters

- 5.1.1. Only those Bidders who meet the eligibility criteria specified in Section 4, Clause No. 4.2 above shall qualify for evaluation under this Section 5. Bids of firms/ Joint Venture who do not meet these criteria shall be rejected.
- 5.1.2. The Bidder's competence and capability is proposed to be established by the following parameters:
  - a) Technical Capacity
  - b) Financial Capacity

### 5.2. Technical Capacity for purposes of evaluation

- 5.2.1. Eligible Experience in respect of each category shall be measured only for Similar Works submitted along with Completion Certificates.

For a work to qualify as an Eligible work for the similar work (Clause 4.2.2) category the Bidder should have executed the works fully during the 3 (Three) financial years immediately preceding the Bid Due Date submitted along with the Completion Certificate. For the avoidance of doubt, construction works shall not include supply of goods or equipment alone except when such goods or equipment form part of a turn-key construction contract / EPC contract/Design Build Contract/ Item Rate/ Percentage Rate for the work mentioned.

### 5.3. Financial information for purposes of evaluation

- 5.3.1. In case the annual accounts for the latest financial year are not audited and therefore the Bidder cannot make it available, the Bidder shall give an undertaking to this effect and the statutory auditor / CA shall certify the same. In such a case, the Bidder shall provide the Audited Annual Reports / CA Certificate and Balance Sheet for 3 (Three) years.
- 5.3.2. The Bidder must establish the minimum Financial Criteria specified in Clause 4.2.2 (B), and provide details as per format at Annex-II B of Appendix-I.

### 5.4. Qualification of Bidders

- 5.4.1. The Bidders meeting the qualification requirements as per this RFQ cum RFP shall be notified officially after due verification of their credential information in support of qualification.

5.4.2. The bidder shall also upload the following documents along with the bid to enable the Employer to have an insight into the understanding of the tender and preparedness of the bidder toward the tender:

- a) Company profile: - The bidder should provide a company profile showcasing all the projects and works undertaken by it in the past with all the relevant information therein.
- b) Project Approach & execution methodology. Softwares to be used for planning and material control.
- c) A proposal will be considered unsuitable and will be rejected at this stage if it does not respond to important aspects of Bidding Document.
- d) The technical evaluation as specified in this tender will be carried out only for those Applicants who submit the EMD amount and tender fee as prescribed in this tender.

## 5.5. Opening of Financial Bid

5.5.1. Based on this technical evaluation, a list of technically qualified Applicants shall be prepared. Only the Financial Proposals of technically qualified Applicants will be opened. The Applicant quoting the lowest amount shall be preferred for award of project (the "Selected Applicant") while the second ranked Applicant will be kept in reserve.

5.5.2. The Financial Proposals will be opened publicly in the presence of Bidders' representatives who choose to attend. The name of the Bidder and the quoted percentage rate and quoted rate will be read aloud and recorded when the Financial Proposals are opened. Evaluation Committee will determine whether the Financial Proposals are complete in all respects, unqualified and unconditional, and submitted in accordance with the terms hereof.

## 5.6. Selection of Bidder

5.6.1. The Bidder whose BID is adjudged as responsive in terms of provisions of this tender document and who quotes the most economical percentage shall be declared as the selected Bidder (the "Selected Bidder").

If the Bid of the successful Bidder is seriously unbalanced in relation to the Employer's estimate of the cost of work to be performed under the contract, the Employer may require the Bidder to produce detailed price analysis for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed.

In the event that the Employer rejects or annuls all the BIDs, it may, in its discretion, invite all eligible Bidders to submit fresh BIDs hereunder.

- 5.6.2. In the event that two or more Bidders quote the same BID price/percentage rate (the "Tie BIDs"), the Employer shall identify the Selected Bidder by the following criteria
- i. The bidder who has executed larger carpet area of Office spaces in last 3 (Three) years will be considered as selected bidder.
  - ii. In case of a tie, bidder qualify or does not qualify under above clause, then the bidder who has executed a larger value of contracts will be considered as the "selected bidder".
- 5.6.3. After selection, a Letter of Award (the "LOA") shall be issued, in duplicate, by the Employer to the Selected Bidder and the Selected Bidder shall, within 3 (three) working days of the receipt of the LOA, sign and return the duplicate copy of the LOA in acknowledgement thereof. In the event the duplicate copy of the LOA duly signed by the Selected Bidder is not received by the stipulated date, the Employer may, unless it consents to extension of time for submission thereof, appropriate the BID Security of such Bidder as Damages on account of failure of the Selected Bidder to acknowledge the LOA.
- 5.6.4. After acknowledgement of the LOA as aforesaid by the Selected Bidder, it shall cause the bidder to execute the Agreement within a period of 7 working days from the issuance of LoA. The Selected Bidder shall not be entitled to seek any deviation, modification or amendment in the Agreement.

# Section 06:

## Special Conditions of Contract

## Section 06: Special Conditions of Contract

### 6.1. Order of Priority of Contract Documents

Where there is any conflict between the various documents in the contract, the following order of priority shall be followed i.e. a document appearing earlier shall override the document appearing subsequently:

- 1) Agreement
- 2) Letter of Acceptance of Tender
- 3) Special Conditions of the Contract
- 4) General Conditions of Contract
- 5) Quoted Percentage Rate (Bill of Quantities)
- 6) Drawing (Concept Layout)
- 7) Relevant codes and Standards
- 8) Technical Specifications
- 9) Appendix to Tender

### 6.2. Contract Agreement

The Contractor shall enter into and execute the Contract agreement in the form of agreement (Section: 10) within 07 working days from the date of issue of Letter of Acceptance. The stamp papers of the requisite value as per the prevailing laws shall be provided by the Contractor at his own cost. Original agreement shall be retained by the Employer/Engineer and a certified copy shall be made available to the Contractor.

### 6.3. Contractor's Representative

When the Contractor is not in a position to be present, he shall keep responsible representative at site or work place during all working hours, who shall present himself to the Engineer, Engineer's Representative or their Assistants. The instructions and orders given to the Contractor's representative shall be deemed to have the same force as if they have been given to the Contractor. The Contractor should furnish the necessary Power of Attorney in favour of his representative for the purpose of this clause. Failure on part of the Contractor to comply with this provision shall constitute a breach of Contract and may lead to action under Clause 6.5.

### 6.4. Subcontracting

6.4.1. The Contractor may subcontract only upto 30% of the contract value. The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the prior consent of the Engineer in writing. Any such consent shall not relieve the Contractor from any of his liability or obligation under the Contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his representative, servants or workmen as fully as if they were the acts, defaults or neglects of the Contractor.

6.4.2. Provided always that execution of specific works by petty contactors, or on piecework basis, under the personal supervision of the Contractor, shall not be deemed to be subcontracting under this clause.

#### 6.5. Provisions of Efficient and Competent Staff

6.5.1. The Contractor shall employ and keep on the works at all times efficient and competent staff to give necessary directives to his workers to see that they execute works in a safe and proper manner. The Contractor shall employ only such supervisors and workmen as are capable, careful, and skilled.

6.5.2. The Contractor shall appoint and nominate a key personal, preferably an Architect, who will head the Contractor's design unit and shall be responsible for preparation of preliminary and detailed designs & shop drawings and their approval during execution from the client / employer.

6.5.3. The Engineer shall be at liberty to object to and order the Contractor to remove forthwith from the works, any person employed by the Contractor in or about the execution of works or maintenance of works, who, in the opinion of the Engineer, mis-conducts himself or is incompetent or negligent in the proper performance of his duties or whose employment is otherwise considered by the Engineer to be undesirable and such person shall not be employed again in the works without the written permission of the Engineer. Any person so removed from the works shall be replaced within 7 working days by a competent substitute.

#### 6.6. Design and Construction Phase

The dimensions/ area statement highlighted in the concept plan are indicative in nature only.

The Design Phase shall immediately commence upon issuance of LOA to the Contractor. Contractor's submittals during Design Phase for the Scope of Works shall include the following stages: -

- i. Working Drawings (WD)
- ii. Shop Drawings (SHD)

### iii. As-Built Drawings (ABD)

However, their approval shall be taken by the contractor from the employer and Employer shall duly communicate approvals or any comments therein with a period of 3 working days. If no response is received from employer within the stipulated period of 3 working days, it may be construed as deemed approval.

## 6.7. Specifications and Drawings

6.7.1. The Contractor shall keep at site in good condition one copy of latest approved Specifications and Drawings and also such other Contract documents as may be necessary and make them available to the Client/Employer/Engineer or his Representative at all reasonable times. Any specification & drawing shall not be used on any other work or communicated to a third party by the Contractor.

### 6.7.2. Adherence to Specifications and Drawings

The work shall be executed in perfect conformity with the specifications and drawings of the Contract issued to the Contractor by the Engineer from time to time. If the Contractor does any work or part of work in a manner contrary to the specifications or drawings without the approval of the Engineer, he shall bear all the costs arising there from including dismantling and reconstruction strictly in accordance with the specifications and drawings and shall be responsible for all the losses/delays to the Employer/Engineer. The term drawings in this sub-clause also includes the drawings prepared by the Contractor and approved by the Engineer.

### 6.7.3. Meaning & Intent of Specifications and Drawings

If any ambiguity arises as to the meaning and intent of any portion of the specifications and drawings or as to execution or quality of any work or material or as to the measurement of the works, the decision of the Engineer thereon shall be final and binding.

## 6.8. Terms of Payment

Payment shall be made on account against the (Running Account) R.A. along with supporting documents, invoices, proof of payment against statutory obligations only to be produced by the Contractor and verified by the Engineer In Charge / Authorized Officer of NICDC. The R.A. Bills can be put up maximum once as per the payment schedule. Payments shall be made on the basis of actual work executed and measured, at the rates of BOQ adjusted by the quoted percentage increase/decrease.

Schedule of Completion of works and Payment Terms: The work shall be completed as per the following milestones. The payment shall be released against each item only on completion of the respective milestone or part thereof.

### Payment Schedule

Sr.No.	Timeline	Milestone	% of Payment on Total Contract Price
1.	Within 10 days from the date of Contract Agreement/ Issuance of Work Order	i) Layout markings ii) Conduiting work complete iii) Cement Concrete work complete iv) Frame work of partition complete. v) Placement of 100% supply order for Furniture and Audio-Video, Lights, Appliances, Sanitary Items & all other items	25%
2.	Within 15 days from the date of Contract Agreement/ Issuance of Work Order	i) 50% completion of flooring ii)50% completion of partition works iii)50% work of all type of wirings iv)50% framing work for false ceiling v)50% piping & Plumbing works. vi)50% IT work vii)50% VRV Works viii) 50% of FAS & FSS System Work	10%
3.	Within 30 days from the date of Contract Agreement/ Issuance of Work Order	i)75% Fire work ii)75% Electrical works, light fittings, iii)75% Plumbing & sanitary work Complete. iv)75% VRV works v)75% IT Work vi)100% delivery of Furniture vii) 75% FAS & FSS System work	15%
4.	Within 45 days from the date of Contract Agreement/ Issuance of Work Order	i)100% Fire work ii)100% Electrical works, light fittings, iii)100% Plumbing & sanitary work Complete. iv)100% VRV works v)100% IT work vi)100% Furniture Work	45%

		vii) 100% FAS & FSS System work viii) Any other work those to complete the project. ix) Testing commissioning and handing over the complete project to client & submission of Project documents like warranty/guarantee cards/Item Invoices etc. and any other documents completed in all respects.	
5.	DLP will be commenced from the date of Handover of the project	After expiry of Defect Liability Period of one year.	5%

6.8.1 Advance Payment: - DELETED

6.8.2 The retention money of 5% of the gross value of each running / final bill and will be payable to the contractor at the end of defect liability period.

6.8.3 All applicable statutory deduction to be done by the client before release of any payment to the Contractor.

6.8.4 **No Escalation Clause:-** This is a Percentage Rate Contract based on the detailed Bill of Quantities (BOQ). Therefore, the quoted percentage rate shall remain firm and fixed for the entire duration of the project, including any extension periods granted by the Employer. No escalation or variation on account of increase in prices of materials, labour, statutory taxes, duties, fuel, or any other input cost shall be admissible under any circumstances during the execution of the contract.

Any anticipated or unforeseen cost escalation shall be deemed to have been considered and included in the quoted percentage rate submitted by the Contractor.

6.9. Performance Bank Guarantee

6.9.1 The Contractor shall, for the performance of its obligations hereunder during the Construction Period, provide to the Employer performance security, within 07 (Seven) working days of the date of LOA. Performance Security may be furnished in the form of an Account Payee Demand Draft, Bank Guarantee, Fixed Deposit Receipt from a Nationalized or commercial scheduled bank, issued/confirmed from the bank in an irrevocable and unconditional Guarantee in the form set forth in Appendix V (the "Performance Security") for an amount equal to 5.0% (five percent) of the Contract Value. The Performance Security shall be valid until 60 (sixty) days after the Defects Liability Period. Until such time the Performance Security is provided by the Contractor pursuant hereto and the same comes into effect, the Bid Security shall remain in force and effect,

and upon such provision of the Performance Security, the Employer shall release the Bid Security to the Contractor. Performance Security may be furnished in the form of **Insurance Surety Bonds**, Account Payee Surety Bonds, Demand Draft, Fixed Deposit Receipt from a Commercial bank, Bank Guarantee from a Commercial bank or online payment in an acceptable form safeguarding the purchaser's interest in all respects.

692. In the event the Contractor fails to provide the Performance Security within 07 (seven) working days of the date of LOA, it may seek extension of time for a period not exceeding 5 (five) days on payment of Damages for such extended period in a sum calculated at the rate of 0.5% (zero point five per cent) of the Contract Value for each day until the Performance Security is provided.

693. Additional Performance Bank Guarantee { Valid in case of Abnormally Low Bid (ALB) by the L-1 Bidder i.e. Winning Quote/Bid is less than 85% of Estimate Cost put to tender.} – Full amount equivalent to the difference between the “85% of the Estimated Cost put to tender” and “ALB”

694. Extension of Performance Security

The Contractor may procure the extension of the validity of the Performance Security, as necessary, at least 2 (two) months prior to the date of expiry thereof. Upon the Contractor providing an extended Performance Security, the previous Performance Security shall be deemed to be released and the Employer shall return the same to the Contractor within a period of 7 (seven) business days from the date of submission of the extended Performance Security.

695. Appropriation of Performance Security

Upon occurrence of a Contractor's Default, the Employer shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to encash and appropriate the relevant amounts from the Performance Security as Damages for such Contractor's Default. Upon such encashment and appropriation from the Performance Security, the Contractor shall, within 30 (thirty) days thereof, replenish, in case of partial appropriation, to its original level the Performance Security, and in case of appropriation of the entire Performance Security provide a fresh Performance Security, as the case may be, and the Contractor shall, within the time so granted, replenish or furnish fresh Performance Security as aforesaid failing which the Employer shall be entitled to terminate the Agreement in accordance with Clause 7.68 of GCC. Upon replenishment or furnishing of a fresh Performance Security, as the case may be, as aforesaid, the Contractor shall be entitled to an additional Cure Period of 30 (thirty) days for remedying the Contractor's Default, and in the event of the Contractor not curing its default within such Cure Period, the Employer shall be entitled to encash and appropriate such Performance Security as Damages, and to terminate this Agreement in accordance with Clause 7.68 of GCC.

696. Release of Performance Security

The Employer shall return Performance security after successful completion of the Defect Liability Period.

#### 6.10. Retention Money

##### 6.10.1. Retention Money:

Retention money for the contract shall be recovered from gross value of each running/final bill of the Contractor @ 5% of Contract value.

No interest shall be payable to the Contractor on the amount retained in cash towards retention money.

##### 6.10.2. Release of Retention Money:

The Retention Money shall be released to the Contractor after preparation of final bill and acceptance of the same by the Contractor and after the expiry of the defect liability period specified in the Contract, reckoned from the date on which the Engineer shall have issued the Certificate of Completion comprising the whole of works. The retention money shall be released after all failures, defects, imperfections, shrinkages and faults have been rectified by the Contractor to the satisfaction of the Engineer and Defect Liability certificate is issued by the Engineer.

Upon occurrence of a Contractor's Default, the Employer shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to appropriate the relevant amounts from the Retention Money as Damages for such Contractor's Default.

#### 6.11. Completion Period

The work is required to be completed within a period as specified in the 'Appendix to Tender' / Date Sheet from the date of issue of letter of acceptance. The completion period indicated in the tender documents is for the entire work of planning, designing, supplying, installation, testing, commissioning, taking all statutory approvals/license and handing over of the entire system to the satisfaction of the Engineer-in-charge.

## 6.12. Defect Liability Period

- 6.12.1. All equipment & works shall be guaranteed for a period of 12 months from the date of taking over the installation by the department against unsatisfactory performance and/or break down due to defective design / installation / workmanship / material. The Contractor shall be responsible for removing all the defects, free of cost, of all the equipment or components, or any part thereof, during the defect liability period as specified in the Appendix to Tender by way of repair/ rectification / replacement.
- 6.12.2. In case it is felt by the Engineer-In-Charge that undue delay is being caused by the contractor in rectifying the defects, the same will be got done by the Engineer-In-Charge at the risk and cost of the contractor. The decision of the Engineer-in-Charge in this regard shall be final.

## 6.13. Programme of Work

The Contractor shall submit the programme for completion of work to the Engineer for his approval within 7 days from the date of receipt of letter of acceptance. Unless otherwise directed, the programme shall be in the form of Bar-Chart showing proposed execution of quantities of principal items of work. The programme shall be related to the capability of equipment proposed to be deployed and site conditions. The Contractor shall also provide in writing methodology for execution of major items of work as desired by the Engineer in Chief. The submission and approval of such programme shall not relieve the Contractor of any of his duties or responsibilities or obligations under the contract. The Engineer shall have full power and authority during the progress of work, to issue such instructions as may be necessary for the proper and adequate execution of the work.

## 6.14. Co-Ordination with Other Agencies

Work shall be carried out in such a manner that the work of other Agencies operating at the site is not hampered due to any action of the Contractor. Proper Co-ordination with other Agencies like HT House Estate Manager, NDPL, BSES, MCD, NDMC, Police, Suppliers of Bought out items that will be provided by the employer etc. will be Contractor's responsibility. In case of any dispute, the decision of NICDC shall be final and binding on the contractor. No claim whatsoever shall be admissible to the contractor on this account.

## 6.15. Approvals

Obtaining all statutory/ departmental/ building management approvals for the complete execution of the works shall be deemed to be included in quoted rates and shall be the sole responsibility of contractor.

## 6.16. Base Rates

DELETED

#### 6.17. Joint and several liability

If the Contractor has formed a Consortium of two or more persons for implementing the Project:

- a) these persons shall, without prejudice to the provisions of this Agreement, be deemed to be jointly and severally liable to the Employer for the performance of the Agreement; and
- b) the Contractor shall ensure that no change in the composition of the Consortium is affected without the prior consent of the Employer.

Without prejudice to the joint and several liability of all the members of the Consortium, the Lead Member shall represent all the members of the Consortium and shall at all times be liable and responsible for discharging the functions and obligations of the Contractor for the Contract Value. The Contractor shall ensure that each member of the Consortium shall be bound by any decision, communication, notice, action or inaction of the Lead Member on any matter related to this Agreement and the Employer shall be entitled to rely upon any such action, decision or communication of the Lead Member. The Employer shall have the right to release payments solely to the Lead Member and shall not in any manner be responsible or liable for the inter se allocation of payments among members of the Consortium.

#### 6.18. Liquidated Damages

If the delay in the completion of the whole works or a part of the works, beyond stipulated completion period, is due to the Contractor's failure or fault, and the Engineer feels that the remaining works or the portion of works can be completed by the Contractor in a reasonable and acceptable short time, then, the Engineer may allow the Contractor extension or further extension of time, for completion, as he may decide, subject to the following:

The contractor shall pay a penalty at rate of 0.5% (half percent) of the total Contract Value applicable for each week of delay in completion date or part thereof subject to a maximum of 10% of the total contract value.

#### 6.19. Insurance

- 6.19.1 Depending on the nature of work, Contractor's All Risk (CAR) shall be obtained by Contractor at his own cost as per the requirement. At the time of taking policy, possible time over-run, if any, may be taken into account in deciding the period/validity of the policy. The above insurance shall cover the risks normally covered under the CAR policy. Any item not covered under the above policy shall be the responsibility of the Contractor.

6.192 Before commencing of works, it shall be obligatory for the Contractor to obtain, at his own cost, insurance cover in the joint name of the Contractor and Employer from reputed companies under the following requirements:

- a) Liability for death of or injury to any person or loss of or damage to any property (other than the work) arising out the performance of the Contract. (Workmen Compensation Policy)
- b) Construction Plant, Machinery and Equipment brought to site by the Contractor. (Asset liability Insurance Policy)
- c) Any other insurance cover as may be required by the law of the land. (Such as Professional Indemnity Policy and Third Party Liability Policy)

The Contractor shall provide evidence to the Employer/Engineer before commencement of work at site that the insurances required under the contract have been affected and shall within 30 days of the commencement date, provide the insurance policies to the Employer/Engineer. The Contractor shall, whenever, called upon, produce to the Engineer or his representative the evidence of payment of premiums paid by him to ensure that the policies indeed continue to be in force.

The Contractor shall also obtain any additional insurance cover as per the requirements of the Contract.

The Employer/Engineer shall not be liable for or in respect of any damages or compensation payable to any workman or other person in the employment of the Contractor or his sub-contractor or petty contractor. The Contractor shall indemnify and keep indemnified the Employer/Engineer against all such damages and compensation for which the Contractor is liable.

The Policies of the Contractor shall remain in force throughout the period of execution of the works and till the expiry of the defect liability period except for any specific insurance covers necessary for shorter period.

If the Contractor fails to effect or keep in force or provide adequate cover as acceptable to the Engineer in the insurance policies mentioned above, then in such cases, the Engineer may affect and keep in force any such insurance or further insurance on behalf of the Contractor. The recovery shall be made at the rate of 1.5 times the premium/premiums paid by the Engineer in this regard from the payment due to the Contractor or from the Contractor's Performance Security. However, the Contractor shall not be absolved from his responsibility and/or liability in this regard.

## 6.20. Supply of Water and Electric Power

For the execution of the works, the Contractor shall be responsible for procuring of all power, water and other services that it may require. The distribution of the same for the execution of works including proper lighting, ventilation etc. shall be the sole responsibility of the Contractor. No claims for the same made by the Contractor shall be entertained at any cost by the Employer. The contractor, at no additional costs, shall also make arrangements for the usage of the same by other agencies/ contractors appointed by the Employer.

## 6.21. Implementation of Quality Management System

- 6.21.1. The Contractor shall follow and implement Quality Management System as per IS/ISO-9001-2000.
- 6.21.2. The Contractor shall execute the work following the safety policy of PNBHFL which shall include providing safety equipment, safety shoes, helmets to all workers, erecting of safety barricades and displaying safety posters and instructions about awareness for safety.
- 6.21.3. The Contractor shall arrange timely calibration of all his measuring and testing equipment at his own cost from reputed laboratory and supply of calibration certificates to the Engineer.
- 6.21.4. The Contractor shall ensure maintenance and overhauling of all his plant and machinery to satisfy the requirements of IS/ISO-9001-2000.
- 6.21.5. The Contractor shall arrange to provide test certificates issued by manufacturers for materials supplied by him or arrange to test the materials at his own cost in a reputed laboratory and supply test certificates to the Engineer.

The Contractor shall implement full process control by issue of work instructions and check lists and maintaining latest drawings, specifications and codes.

## 6.22. Compliance to Public Procurement (Preference to Make in India), Order 2017

The contractor shall ensure strict compliance to PPP-MII Order 2017 and its subsequent amendments issued by Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India.

Also, all the guidelines pertaining to Government of India must be followed for procurement.

## 6.23. Other Conditions

6231. DLETED.

6232. The Bidder shall ensure these are less integration of equipment's/panels (electrical system, firefighting system, fire alarm system, PA system, Ventilation and AC system, Plumbing, BMS including safety and security etc.) as required for smooth functional operation including installation and commission with the existing (Centrally) system equipment's/ panels etc. in the premises. It is deemed that the cost of the same is included nothing shall be paid extra.

6233. All scaffolding, mounting, Jhula or any other machines and tools required to complete the work as per BoQ shall be the part of the scope of the work and nothing extra shall be payable on this account.

6234. For the execution of works related to networking, IT, LAN, Servers, AC etc., contractor should nominate/ appoint a vendor/ System integrator who is certified/ registered by the Original Equipment Manufacturer. Agency has to furnish the supporting document to the Engineer In-charge for the same.

6235. The contractor shall provide the following facilities at site for facilitation of work within his quoted rates: Additionally the contractor shall provide required stationery. Nothing extra shall be paid to the contract or for providing the above items (facilities). After completion of work, the contractor can take back these items except consumable items.

6236. The contractor will obtain temporary electric and water supply connection from the local authority or from the owner of the building with his quoted rates. Bill for the consumption shall be paid by agency & nothing shall be paid on this account.

6237. The contractor shall dispose *malba* or unserviceable material outside premises and handling of materials at his own cost. No area shall be provided to the contractor outside the execution area for storage of material.

6238. The extension of time (EoT) if any, shall be granted only on the genuine ground and valid only after approval of the same from the client. If client does not agree for the same, no EOT will be approved on whatever may be the reason.

6239. The material / products to be used in this work shall be one of the approved make / brands out of list of manufacturer / brands / Makes given in the tender documents and as approved by the Engineer –In charge. The contractor shall take the approval of material from NICDC / Clients before supplying at site. Contractor shall arrange MTCs along with invoices for purchased items, Technical specifications within his quoted rates as per instruction of Engineer In Charge.

62310. Time is essence of contract. The said work is to be carried out in specified time frame at said site and the contractor may also work during night at no extra cost. Contractor should mandatorily maintain the high-level execution of the work, finished etc.

62311. The contractor shall provide/appoint one experienced consultant/architect for preparation of shop drawings, services drawings, finishing, detailing, as-Built and development of design 2D/3D views, GFC drawings, walkthrough and for supervision of all works in consultation with NICDC/client. These drawings shall be got approved from NICDC/Client before implementing the same. The cost of Architect/Draftsman etc. is

deemed to be included in the quoted rate.

- 623.12. The tentative concept layout drawings part of the tender documents which is subject to change as per requirement of the Clients i.e., after award of work. The contractor will prepare all detailed drawings and shall submit the same for the approval of NICDC/Client within 3 days of issuance of LOA. The cost for the same deemed to be included noting extra in this regard shall be paid by NICDC. While preparing exhaustive drawing the consultant appointed by the successful bidder shall prepare the detailed drawing considering the requirement of Client. Also, during the execution if required the successful bidder will arrange the drawings & other details and documents etc for submission to client for approval.
- 623.13. The successful tenderer shall carefully go through the Clauses of invitation to Tender, SCC, Specifications and drawings and shall include in his rates any sum he may consider necessary to cover the fulfillment of the various clauses contained in the tender documents.
- 623.14. All material and labour whether specifically mentioned or not in the Specification and or BOQ shall be provided by the contractor to complete the tender work. The scope of work shall be in general but not limited to that only. Any other work required for completion & commissioning of this project whether specifically mentioned or not in the BOQ is covered in the scope of this work and has to be carried out by the contractor as an extra item as and when required pending approval of rates as per instruction of engineer-in-charge.
- 623.15. The contractor should plan the work based on nature in day/night shift so that the contractor will create the minimum degree of noise and air pollution and least disturbance to already existing allottee/organization if any.
- 623.16. The contractor shall furnish three copies of Ammonia print along-with the original tracing of the following "As-built" drawings of works to NICDC within 14 days of completion of work without any extra cost. Also, contractor shall submit the Professional Photographs/ Videography of the project within 7 days of completion of work nothing shall be paid on this account.
- 623.17. The contractor will obtain necessary statutory approvals/licenses of the local bodies before start of work wherever required within the quoted rates. He will obtain the fire NOC and other relevant statutory NOC after completion of the works.
- 623.18. The contractor will do all liasioning work to obtain the above said statutory approvals which will be his sole responsibility. NICDC will however extend necessary support to the contractor for this work, if necessary. Nothing extra shall be paid to him on account of obtaining aforesaid approvals.
- 623.19. In case of non-availability of any specification in the above or any overlapping provisions, non clarity on any issue, applicability of particular provisions out of above, the same shall be brought to the notice of NICDC and decision on the said is finalized by Engineer-in-Charge without extra cost implication beyond his quoted rate (s).

62320. The contractor shall place the order for the procurement of materials well in advance in required quantities, to have sufficient time for the delivery and testing of material. Sufficient storage space shall be arranged by the agency at its own cost for this purpose, as may be required.

NOTE: While Submitting material for approval bidder shall consider that the material to be used should have standard fire rating.

62321. Process for approval of samples: Contractor must submit a technical sheet along with the sample for approval by NICDC or Client before procurement of material-

- a) Product specifications and makes as per make list.
- b) Selected product specifications.
- c) List of all three approved products.
- d) This sheet has to be signed by authorized Signatory of agency.
- e) A time frame of 4-7 working days should be given for approval.
- f) Demo of the product to the NICDC/Client prior before installation along with the confirmatory certificate of the product for the site and authorization form of the OEM to bidder for installation testing and commissioning.
- g) OEM Confirmatory certificate should also clearly specifying the place of the origin and manufacturing.

62322. The NICDC may like to inspect any material at the contractor's manufacturer works/factory before dispatch at site. The contractor will inform engineer In-charge of the work in writing before delivery of major items at site and will give an inspection call to the engineer in charge 15 days before dispatch for factory inspection of the same by NICDC, if required by the latter. NICDC at its discretion may waive off the inspection call in the exigencies of work. All expenses towards, testing, to & fro traveling, lodging, boarding of the inspecting team shall be borne by the contractor within his quoted rates.

62323. All costs towards sample, material, collection, transport, manpower, testing, etc. shall be borne by the contractor and are deemed to be included in the rates quoted by him in the bill of quantity. The contractor shall furnish manufacturer's test reports and manufacturers test certificates for all bought out items. It shall also be the responsibility of the contractor to get the mandatory tests as per the norms/codal provisions/specifications carried out from a Govt. approved/ NICDC listed laboratory and furnish the results.

62324. The Bidder shall submit the OEM (Original Equipment Manufacturer) Certificate of the product supplied at the site of NICDC/Client prior before installation.

62325. The contractor shall have to attend all the meetings at his own cost with NICDC, Owner/clients or consultants of NICDC /owner/client during the currency of the contract, as and when required. No direct correspondence is permitted to the appointed contractor with the client, for any approval/clarification etc.

62326. During the execution of the work, contractor shall submit a detailed Weekly progress report along with photos of site and program report for further approval by EIC

# Section 07:

## General Conditions of Contract

## Section 07: General Conditions of Contract

### 7.1. Definitions

In the Contract, as herein after defined, the following word expressions shall have the meanings hereby assigned to them, except where the context requires otherwise.

- a) "Client or Employer or Owner" means the National Industrial Corridor Development Corporation Ltd., (NICDC in abbreviation) acting through its CEO & MD or any other authorized officer and shall include their legal successors in title and permitted assignees.
- b) "Engineer or Engineer in Charge or Engineer's Representative" means the officer or TPI authorized by the Employer to act on his behalf and for the purpose of operating the contract.
- c) "TPI or Third-Party Inspector" means an independent Agency hired/engaged by the employer for supervision of works. For all practical purposes, the contractor would report to TPI for all day to day activities.
- d) "Contractor" means the individual, firm, Company, Corporation or joint venture whether incorporated or not, who enters into the Contract with the Employer/Engineer, and shall include its heirs, executors, administrators, successors, legal representatives, as the case may be.
- e) "Contractor's Representative" shall mean the person responsible for execution of the contract who shall be so declared by the Contractor and who shall be authorized under a duly executed power of attorney to comply the instructions and to use, receive materials issued by the Engineer to the Contractor for works. He shall be capable of taking responsibility for proper execution of works.
- f) "Sub-Contractor" means the individual, firm, Company, Corporation, Joint Venture or Consortium, having direct Contract with the Contractor and to whom any part of the work has been sublet by the Contractor and shall include his heirs, his executors, administrators, successors, legal representatives, as the case may be.
- g) "Other Contractors" means the individual, firm, Company, Corporation, Joint Venture or Consortium employed by or having a Contract directly or indirectly with the Client/Employer/Engineer other than the Contractor.
- h) "Tenderer or Bidder" means the individual, firm, Company or Corporation, Joint Venture submitting a bid/tender.
- i) "Scheduled Bank" means a bank included in the second schedule to the Reserve Bank of India Act, 1934, or modification thereto.

- j) "Contract" shall mean and include the, Agreement or Letter of Acceptance, the accepted Bill of Quantities and Rates, the General Conditions of Contract, Special Conditions of Contract, Appendix to Tender, Form of Bid, Instructions to the Tenderers, Drawings, Specifications and other Tender Documents.
- k) "Tender or Bid" means the offer (Technical and Financial) made by individual, firm, Company, corporation or joint venture for the execution of the works.
- l) "Specifications" means the specifications referred to in the Contract and any modification thereof or addition thereto, or as may from time to time be furnished or approved in writing by the Engineer.
- m) "Drawings" means the Concept Drawings annexed to the Contract or referred in it and shall include any modifications of such Drawings and further Drawings as may be issued or approved by the Engineer.
- n) "Bill of Quantities (BOQ)" means list of items of work, their quantities and rates.
- o) "Original Contract Value" means the sum stated in the letter of Acceptance/Contract Agreement.
- p) "Contract Value / Contract Price" means the original contract value subject to the adjustments in accordance with the provisions of the Contract.
- q) "Temporary Works" means all enabling works of every kind required for the execution of the works.
- r) "Permanent Work(s) / Work(s)" means the works (other than temporary works) to be executed in accordance with the Contract or part/s thereof as the case may be and shall include extra or additional, altered or substituted items of work as required for performance of the Contract.
- s) "Construction Plant" means all machinery, appliances or things of whatsoever nature required for the execution, completion and maintenance of the works, but does not include material or other things intended to form or forming part of the permanent works.
- t) "Site" means the land and/or other places on, under, in or through which the works are to be carried out, and any other lands or places provided by the Client/Employer/Engineer for the purpose of the Contract.
- u) "Material/s" means all equipment, components, fittings and other materials including raw materials, which form part of the permanent works.

- v) "Test" means such tests as prescribed in the Contract or by the Engineer or Engineer's Representatives, whether performed by the Contractor or by the Engineer or his Representative, or any agency approved by the Engineer.
- w) "Approval or Approved" means approval in writing including subsequent written confirmation of previous verbal approval.
- x) "Defect Liability Period" means the specified period of defects liability from the date of completion of the work as certified by the Engineer.
- y) "Letter of Acceptance" means the letter from the Employer or the Engineer to the Contractor, conveying acceptance of the Tender.
- z)
  - i) "Month" means the Gregorian calendar month.
  - ii) "Day" means the calendar day.
  - iii) "Time" expressed by hours of the clock shall be according to the Indian Standard time.
  - iv) "Tender Date" means closing date fixed for receipt of tenders as per RPF or extended by subsequent notification.
- aa) "Rupees" (or Rs. in abbreviation) shall mean Rupees in Indian currency.
- bb) i) "corrupt practice" means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Selection Process (for removal of doubt, offering of employment or employing or engaging in any manner, whatsoever, directly or indirectly, any official of the Client who is or has been associated in any manner, directly or indirectly with Selection Process or LOA or dealing with matters concerning this Contract, or any official of the Government or the State Government etc before or after the execution thereof (including in course of performance under or pursuant to this Contract), at any time prior to the expiry of one (1) year from the date such official resigns or retires from or otherwise ceases to be in the service of the Client, shall be deemed to constitute influencing the actions of a person connected with the Selection Process); or (ii) engaging in any manner whatsoever, whether during the Selection Process or after the issue of LOA or after the execution of this Contract, as the case may be, any person in respect of any matter relating to the Project or the LOA or this Contract, who at any time has been or is a legal, financial or technical adviser to the Client in relation to any matter concerning the Project;
- ii) "fraudulent practice" means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Selection Process;

iii) "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any person or property to influence any person's participation or action in the Selection Process or the exercise of its rights or performance of its obligations by the Client under or pursuant to the Contract;

iv) "undesirable practice" means (i) establishing contact with any person connected with or employed or engaged by the Employer with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding Process; or (ii) having a Conflict of Interest; and

v) "restrictive practice" means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Bidding Process.

## 7.2. Heading and Marginal Notes

The top heading and marginal notes given in the tender or Contract documents are solely for the purpose of facilitating reference and shall not be deemed to be part thereof and shall not be taken into consideration in the interpretation or consideration thereof.

## 7.3. Notices, consents, Approvals, Certificates and Determination

Wherever in the Contract provision is made for giving or issue of any notice, consent, approval certificate or determination, it shall be in writing and the words notify, certify or determine shall be construed accordingly.

## 7.4. Measurements and Arithmetic Conventions

All measurements and calculations shall be in the metric system and calculations done to 2 (two) decimal places, with the third digit of 5 (five) or above being rounded up and below 5 (five) being rounded down

## 7.5. Singular, Plural and General

Words importing the singular only also include the plural and vice versa where the context requires. Similarly, words importing masculine gender also include the feminine gender.

## 7.6. Communication and Language of Contract

All notices, communications, references and complaints by either party to the Contract shall be in writing in English. Communication from only authorized representative of the Contractor shall be entertained.

## 7.7. Language of Contract

The Contract document shall be drawn up in English.

## 7.8. Laws Governing the Contract

The Contract shall be governed by the laws in force in India.

## 7.9. Contractor's Understanding

The Contractor shall be deemed to have satisfied himself, before tendering, as to the correctness and sufficiency of his tender for the works and of the rates and prices stated in the Bill of Quantities, all of which shall except in so far as it is otherwise provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper execution, completion and maintenance of works.

## 7.10. Communication Between Employer/Engineer and Contractor

### 7.10.1. Instructions in writing

Instructions given by the Engineer shall be in writing, provided that if for any reason the Engineer considers it necessary to give any instructions orally, the Contractor shall comply with such instructions. Confirmation in writing of such oral instruction given by the Engineer, whether before or after carrying out of the instructions, shall be deemed to be instructions within the meaning of this sub-clause.

The Contractor shall also be bound to carry out any instructions issued by Client as confirmed by the Engineer.

### 7.10.2. All certificates, notices, written orders or letters, to be given by the Employer or the Engineer to the Contractor, shall be deemed to have been served, if the same are delivered to the Contractor or his authorised representative, or delivered or left at or posted to the given address of the Contractor or Contractor's registered office or principal place of business or communicated electronically. Such documents shall be deemed to have been received on the day they are left or delivered, or in the case of postal transmission, on the day they would ordinarily have reached but not exceeding 7 days from the date of posting inclusive of day of posting, in any case.

## 7.11. Notices to Employer and Engineer

All notices to be given to the Employer or to the Engineer, under the terms of the contract, shall be served by sending by Speed/Registered post or by delivering the same or electronically, to the respective nominated addresses.

## 7.12. Change of Address

Either party may change the nominated address by prior written notice to the other party.

## 7.13. Change in constitution of Firm

In case of any change in the constitution of Contractor's firm, the same shall forthwith be notified by the Contractor to the Engineer and the Employer.

## 7.14. Obligations of the Employer

7.14.1. The Employer shall, at its own cost and expense, undertake, comply with and perform all its obligations set out in this Agreement or arising hereunder. All communications relating to contract management, project management, design management up to handover on this project shall be submitted to the Engineer in Chief for final approval of Employer.

7.14.2. The Scope of the Project, Project Facilities, Specifications and Standards and the criteria for testing of the completed Works are for reference purposes and their responsibility shall finally rest with the contractor.

7.14.3. The Employer shall ensure release of timely payments, advances, extra item approvals.

## 7.15. Duties of Engineer and Engineer's Representative

### 7.15.1. Duties and Authority of Engineer

The Engineer shall carryout the duties specified or implied in the Contract including issue of instructions, decisions, certificates and orders, as are specified in the contract, or necessary for the observance / administration of the Contract and expeditious and timely completion of the work.

### 7.15.2. Duties and authority of Engineer's Representative

The Engineer's Representative shall be responsible to the Engineer. His duties are to supervise the work and to test and examine any materials to be used or workmanship employed in connection with the works. He can issue day to day instructions to the Contractor in Site Order Book, which should be noted and complied by the Contractor. He shall have no authority to relieve the Contractor of any of his duties or obligations under the Contract, nor except as expressly provided hereunder or elsewhere in the Contract, to order any work involving delay or any extra payment by the Employer, nor to make any variation of or in the works. He is authorized to measure the works for the purpose of payment.

## 7.16. Obligations of the Contractor

#### 7.16.1. General Responsibility of the Contractor

The Contractor shall comply with the provisions of the Contract with due care and diligence to design (to the extent provided for in the Contract), execute, complete and maintain the works and remedy the defects in accordance with the provisions of the Contract. The Contractor shall provide all superintendence, labour, materials, plant, & Equipment and all other things, whether of a temporary or permanent nature, required in and for such design, execution, completion and maintenance of works and rectification of any defects, as directed by the Engineer or his Representative.

#### 7.16.2. Site Operations and Methods of Execution:

The Contractor shall take full responsibility for the adequacy, stability and safety of all site operations and method of construction. Provided that the Contractor shall not be responsible for the design and specifications of Permanent works or for the design or specifications of any temporary works provided by the Engineer. Where the Contract expressly provides that part of the Permanent Works shall be designed by the Contractor, he shall be fully responsible for that part of such works, notwithstanding any approval by the Engineer.

#### 7.16.3. Appraisal of Errors / Omissions in the Drawings:

The Contractor shall promptly inform in writing to the Engineer of any error, omission, fault and other defects, in the design, drawings or specifications for the works which are noticed while reviewing the Contract documents or in the process of execution of the works.

#### 7.16.4. Compliance with Regulations and Bye-laws:

The Contractor shall comply with the statutory provisions relating to the works, regulations and by-laws of any local authority and undertaking, including those controlling the utilities such as water supply, sewerage, telephones, power supply, etc., in whose jurisdiction the work is to be executed. The Contractor shall be bound to give all notices required by statute, regulations or bye-laws, as aforesaid. It shall be the responsibility of the Contractor to arrange all necessary clearances and approvals from the concerned authorities or undertakings before the work is taken up. However, assistance, if any, may be provided by Employer/Engineer/Client.

#### 7.17. Commencement of Work

The Contractor shall commence the works within the time limit as specified in the Letter of Acceptance.

#### 7.18. Access to Site of Work.

#### 7.18.1. Access to Engineer

The Engineer or the Engineer's Representative, shall at all times have access to the works and to all workshops and places, where work is being performed and from where materials, manufactured articles or machinery are being obtained for the works, and the Contractor shall afford every facility and every assistance in obtaining the right to such access.

#### 7.18.2. Access Road

The Contractor shall provide necessary access roads to the site of work, from the nearest public thoroughfare/right of way, at his own cost, unless otherwise provided for in the contract.

#### 7.19. Setting Out

The Contractor shall be responsible for the true and proper setting out of the works using his own survey instruments, appliances and labour. If at any time during the progress of works, any error appears or arises in any part of the work, the Contractor on being required to do so by the Engineer, shall at once rectify such error, to the satisfaction of the Engineer. The Contractor shall also provide all necessary assistance in the form of labour and materials to Engineer or his representatives for checking the set out with his own instruments. The checking of any setting out, or of any line or level by the Engineer's representative shall not in any way relieve the Contractor of his responsibility for the correctness thereof. The Contractor shall carefully protect and preserve all bench marks, reference pillars, pegs, and other things used in setting out the works.

#### 7.20. Temporary Works

- i) All temporary works necessary for the proper execution of the works shall be provided and maintained by the Contractor at his own cost. All detailed working drawings, design, design calculations and fabrication drawings for important temporary works as decided by the Engineer, shall be prepared by the Contractor at his own cost and forwarded to the Engineer at least 7 days in advance of actual constructional requirements for his approval. Such approval shall not, however, relieve the Contractor of any of his responsibility in connection with the temporary works.
- ii) When the temporary works are no longer required, the Contractor shall remove the same at his own cost. In the event of failure on the part of the Contractor to remove the temporary works, the Engineer will cause them to be removed and cost incurred for removal, supervision, and other incidental charges shall be recovered from the Contractor.

#### 7.21. Indemnity by the Contractor

#### 7.21.1. Indemnity against all actions of Contractor

The Contractor shall hold and save harmless and indemnify the Client/Employer/Engineer and their employees, from all actions, suits, proceedings, loss, costs, damages, charges, claims, liabilities and demands of every nature and description brought against or recovered from the Client/ Employer/Engineer and their employees by reason of any act or omission, negligence and errors of the Contractor and /or his representative and/or his Employees and/or his sub-contractors in the execution of the works or in the guarding of the same. All the sums payable by Client/ Employer/ Engineer by way of compensation under any of these conditions, shall be recovered from the dues of the Contractor, without reference to the actual loss or damage sustained, and whether or not any damage shall have been sustained.

#### 7.21.2. Indemnity against all Claims of Patent rights and Royalties

The Contractor shall hold and save harmless and indemnify the Client/Employer, his officers and Employees from and against all claims and proceedings for or on account of infringement by the Contractor of copyright, any patent rights, design, trademark or name, secret process, patented or un-patented invention, articles or appliances manufactured or used for or in connection with the works and from and against all claims, proceedings, costs, damages, charges, and expenses whatsoever in respect thereof or in relation thereto. The Contractor shall pay all royalties, taxes, rent and other payments or compensation, if any, for getting the materials required for the works and due fulfilment of the contract and indemnify Client/Employer/Engineer against any claims in this regard.

#### 7.22. Damage to Life and Property

The Contractor shall be responsible for all risks to works, nearby existing structures and life of his supervisors and workmen as also those of Employer/Client or any trespassers from whatever cause in connection with the works until these are taken over by Client/Employer/Engineer. The Contractor shall make good at his own expenses all loss or damages to life and property.

#### 7.23. Safety of Public and Public Utilities

- i. Existing road or water courses or passage or staircases or any other utility shall not be blocked, cut through, altered, diverted or obstructed in any way by the Contractor, except with the permission of the Engineer in Chief. All compensation claimed by any Department/Organization for any unauthorized closure, cutting through, alteration, diversion or obstruction to such roads or water courses by the Contractor or his staff shall be recovered from any moneys due to the Contractor.
- ii. During progress of work in any street or thoroughfare, the Contractor shall make adequate provision for the passage of traffic, for securing safe access to all premises approached from such street or thoroughfare and for any drainage. Water supply, sewer lines, Electrical

and Telecommunication cables/wires etc. which may be interrupted by reason of execution of works shall be protected/diverted and maintained by the Contractor at his own cost. Barriers, lights and other safeguards as prescribed by the Engineer for the regulation of traffic including watchmen necessary to prevent accidents shall be provided by the Contractor at his own cost.

- iii. The Contractor shall be responsible for taking all precautions to ensure safety of the public utilities and public in the vicinity of works and shall post such watchmen at his own cost as may, in the opinion of the Engineer, be necessary to comply with the regulations applying to the work and to ensure safety.
- iv. Should the Contractor fail to implement the provisions as required in the above sub-clauses, the Engineer may provide necessary arrangements and the cost of the same shall be recovered from the Contractor's payments/dues.

## 7.24. Other Safety Provisions

### 7.24.1. Safety of Labour and others

The Contractor shall, at his own expense, arrange for the safety provisions as required by any law in force, in respect of the labour employed directly or indirectly for performance of the works, and shall provide all facilities in connection therewith.

### 7.24.2. Safety of works

The Contractor shall provide and maintain at his own cost, all lights, guards, signage, signalmen, fencing and watching arrangements when and where necessary, or as required by the Engineer for the protection of the works or for safety and convenience of those employed on works or of the public.

- 7.24.3. Mere observance of these precautions shall not absolve the Contractor of his liability in case of loss or damage to property, or injury to or death of any employee/labour of Contractor, Client or Employer/Engineer or any member of the public.

### 7.24.4. Recovery of the cost from the Contractor

Should the Contractor fail to implement the provisions as required in the preceding Sub-Clauses 7.24.1 & 7.24.2, the Engineer may provide necessary arrangements and the cost of the same shall be recovered from the Contractor's payments/dues.

## 7.25. Care of Works

From the commencement of the work until completion, acceptance and final takeover of the works by the Engineer, the Contractor shall take full responsibility for the care of all works including temporary works, materials, goods and equipment. In case any damage,

loss or injury happens to the work or to any temporary works from any cause whatsoever, the Contractor shall at his own cost repair and make good the same so that on completion and at the time of final take over, the work shall be in good condition and in conformity in every respect with the requirements of the contract and the Engineer's instructions.

#### 7.26. Dismantled Materials

The Contractor shall not use, sell or otherwise dispose of, or remove, except for the purpose of this Contract sand, clay, furniture, light fittings, air conditioners or any other substance or materials, which may be obtained from any excavation made or dismantling done. All such items shall be the property of the Client. The Contractor may be permitted by the Engineer to use the same for the purpose of works on mutually agreed payment terms.

#### 7.27. Work During Night

Unless specifically provided elsewhere in the Contract, the Contractor shall not carry out any work between sunset and sunrise without the prior permission of the Engineer. In case of any grave emergency or in order to avoid risk to property and life or to prevent damage to utilities or to restore them, work may be done at night also without the prior permission of the Engineer, but intimation to this effect should be sent to him immediately. Under any circumstances, no increase in rates or extra payment shall be admissible for the night work. The Contractor shall make adequate lighting and safety arrangements for night working. He shall also be responsible for any claim on account of any injury to or loss of life, of any one, arising out of inadequate lighting, safety arrangements or due to any other failure of the Contractor.

#### 7.28. Stores, Yards

The Contractor shall at his own expense provide and maintain store-houses and yards at such locations and in such numbers as in the opinion of the Engineer are necessary for carrying out the works. The Engineer and the Engineer's representatives shall have free access to the said storehouses and yards at any time for the purpose of inspecting the stock of materials and plant so kept in hand. Any materials or plant which the Engineer may object to shall not be brought upon or used in the works and shall forthwith be removed from the storehouses or yards by the Contractor.

#### 7.29. Materials and items to be provided by the client

##### 7.29.1. Materials to be supplied by the Client.

The client will provide plug and play items which are not enlisted in the bill of quantities. After the acceptance of tender, the Contractor shall make request in writing to the Client/Employer for the materials to be supplied by the Client/Employer.

#### 7.29.2. Cost to be borne by Contractor

The Contractor shall bear the cost of loading, transporting to site, unloading, storing safely under cover, as required for all materials issued by the client.

#### 7.30. Tools, Plant and Equipment

Except for any specific item mentioned in the contract, the Contractor shall have to make his own arrangements, at his own cost, Plant, Machinery and Equipment required for execution and completion of all works to the entire satisfaction of the Engineer. This shall also include all other associated equipment, tools/tackles, spare parts, POL, consumables, stores, manpower as required for the execution of works.

#### 7.31. Plant and Materials of The Contractor

Contractor's plant/materials at site to be exclusive to the work

All plant and materials brought on the site by the Contractor be deemed to be exclusively intended for the execution of the work or part of the work and the Contractor shall not remove the same without the permission of the Engineer till completion of work or part of work.

#### 7.32. Removal of Constructional Plant/Materials from Site

Upon completion of the works, the Contractor shall remove from the site all the said constructional plant remaining thereon and unused materials belonging to the Contractor.

#### 7.33. Loss or Damage to Constructional Plant/Materials

The Employer/Engineer shall not at any time be liable for the loss of or damage to any of the said constructional plant, temporary works or materials.

#### 7.34. Assistance to Contractor for Re-Export of Plant

In respect of any constructional plant which the Contractor shall have imported for the purposes of the works, the Employer may assist the Contractor, where required in procuring any necessary government consent for re-export of such constructional plant by the Contractor after the completion of the works.

#### 7.35. Assistance to Contractor for Customs Clearance

The Employer may assist the Contractor, where required, in obtaining clearance through the customs of constructional plant, material and other things required for the works. This

shall not dilute in any way the Contractors' obligations and responsibilities under the contract.

#### 7.36. Contractor to Keep Site Clear

During the progress of works, the Contractor shall keep the site reasonably clean and free from obstructions and shall store neatly construction plant and materials.

#### 7.37. Health and Sanitary Arrangements for Workers

7.37.1. No quarters shall be provided by the Employer for the accommodation of Contractor or any of his staff employed on works.

##### 7.37.2. Provision of labour Camp

The Contractor, shall, at his own expense, make adequate arrangements for the housing, supply of drinking water, electricity, canteen and provision of latrines and urinals, for his staff and workmen employed for the work.

##### 7.37.3. Compliance with Rules for employment of labour

The Contractor shall comply with all laws, bye-laws, rules and regulations in force, pertaining to employment of local or imported labour, and shall take all necessary precautions to ensure and preserve the health and safety of all staff/workmen, employed on the works directly or through petty Contractors or sub-Contractors.

##### 7.37.4. Medical facilities at site

The Contractor shall, at his own cost, provide first aid and medical facilities at site as may be prescribed by the Engineer.

##### 7.37.5. Use of Intoxicants

The Contractor shall also ensure that no labour or employee is permitted to work at the site in an intoxicated state or under the influence of any drugs or drinks.

#### 7.38. Engagement of Labour

The Contractor shall make his own arrangements for the engagement of all labour, except as provided otherwise in the contract.

The Contractor shall not employ any labour below the age prescribed in any labour legislation, directly or through petty Contractors or sub-Contractors, for execution of the work.

## 7.39. Wages of Labour

### 7.39.1. Wages under relevant laws.

In dealing with labour and employees, the Contractor and his subcontractors (including piece rate and petty Contractors) shall comply fully with all prevailing laws and statutory regulations such as:

- i) Workmen's Compensation Act, 1923
- ii) Payment of Gratuity Act, 1972
- iii) Employees Provident Funds and Miscellaneous Provisions Act, 1952
- iv) Maternity Benefits Act, 1951
- v) Contract Labour (Regulations and Abolition) Act, 1970
- vi) Minimum Wages Act 1948
- vii) Payment of Wages Act 1936
- viii) Payment of Bonus Act 1965
- ix) Child Labour (Prohibition and Regulation) Act 1986
- x) The Buildings and Other Construction Workers (Regulation of Employment and Conditions of Service) Act 1996 and Cess Act of 1996
- xi) The Factories Act 1948;

and other laws or Regulations framed by competent legislative authorities from time to time as may be applicable. In accordance with the various Acts and Regulations with all upto date amendments, the Contractor shall ensure that he and his subcontractors (including petty and piece rate Contractors) observe strictly inter alia the following:

- a. Wages paid are not less than those prescribed.
- b. Wages and other dues are paid regularly and in time.
- c. Liens/licenses are obtained as required under any of the acts or regulations.
- d. Maintain prescribed records, submit necessary statements to authorities concerned and display required notices.
- e. Take prompt action on any instructions / directions from the authorities under various labour laws.

## 7.40. Reporting of Accidents Involving Labour

The Contractor shall be responsible for safety of all employees/labour employed by him on works, directly or through petty Contractors or sub-Contractors and shall report accidents, occurring on works to the Client/Employer or his representative, and shall make every arrangement to render all possible assistance and to provide prompt and proper medical attention. In case of fatal accident, it will be Contractor's responsibility to report accident to police keeping the Client/Employer informed of the same. The compensation for affected workers or their relatives shall be paid by the Contractor in such cases with utmost expedition in accordance with the Workmen's Compensation Act.

#### 7.41. Repair to Damages

The Contractor shall be responsible for rebuilding/ repairs of any damage by any reasons not attributable to the design defect (where design is supplied by Engineer/ Client) during execution of works or Defect Liability Period. In case the Contractor is unable or unwilling to execute such repair works promptly, the Engineer may get the same done by engaging another agency or using labour, materials and resources as may be considered necessary and the cost of such remedial works shall be recovered from the Contractor's dues. The decision of the Engineer regarding reasons of the damage shall be final and binding.

#### 7.42. Materials and Workmanship

##### 7.42.1. Material and workmanship as per Specifications

- i. All materials and workmanship shall be as per the contract and in accordance with the Engineer's instructions and shall be subjected to such tests as the Engineer/Employer may direct. The Contractor shall provide all such assistance, instruments, machines, labour and materials required for examining, measuring and testing any work and materials used. The Contractor shall supply samples of material before incorporating in the works for testing as may be selected and required by the Engineer.
- ii. The sources of materials to be used in the works shall be intimated to the Engineer and are subject to his approval.

##### 7.42.2. Supply of sample

All samples shall be supplied by the Contractor at his own cost.

##### 7.42.3. Cost of tests of Materials and Workmanship

The cost of carrying out any tests in a reputed laboratory as acceptable to the Engineer shall be borne by the Contractor except for the materials to be supplied by the Client/Employer.

#### 7.43. Removal of Improper Materials and Works

- i. The Engineer shall have the authority to order in writing from time to time:
  - a. The removal from site within specified time, of any material, which in the opinion of the Engineer, is not in accordance with the Specifications and Conditions of the Contract.
  - b. The substitution of defective material by approved quality material; and

- c. The removal and proper re-execution, notwithstanding any previous decision or interim payment thereof, of any work which in respect of materials or workmanship is not, in the opinion of the Engineer, in accordance with the contract.
- ii. In case of default on the part of the Contractor in carrying out such order, the Employer shall be entitled to get the same done by engaging another agency or by deploying labour, materials and other resources. All such cost shall be recovered from the Contractor's dues.

#### 7.44. Examination of Work Before Covering Up

No work or part of work shall be covered up or put out of view, without the prior approval of the Engineer or the Engineer's representative. If any work shall be covered up or put beyond the reach of inspection/measurement without the prior approval of the Engineer or Engineer's representative, the same shall be uncovered by the Contractor at his own cost.

#### 7.45. Suspension of Works Ordered by The Engineer

The Contractor shall, on the order of the Engineer, suspend the works or any part thereof, for such time, and in such manner, as the Engineer may consider necessary, and shall during such suspension, properly protect and secure the works so far as it is necessary in the opinion of the Engineer.

The Contractor shall not be entitled to extra cost, if any, incurred by him during such suspension if such suspension is on account of weather conditions or requirement for execution of works or provided for in the Contract or for less than 30 days at a time for any other reason. The Contractor shall, however, be entitled for extension of time for completion of work as the Engineer may consider proper having regard to the period of suspension. However, if the suspension is ordered by the Engineer due to any default of the Contractor such as defective materials, workmanship etc., the Contractor shall not be entitled to any extension or extra cost incurred.

#### 7.46. Delay and Extension of Contract Period

- 7.46.1 The time allowed for execution and completion of the works or part of the works as specified in the contract, shall be essence of the contract on the part of the Contractor.

7.462. As soon as it becomes apparent to the Contractor, that the work and / or portions thereof (required to be completed earlier), cannot be completed within the period(s) stipulated in the contract, or the extended periods granted, he shall forthwith inform the Employer/Engineer and advise him of the reasons for the delay, as also the extra time required to complete the works and / or portions of work, together with justification therefor. In all such cases, whether the delay is attributable to the Contractor or not, the Contractor shall be bound to apply for extension well within the period of completion/extended period of completion of the whole works and / or portions thereof.

7.463. Extension due to modifications

If any modifications are ordered by the Engineer or site conditions actually encountered are such, that in the opinion of the Engineer the magnitude of the work has increased materially, then such extension of the stipulated date of completion may be granted, as shall appear to the Engineer to be reasonable.

7.464. Delays not due to Employer/Contractor.

If the completion of the whole works (or part thereof which as per the contract is required to be completed earlier), is likely to be delayed on account of:

- a. Any force majeure event referred to in Clause 7.60 or
- b. Delay on the part of other Contractors engaged directly by the Client/Employer, on whose Progress the performance of the Contractor necessarily depends or
- c. Any relevant order of court or
- d. Any other event or occurrence which, according to the Engineer is not due to the Contractor's failure or fault, and is beyond his control;

The Engineer may grant such extensions of the completion period as in his opinion is reasonable.

7.465. Delays due to Employer.

In the event of any failure or delay by the Employer in fulfilling his obligations under the contract, then such failure or delay, shall in no way affect or vitiate the contract or alter the character thereof; or entitle the Contractor to damages or compensation thereof but in any such case, the Engineer shall grant such extension or extensions of time to complete the work, as in his opinion is / are reasonable.

7.466. Engineer's decision on compensation payable being final

The decision of the Engineer as to the compensation, if any, payable by the Contractor under this clause shall be final and binding.

**7.46.7. Time to continue to be treated as the essence of contract in spite of extension of time.**

It is an agreed term of the contract that notwithstanding grant of extension of time under any of the sub-clauses mentioned herein, time shall continue to be treated as the essence of contract on the part of the Contractor.

**7.47. Death of Contractor / Partner**

If the Contractor is an individual or a sole proprietary concern, and the individual or a sole proprietor dies, or if the Contractor is a partnership concern and one of the partners dies, in that case, unless the Employer/Engineer is satisfied that the legal representative of the individual Contractor or of the sole proprietor, as the case may be, or in the case of partnership firm, all surviving partners are capable of carrying out and completing the contract, the Employer/Engineer shall be entitled to rescind the contract as to its incomplete part. In that event, the Employer shall not be liable to pay any compensation to the legal heirs of the deceased Contractor and / or to the surviving partners of the Contractor's firm, on account of such cancellation of contract. The Engineer's decision as to whether the legal representatives of the deceased Contractor or surviving partners of the Contractor are capable of carrying on and completing the contract shall be final and binding on the parties. Provided further that the legal representatives of the deceased Contractor or the surviving partners shall also not be liable to pay any damages, alleged or actually suffered by the Employer/Client, in respect of incomplete part of the contract. Any liability incurred by the deceased Contractor, or by the deceased partner of the contracting firm, before his death, shall be recovered from the legal representatives of the deceased Contractor or from the surviving partners of the said contracting firm as the case may be.

**7.48. Employment of Retired Officers / Engineer of Employer/ Engineer.**

No Officer/Engineer of the Employer is allowed to work as a Contractor or his employee for a period of two years after his retirement/resignation from the service of the Employer without the prior permission of the Employer.

**7.49. Modification to Contract**

In the event of any provisions of the contract requiring to be modified after the agreement has been signed, the modifications shall be made in writing and signed by the Employer/Engineer and the Contractor or his authorised representative. Such modifications will not be effective until the same have been signed by both the parties. Any verbal or written arrangements for abandoning, modifying extending, reducing or supplementing the contract, or any of the terms thereof shall be deemed to be provisional and shall not be binding on the Employer/Engineer unless and until the same are incorporated in a formal instrument and signed by the Employer/Engineer and the Contractor.

## 7.50. Rates for Items of Work to be all Inclusive

- i. The rates entered in the accepted Bill of Quantities of the Contract, shall be all-inclusive and provide for works duly and properly completed in accordance with terms and conditions of the Contract and processes as mentioned in specifications and drawings (including revised drawings), relevant codes whether mentioned or not in the nomenclature of the item in Bill of Quantities. All rates quoted in the tender shall also deemed to include except specifically provided otherwise in the Contract:
  - All materials, labour, tools and plant, stores, centring, shuttering, etc.
  - Construction/Erection, maintenance and removal of all temporary works.
  - All watching, lighting, pumping and draining unless otherwise provided for.
  - All barriers and arrangements for safety of the property, utilities, public or employees/workers during the execution of works.
  - All sanitary and medical arrangements for labour camps.
  - The setting out of all works of construction, repair and up-keep of all centre lines, benchmarks, reference pillars etc.
  - Site clearance except specifically provided otherwise in the Contract.
- ii. Nothing extra shall be payable over the quoted rates, except as specifically provided in the Contract.
- iii. The Contractor shall bear the cost of all royalties, fees and other payments in respect of patents, patents right and license(s) which may be payable to patentee, licensee or other person or corporation and shall obtain all necessary licenses/ permissions. In case of any breach (whether wilfully or inadvertently) by the Contractor of this provision, the Contractor shall indemnify Employer, Engineer and their employees against all claims, proceedings, damages, costs, charges, loss and liability which they or any of them may sustain, incur or be put to by reason or in consequence directly or indirectly of such breach and against payment of any royalties, damages or other money which the Employer/Engineer may have to make to any persons or pay in total to the patent rights in respect of the users of any machine, instruments, process, articles matter or thing constructed, manufactured, supplied or delivered by the Contractor under this contract.

## 7.51. Change of Scope

### 7.51.1. Change of Scope

The Employer may, notwithstanding anything to the contrary contained in this Agreement, require the Contractor to make modifications/alterations to the Works ("Change of Scope") before the issue of the Completion Certificate either by giving an instruction or by requesting the Contractor to submit a proposal for Change of Scope involving additional cost or reduction in cost. Any such Change of Scope shall be made and valued in accordance with the provisions of this Clause 7.51.

7.51.2. Change of Scope shall mean:

- a) change in specifications of any item of Works given in the tender;
- b) Any additional work, Plant, Materials or services which are not included in the Scope of the Project, including any associated Tests on completion of construction.

7.51.3. If the Contractor determines at any time that a Change of Scope will, if adopted, (i) accelerate completion, (ii) reduce the cost to the Employer of executing, maintaining or operating the Project Works, (iii) improve the efficiency or value to the Employer of the completed Project Works, or (iv) otherwise be of benefit to the Employer, it shall prepare a proposal with relevant-details at its own cost. The Contractor shall submit such proposal, supported with the relevant details and the amount of reduction in the Contract Price to the Employer to consider such Change of Scope. The Employer shall, within 7 (seven) days of receipt of such proposal, either accept such Change of Scope with modifications, if any, and initiate proceedings therefore in accordance with this Clause 7.51 or reject the proposal and inform the Contractor of its decision. For the avoidance of doubt, the Parties agree that the Contractor shall not undertake any Change of Scope without the express consent of the Employer.

7.52. Procedure for Change of Scope

7.52.1. In the event of the Employer determining that a Change of Scope is necessary, it may direct the Employer to issue to the Contractor a notice specifying in reasonable detail the works and services contemplated thereunder (the "Change of Scope Notice")

7.52.2. Upon receipt of a Change of Scope Notice, the Contractor shall, with due diligence, provide to the Employer and the Employer's Engineer such information as is necessary, together with preliminary documentation in support of:

- a) the impact, if any, which the Change of Scope is likely to have on the Project Completion Schedule if the works or services are required to be carried out during the Construction Period; and
- b) the options for implementing the proposed Change of Scope and the effect, if any, each such option would have on the costs and time thereof, including the following details:
  - (i) break down of the quantities, unit rates and cost for different items of work;
  - (ii) Proposed design for the Change of Scope; and
  - (iii) proposed modifications, if any, to the Project Completion Schedule of the Project Works.

For the avoidance of doubt, the Parties expressly agree that, subject to the provisions of Clause 7.52.5 (ii), the Contract Value shall be increased or decreased, as the case may be, on account of Change of Scope.

7.52.3. The Contractor's quotation of costs for the items not included in the original scope of work shall be determined on the following principles: -

- a) the latest available edition of Delhi Schedule of Rates (DSR) Published by CPWD will be adopted for the valuation of any works which are not already covered by the items included in Price Schedules. Payments for the Variations Items shall be made in INR only.
- b) the market rates substantiated with well negotiated quotations, followed by workorder and/ or Tax Invoice shall be considered only when the executed variation items are not covered under Price Schedule or the above referred schedule of rates. A fixed percentage of 15% shall be added to cover the Contractor's Overhead and Profit for the rates evaluated under this category (b). These rates shall be considered only after approval of Employer/Engineer.
- c) In the case of substituted items (items that are taken up with partial substitution or in lieu of items of work in the contract), the rate for the agreement item (to be substituted) and substituted item shall also be determined in the manner as mentioned in the following para:
  - i) If the market rate for the substituted item so determined is more than the market rate of agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
  - ii) If the market rate for the substituted item so determined is less than the market rate of the agreement (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted)

7.52.4. Upon reaching an agreement, the Employer shall issue an order (the "Change of Scope Order") requiring the Contractor to proceed with the performance thereof. In the event that the Parties are unable to agree, the Employer may:

- a) issue a Change of Scope Order requiring the Contractor to proceed with the performance thereof at the rates and conditions approved by the Employer till the matter is resolved in accordance with Clause 7.61; or
- b) The contractor shall submit the Change Management request. The provisions of this Agreement, insofar as they relate to Works and Tests, shall apply mutatis mutandis to the works undertaken by the Contractor under this clause 7.52.

#### 7.52.5. Restrictions on Change of Scope

- (i) No Change of Scope shall be executed unless the Employer has issued the Change of Scope Order.
- (ii) Unless the Parties mutually agree to the contrary, the total value of all Change of Scope Orders shall not exceed 10 (ten) per cent of the Contract Value.
- (iii) Notwithstanding anything to the contrary in this Clause 7.52, no change made necessary because of any default of the Contractor in the performance of its obligations under this Agreement shall be deemed to be Change of Scope, and shall not result in any adjustment of the Contract Value or the Project Completion Schedule.

#### 7.53. Lien in Respect of Claims in Other Contracts

Any moneys due to the Contractor either alone or jointly with others, including the performance guarantee amount returnable to him may be withheld or retained or encashed by exercise of lien by the Client/ Employer/Engineer against any claim of the Client/ Employer/Engineer or any other branch, office department or subsidiary of the client/Employer/Engineer in respect of a sum of money arising out of or under any contract other than the present contract made by the Contractor alone or jointly with the client/ Employer/Engineer or any other branch, office, department or subsidiary of the client/ Employer/ Engineer. It is agreed term of contract that the sum of money so withheld or retained under this clause by the client/Employer/Engineer, shall be kept withheld or retained till the claims arising out of or under the contract, are either mutually settled or as per the Clause 7.64, or by the competent court, as the case may be and that the Contractor shall have no claim for interest or damages whatsoever on this account or any other account, in respect of any sums of money withheld retained, under this clause and duly notified to the Contractor.

#### 7.54. Mode of Payment and Tax Deduction at Source

7.54.1. All payments to the Contractor shall be made by account payee cheques or RTGS.

7.54.2. Tax deduction at source:

Income tax and GST shall be deducted from the payments credited/released by Employer to the Contractor against execution of work as per law of the land. The deductions shall be made as per prescribed rates prevalent from time to time unless a tax exemption certificate is produced by the Contractor. Amount of tax deduction shall be deposited with the concerned authorities and tax deduction certificate shall be issued by Employer. The Employer shall deduct at source taxes/duties under any other law/statute as may be applicable at the time of making payments. The Contractor shall furnish to the Employer registration No. under works tax and PAN (for TDS), as applicable.

## 7.55. Tests on Completion

- 7.55.1 Visual and physical test: The employer shall conduct a visual and physical check of construction to determine that all works and equipment forming part thereof conform to the provisions of this Agreement.
- 7.55.2 Other tests: The employer may require the Contractor to carry out or cause to be carried additional tests, in accordance with Good Industry Practice, for determining the compliance of the Project with Specifications and Standards.
- 7.55.3 A Joint inspection will be conducted between the contractor and employer and the punch list shall be prepared for any incomplete works. Contractor to complete all the works / items specified in the punch list with in a maximum time of period of 15 days. Henceforth, employer shall determine the completeness of works / items specified in the punch list and upon satisfactory completion of the aforesaid works shall issue to the contractor, the completion certificate.

## 7.56. Completion Certificate

- 7.56.1 As soon as the work is completed, the Contractor shall give notice of such completion, whether of the whole of the works, or of any part of the work, for which a separate date of completion is stipulated in the contract, to the Employer/Engineer, and the Engineer. Within 7 working days of receipt of such notice, employer shall inspect the work and also arrange for carrying out of such tests as may be prescribed under the contract or ordered by the Engineer.
- 7.56.2 If the Engineer notices any incomplete item of work or any defect, which is to be rectified by the Contractor, or if any part or whole of the work fails to pass the specified tests, the Engineer shall furnish to the Contractor, the list of all such incomplete items of work, deficiencies, defects, failure to pass tests, etc., and may refuse to issue a Certificate of Completion to the Contractor.
- 7.56.3 If in the opinion of the Engineer the work has been satisfactorily completed and has satisfactorily passed final test or tests that may be prescribed, the Engineer shall issue a certificate of completion showing the date of completion in respect of the work. The defect liability period, if any, shall commence from the date of completion indicated in such certificate. Provided that the Engineer may issue such a certificate with respect to any part of the works, before the completion of the whole of the works, which has been so completed and/or used by the Client/Employer. When any such certificate is given in respect of a part of the work, such part shall be considered as completed and the defect liability period of such part shall commence from the date of completion indicated in such certificate.

#### 7.56.4. Completion certificate not to absolve the Contractor from his Responsibilities:

The Certificate of Completion of Works referred to in Sub-Clause 7.56.3 shall not absolve the Contractor from his liability to make good defects, imperfections and shrinkages or faults, which may appear during the defect liability period specified in the contract, arising in the opinion of the Engineer from materials or workmanship being not in accordance with the Contract. These shall be rectified and made good by the Contractor at his own cost. In case of the default on the part of the Contractor, to so make good the defects or deficiencies, the Employer may employ labour, plant and machinery and materials or appoint another agency or Contractor, to make good such defects, imperfections, shrinkages and faults, and all expenses consequent and incidental thereto, shall be recovered from any money due to the Contractor under the contract including the Performance Security amount or from any money payable to the Contractor by the Employer/Engineer, under any other contract.

#### 7.56.5. Clearance of Site on Completion

On completion of works, the Contractor shall clear and remove from site all constructional plant, surplus materials, rubbish and temporary works of every kind, and leave the whole of the site of work clean, tidy and in a workman like condition to the satisfaction of the Employer/Engineer. This will be one of the pre-conditions for making the final payment to the Contractor. Such clearance may be made by the Employer through any other agency at the expense of the Contractor in the event of the Contractor's failure to comply with this provision within 4 days after receiving notice to that effect from the Engineer.

#### 7.57. Defect Liability Certificate

##### 7.57.1. In the contract, the expression "Defect Liability Period" shall mean the period of defect liability prescribed elsewhere in the contract, commencing from the date of completion of the works, as certified by the Engineer.

The Contractor shall maintain, rectify and make good at his own cost any defects/deficiencies, which may develop in the work or as notified by the Engineer during Defect Liability Period. However, maintenance during Defect Liability Period shall not include day to day upkeep, cleaning, custody and security of the work.

##### 7.57.2. The contract shall not be considered as completed, until a Defect Liability Certificate has been issued by the Engineer stating that the works have been completed and maintained to his satisfaction. Defect Liability certificate shall be issued by the Engineer, upon expiry of Defect Liability period or as soon thereafter as any works ordered during such period, have been completed to the satisfaction of the Engineer.

7.57.3. No certificate other than "Defect Liability Certificate" shall be deemed to constitute final approval of the work or part of the work for which it is issued.

#### 7.58. Unfulfilled Obligations

Notwithstanding the issue of Defect Liability Certificate, the Contractor and the Employer shall remain liable for the fulfilment of any unfulfilled obligations under the provision of the contract, prior to the issue of the Defect Liability Certificate, and for the purpose of determination of the nature and extent of any such obligation, the contract shall be deemed to remain in force between the parties thereto.

#### 7.59. Production of Vouchers

7.59.1 The Contractor, whenever required, shall produce for examination by the Employer/Engineer, any quotation, invoice, cost or other account books, vouchers, receipts, letters, memoranda or any copy of or extract from any such documents and also furnish information and returns, as may be required, relating to the execution of this contract. The Engineer's decision on the question of relevancy of any documents, information or returns shall be final and binding on the Contractor.

7.59.2 If any part or item of the work is allowed to be carried out by a sub-Contractor, the Engineer shall have power to secure the books of such sub-Contractor, through the Contractor, and shall have power to examine and inspect the same.

#### 7.60. Force Majeure

7.60.1 If, at any time during the currency of the contract, the performance of any obligation (in whole or in part) by the Employer or the Contractor shall be prevented or delayed by reason of any war, hostilities, invasion, acts of public or foreign enemies, rebellion, revolution, insurrection, civil commotion, sabotage, large scale arson, floods, earthquake or any other act of God, large scale epidemics, nuclear accidents, any other catastrophic unforeseeable circumstances, quarantine restrictions, any statutory, rules, regulations, orders or requisitions issued by a Government department or competent authority (hereinafter referred to as "event") then, provided notice of the happening of such an event is given by either party to the other within 14 days of the occurrence thereof.

- a. Neither party by reason of such event be entitled to terminate the contract or have claim for damages against the other in respect of such non-performance or delay in performance.
- b. The obligations under the contract shall be resumed as soon as practicable after the event has come to an end or ceased to exist.

- c. If the performance in whole or part of any obligation under the contract is prevented or delayed by reason of the event beyond a period of 90 days, the contract may be fore-closed with mutual consent by giving a notice of 15 days without any repercussions on either side.
- d. In case of doubt or dispute, whether a particular occurrence should be considered an “event” as defined under this clause, the decision of the Employer/Engineer shall be final and binding.
- e. Works that have already been measured shall be paid for by the Employer even if the same is subsequently destroyed or damaged as a result of the event. The cost of rebuilding or replacing any work that has been measured shall be borne by the Employer.
- f. If the contract is fore-closed under this clause, the Contractor shall be paid fully for the work done under the contract, but not for any defective work or work done which has been destroyed or damaged before its measurement. The Employer shall have the option to take over any plant and material lying at site, at rates provided for in the contract, failing that, as per rates which are determined to be fair and reasonable by the Employer/Engineer.

7.602. If no notice is issued by either party regarding the event within 14 days of occurrence, the said event shall be deemed not to have occurred and the contract will continue to have effect as such.

#### 7.61. Settlement of Disputes

All disputes, if any, arising out of this contract shall be referred by either party to the CEO & MD – NATIONAL Industrial Corridor Development Corporation Limited, New Delhi whose decision shall be final and binding.

#### 7.62. Jurisdiction of Courts

Jurisdiction of courts for dispute resolution shall be New Delhi.

#### 7.63. Unforeseeable difficulties

Except as otherwise stated in the Agreement:

- a. The Contractor accepts complete responsibility for having foreseen all difficulties and costs of successfully completing the Works;
- b. The Contract Value shall not be adjusted to take account of any unforeseen difficulties or costs; and

- c. The Scheduled Completion Date shall not be adjusted to take account of any unforeseen difficulties or costs.

#### 7.64. Security of Site

The Contractor shall be wholly responsible for security of site, materials, equipment, Stores and yards

- a. The Contractor shall be responsible for keeping unauthorized persons off the Site and
- b. Authorized persons shall be limited to the Employees of the Contractor, Subcontractor or persons authorized by the employer.

#### 7.65. Quality Assurance, Monitoring and Supervision

##### 7.65.1. Quality of Materials and workmanship: -

The Contractor shall ensure that the Construction, Materials and workmanship are in accordance with the requirements specified in this Agreement, Specifications and Standards and sound engineering practice.

##### 7.65.2. Inspection

The Employer and its authorized representative shall at all reasonable times: (a) have full access to all parts of the Site and to all places from which natural Materials are being obtained for use in the Works; and (b) during production, manufacture and construction at the Site and at the place of production, be entitled to examine, inspect, measure and test the Materials and workmanship, and to check the progress of manufacture of Materials.

No material shall be dispatched from the works without written consent of the Employer.

#### 7.66. Godown / Worker Accommodation

The accommodation for workers shall be arranged by the Contractor. No labour hutments shall be allowed within the site premises.

Contractor shall construct the stores at his cost and he shall be responsible for watch and ward of his materials / installation etc.

#### 7.67. Minor Civil Works

The costs for execution and completion of related Minor Civil Works such as cutting holes and making good shall be borne by the contractors.

#### 7.68. Termination

#### 7.68.1. Termination for Contractor Default

Save as otherwise provided in this Agreement, in the event that any of the defaults specified below shall have occurred, and the Contractor fails to cure the default within the Cure Period set forth below, or where no Cure Period is specified, then within a Cure Period of 60 (sixty) days, the Contractor shall be deemed to be in default of this Agreement (the "Contractor Default"), unless the default has occurred solely as a result of any breach of this Agreement by the Employer or due to Force Majeure. The defaults referred to herein shall include:

- (a) the Contractor fails to provide, extend or replenish, as the case may be, the Performance Security in accordance with this Agreement;
- (b) subsequent to the replenishment or furnishing of fresh Performance Security in accordance with Clause 6.9 of SCC, the Contractor fails to cure, within a Cure Period of 30 (thirty) days, the Contractor Default for which the whole or part of the Performance Security was appropriated;
- (c) the Contractor abandons or manifests intention to abandon the construction or Maintenance of the Project Works without the prior written consent of the Employer;
- (d) failure to complete the Punch List items within the periods stipulated there in i.e. within a period of 15 days;
- (e) the Contractor fails to rectify any Defect, the non-rectification of which shall have a Material Adverse Effect on the Project, within the time specified in this Agreement or as directed by the Employer's Engineer;
- (f) the Contractor subcontracts the Works or any part thereof in violation of this Agreement or assigns any part of the Works without the prior approval of the Employer;
- (g) the Contractor creates any Encumbrance in breach of this Agreement;
- (h) an execution levied on any of the assets of the Contractor has caused a Material Adverse Effect;
- (i) the Contractor is adjudged bankrupt or insolvent, or if a trustee or receiver is appointed for the Contractor or for the whole or material part of its assets that has a material bearing on the Project;
- (j) the Contractor has been, or is in the process of being liquidated, dissolved, wound-up, amalgamated or reconstituted in a manner that would cause, in the reasonable opinion of the Employer, a Material Adverse Effect;

- (k) a resolution for winding up of the Contractor is passed, or any petition for winding up of the Contractor is admitted by a court of competent jurisdiction and a provisional liquidator or receiver is appointed and such order has not been set aside within 90 (ninety) days of the date thereof or the Contractor is ordered to be wound up by court except for the purpose of amalgamation or reconstruction; provided that, as part of such amalgamation or reconstruction, the entire property, assets and undertaking of the Contractor are transferred to the amalgamated or reconstructed entity and that the amalgamated or reconstructed entity has unconditionally assumed the obligations of the Contractor under this Agreement; and provided that:
  - (i) The amalgamated or reconstructed entity has the capability and experience necessary for the performance of its obligations under this Agreement; and
  - (ii) the amalgamated or reconstructed entity has the financial standing to perform its obligations under this Agreement and has a credit worthiness at least as good as that of the Contractor as at the Appointed Date;
- (l) any representation or warranty of the Contractor herein contained which is, as of the date hereof, found to be materially false or the Contractor is at any time hereafter found to be in breach thereof;
- (m) the Contractor submits to the Employer any statement, notice or other document, in written or electronic form, which has a material effect on the Employer's rights, obligations or interests and which is false in material particulars;
- (n) the Contractor has failed to fulfil any obligation, for which failure Termination has been specified in this Agreement; or
- (o) the Contractor commits a default in complying with any other provision of this Agreement if such a default causes a Material Adverse Effect on the Project or on the Employer.

7.68.2. Without prejudice to any other rights or remedies which the Employer may have under this Agreement, upon occurrence of a Contractor Default, the Employer shall be entitled to terminate this Agreement by issuing a Termination Notice to the Contractor; provided that before issuing the Termination Notice, the Employer shall by a notice inform the Contractor of its intention to issue such Termination Notice and grant 15 (fifteen) days to the Contractor to make a representation, and may after the expiry of such 15 (fifteen) days, whether or not it is in receipt of such representation, issue the Termination Notice.

7.68.3. After termination of this Agreement for Contractor Default, the Employer may complete the Works and/or arrange for any other entities to do so. The Employer and these entities may then use any Materials, Plant and equipment, Contractor's documents and other design documents made by or on behalf of the Contractor.

7.68.4. Termination for Employer Default

In the event that any of the defaults specified below shall have occurred, and the Employer fails to cure such default within a Cure Period of 90 (ninety) days or such longer period as has been expressly provided in this Agreement, the Employer shall be deemed to be in default of this Agreement (the "Employer Default") unless the default has occurred as a result of any breach of this Agreement by the Contractor or due to Force Majeure. The defaults referred to herein shall include:

- (a) the Employer commits a material default in complying with any of the provisions of this Agreement and such default has a Material Adverse Effect on the Contractor;
- (b) the Employer has failed to make payment of any amount due and payable to the Contractor within the period specified in this Agreement;
- (c) the Employer repudiates this Agreement or otherwise takes any action that amounts to or manifests an irrevocable intention not to be bound by this Agreement; or
- (d) the Employer fails to issue the relevant Interim Payment Certificate within 60 (sixty) days after receiving a statement and supporting documents.

7.68.5. Without prejudice to any other right or remedy which the Contractor may have under this Agreement, upon occurrence of an Employer Default, the Contractor shall be entitled to terminate this Agreement by issuing a Termination Notice to the Employer; provided that before issuing the Termination Notice, the Contractor shall by a notice inform the Employer of its intention to issue the Termination Notice and grant 15 (fifteen) days to the Employer to make a representation, and may after the expiry of such 15 (fifteen) days, whether or not it is in receipt of such representation, issue the Termination Notice.

7.68.6. Termination for Employer's convenience

Notwithstanding anything stated hereinabove, the Employer may terminate this Agreement for convenience. The termination shall take effect 30 (thirty) days from the date of notice hereunder.

7.68.7. Requirements after Termination

Upon Termination of this Agreement in accordance with the terms of this Clause 7.79, the Contractor shall comply with and conform to the following:

- (a) deliver to the Employer all Plant and Materials which shall have become the property of the Employer under this Clause no. 7.79;
- (b) deliver all relevant records, reports, Intellectual Property and other licences pertaining to the Works, other design documents and in case of Termination occurring after the Provisional Certificate has been issued, the "as built" Drawings for the Works;
- (c) transfer and/or deliver all Applicable Permits to the extent permissible under Applicable Laws; and
- (d) vacate the Site within 15 (fifteen) days.

# Section 08:

## Broad Scope of Works

## Section 08: Broad Scope of Work

### 8.1. Project Background and works description

NICDC is inviting proposals to develop office space located at the 17<sup>th</sup> floor, HT House, K G Marg, New Delhi on PERCENTAGE RATE based on detailed BOQ. It is envisaged to have a highly functional design for the new office space with modern amenities.

The scope of this project involves the comprehensive execution of interior and fit-out works for the NICDC office located at HT House, New Delhi. The works include civil, architectural, plumbing, electrical, HVAC, and finishing activities, as per the specifications outlined in the Bill of Quantities (BOQ). The project aims to deliver a fully functional, modern office space in alignment with design intent and statutory requirements.

The major components of the scope are as follows:

#### **1. Civil and Masonry Works**

Construction of RCC and AAC blockwork, including concrete works, reinforcement, plastering, waterproofing, and POP punning for wall surfaces.

#### **2. Flooring and Wet Area Works**

Laying of vitrified tiles, glazed ceramic tiles, and engineered wood flooring; installation of modular carpet and epoxy grouting. Granite countertops and modular pantry units are also included.

#### **3. Partitions and Wall Cladding**

Installation of various partition systems including gypsum, glass, fire-rated plywood, and aluminium framed systems. Decorative finishes such as veneer, laminate, MDF panelling, and insulation boards are also covered.

#### **4. Ceiling Works**

Gypsum board ceilings, mineral fiber grid ceilings, veneer finishes, PET baffles, baffle ceilings, and trap doors are to be installed across various areas.

#### **5. Door and Window Works**

Supply and installation of various door types including veneer flush doors, laminated doors, stile doors, and fire-rated doors complete with hardware and accessories.

#### **6. Painting and Finishing**

Application of multi-surface paints, synthetic enamel, duco paint, wall coverings (including wallpapers), lacquered glass panels, and solid surface finishes.

#### **7. Furniture and Fixtures**

Custom-built storage cabinets, reception desks, and other modular furniture elements as per detailed architectural drawings.

#### **8. Electrical and Networking Systems**

Installation of internal wiring, lighting fixtures, cable trays, passive network systems, access control, UPS systems, CCTV, and IP-PBX communication systems including displays and telephony.

#### **9. Plumbing and Sanitary Fixtures**

Provision of concealed and exposed CPVC piping systems for water supply, installation of sanitary fittings including wash basins, water closets, urinals, and water heaters.

#### **10. Fire Fighting and Safety Systems**

Fire alarm and PA system installation, sprinkler piping, and other safety compliance equipment.

#### **11. HVAC Works**

Installation of ducting systems and VRV (Variable Refrigerant Volume) systems to ensure

optimal indoor climate control.

**12. Miscellaneous Works**

Includes the design and preparation of final as-built drawings, signage works, blinds, curtain fixtures, and acoustic solutions such as fluted PET panels.

All works are to be carried out using materials of approved make, in accordance with CPWD and IS standards wherever applicable, and under the supervision of the Engineer-in-Charge.

# Section 9:

## List of Makes

## Section 09: List of Makes

The following are the makes of materials/agencies items of work, the quality of which is acceptable to the Client.

ATTACHED SEPERATELY

# Section 10:

## Form of Agreement

## Section 10: Form of Agreement

(To be executed on requisite value of stamp Papers)

### AGREEMENT

THIS AGREEMENT is entered into on this the \_\_\_\_\_ day of \_\_\_\_\_, 2019

### BETWEEN

THE National Industrial Corridor Development Corporation Limited (NICDC), represented by its Chief Executive Officer and Managing Director, New Delhi, incorporated under Indian Companies and having registered office at (8<sup>th</sup> Floor, Tower 1, Jeevan Bharti Building, Connaught Place, New Delhi – 110 001 (hereinafter referred to as the "Employer" which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns) of One Part;

### AND

M/s. \_\_\_\_\_ means the selected bidder incorporated under Indian Companies Act, \_\_\_\_\_ having its registered office at \_\_\_\_\_, (hereinafter referred to as the "Contractor" which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) of the Other Part.

### WHEREAS:

- (A) The Employer has decided to undertake "Interiors and Fit-out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Contract based on BOQ in accordance with the terms and conditions to be set forth in this agreement. BOQ is part of contract document t.
- (B) The Employer had accordingly invited proposals by its Request for Qualification cum Proposal No. (the "Request for Qualification cum Proposal "or "RFQ&P") for shortlisting of bidders for execution of the "Project" on Percentage Rate basis on BOQ and had shortlisted certain bidders including, inter alia, the Contractor.
- (C) After evaluation of the bids received, the Employer had accepted the bid of the selected bidder and issued its Letter of Award No. \_\_\_\_\_ dated \_\_\_\_\_ (Hereinafter called the "LOA") to the selected bidder for " Interiors and Fit-out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Based on BOQ" at the Contract Value specified hereinafter, requiring the selected bidder to inter alia:

- (i) Execute this Agreement within 7 (Seven Days) days of the date of issue of LOA.
- (D) In this Agreement, words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
- (E) The following documents shall be deemed to form and be read and construed as part of this Agreement:
- a. Letter of Acceptance of Tender
  - b. Notice Inviting Tender
  - c. Instructions to the Tenderers
  - d. Appendix to Tender
  - e. Special Conditions of the Contract
  - f. General Conditions of Contract
  - g. Scope of work
  - h. Bill of Quantities (Percentage BOQ)
  - i. Concept Layout Drawing
  - j. Relevant codes and Standards
- (F) In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
- (G) 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 Value 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.

(Name, Designation and address of the authorised signatory)  
Signed for and on behalf of the Contractor in the presence of:

Witness:

- 1.
- 2.

(Name, Designation and address of the authorised signatory)  
Signed for and on behalf of the Employer in the presence of:

Witness:

- 1.
- 2.

Name and address of the witnesses to be indicated.

# **Bill of Quantities (Percentage BOQ)**

# Appendix

## Appendix – I – Letter Comprising of Technical Bid

To,

Dated: [\*\*\*\*\*  
\*\*\*\*\*]

Sub: Tender for the Interiors and Fit out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Based on BOQ.

Dear Sir,

With reference to your RFQ cum RFP document dated , we, having examined the RFQ cum RFP, Percentage BOQ, Drawings, Price Bid, Technical Specifications document and understood its contents, hereby submit our Bid for the aforesaid project. The Bid is unconditional and unqualified.

2. We acknowledge that the Employer will be relying on the information provided in the Bid and the documents accompanying such Bid for selection of the Bidders for the aforesaid project, and we certify that all information provided in the Bid and in all is true and correct; nothing has been omitted which renders such information misleading; and all documents accompanying such Bid are true copies of their respective originals.
3. This statement is made for the express purpose of qualifying as a Bidder for the Interiors and Fit out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Based on BOQ (incl. Defects Liability Period.)
4. We shall make available to the Employer any additional information it may find necessary or require to supplement or authenticate the Qualification statement.
5. We acknowledge the right of the Employer to reject our Bid without assigning any reason or otherwise and hereby waive, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.
6. We certify that in the last three years, any of the Joint Venture Members have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial Employer or a judicial pronouncement or arbitration award, nor been expelled from any project or contract by any public Employer nor have had any contract terminated by any public Employer for breach on our part.
7. We declare that:
  - a) We have examined and have no reservations to the Tender Documents, including any Addendum issued by the Employer; and

- b) We do not have any conflict of interest in accordance with Clauses 4.2.1(c) and 4.2.1(d) of the RFQ cum RFP document; and
  - c) We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as defined in Clause 7.1 (bb) of the RFQ cum RFP document, in respect of any tender or request for proposal issued by or any agreement entered into with the Employer or any other public sector enterprise or any government, Central or State; and
  - d) We hereby certify that we have taken steps to ensure that in conformity with the provisions of Clause 7.1 (bb) of the RFQ cum RFP document, no person acting for us or on our behalf has engaged or will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.
- 8. We understand that you may cancel the Bidding Process at any time and that you are neither bound to accept any Bid that you may receive nor to invite the Bidders to Bid for the Project, without incurring any liability to the Bidders, in accordance with Clause 4.11.6 of the RFP document.
  - 9. We believe that we/our Joint Venture/proposed Joint Venture satisfy(ies) the Technical Capacity and meet(s) all the requirements as specified in the RFQ cum RFP document and are qualified to submit a Bid.
  - 10. We declare that we/any Member of the Joint Venture are not a Member of a/any other Joint Venture applying for bid.
  - 11. We certify that in regard to matters other than security and integrity of the country, we/any Member of the Joint Venture have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory Employer which could cast a doubt on our ability to undertake the Project or which relates to a grave offence that outrages the moral sense of the community.
  - 12. We further certify that in regard to matters relating to security and integrity of the country, we/any Member of the Joint Venture have not been charge-sheeted by any agency of the Government or convicted by a Court of Law.
  - 13. We further certify that no investigation by a regulatory Employer is pending either against us/ any Member of the Joint Venture or against our CEO or any of our directors/managers/ employees.
  - 14. We undertake that in case due to any change in facts or circumstances during the Bidding Process, we are attracted by the provisions of disqualification in terms of the provisions of this RFQ cum RFP, we shall intimate the Employer of the same immediately.

15. Integrity Pact as per Appendix-VII of the RFQ cum RFP document, and duly signed, is enclosed. The power of attorney for signing of bid and the power of attorney for Lead Member of Joint Venture, as per format provided at Appendix-II and III respectively of the RFQ cum RFP, are also enclosed.
16. We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the Employer in connection with the selection of Bidders, selection of the Bidder, or in connection with the selection/ Bidding Process itself, in respect of the above-mentioned Project and the terms and implementation thereof.
17. In the event of my/ our being declared as the Selected Bidder, I/we agree to enter into a Agreement in accordance with the draft that has been provided to me/us prior to the BID Due Date. We agree not to seek any changes in the aforesaid draft and agree to abide by the same.
18. We have studied all the Bidding Documents carefully and also surveyed the project. We understand that except to the extent as expressly set forth in the Agreement, we shall have no claim, right or title arising out of any documents or information provided to us by the Authority or in respect of any matter arising out of or relating to the Bidding Process including the award of Agreement.
19. We offer a BID Security of Rs. 4,85,065 (Rupees Four Lakhs Eighty Five Thousand Sixty Five Only) to the Employer in accordance with the RFQ cum RFP Document.
20. The BID Security and the Bid Processing fees are enclosed herewith in the prescribed format;
21. We agree and undertake to abide by all the terms and conditions of the RFQ cum RFP document.
22. We undertake to engage personnel specialized/ sub-contractors for design and construction of those elements of the Project for which we do not have adequate experience.
23. {We agree and undertake to be jointly and severally liable for all the obligations of the Contractor under the Percentage Rate Agreement.}
24. We hereby submit our BID and offer a BID Price as indicated in Financial Bid for undertaking the aforesaid Project in accordance with the Bidding Documents and the Agreement.
25. We shall keep this offer valid for 180 (One hundred and Eighty) days from the BID Due Date specified in the RFQ cum RFP.

In witness thereof, we submit this bid under and in accordance with the terms of the RFQ cum RFP document.

Yours faithfully,

Date: (Signature, name and designation of the Authorised Signatory)

Place: Name and seal of the Bidder/ Lead Member

Note: Paragraphs in square parenthesis may be omitted, if not applicable, or modified as necessary.

## Appendix – I – Annex – I – Details of the Bidder

1. (a) Name:  
(b) Country of incorporation:  
(c) Address of the corporate headquarters and its branch office(s), if any, in India:  
(d) Date of incorporation and/ or commencement of business:
2. Brief description of the Company including details of its main lines of business and proposed role and responsibilities in this Project:
3. Details of individual(s) who will serve as the point of contact/ communication for the Employer:
  - (a) Name:
  - (b) Designation:
  - (c) Company:
  - (d) Address:
  - (e) Telephone Number:
  - (f) E-Mail Address:
  - (g) Fax Number:
4. Particulars of the Authorised Signatory of the Bidder:
  - (a) Name:
  - (b) Designation:
  - (c) Address:
  - (d) Phone Number:
  - (e) Fax Number:
5. In case of a Joint Venture:
  - (a) The information above (1 - 4) should be provided for all the Members of the Joint Venture.
  - (b) A copy of the Jt. Bidding Agreement, as envisaged in Clause 4.7.5 should be attached to the Bid.
  - (c) Information regarding the role of each Member should be provided as per table below:

Sl. No.	Name of Member	Role*
1.		
2.		
3.		

The role of each Member, as may be determined by the Bidder, should be indicated in accordance with Clause 4.2.3.

- (d) The following information shall also be provided for each Member of the Joint Venture:  
Name of Bidder / member of Joint Venture

No.	Criteria	Yes	No
1.	Has the Bidder/ constituent of the Joint Venture been barred by the Central/ State Government, or any entity controlled by it, from participating in any project		
2.	If the answer to 1 is yes, does the bar subsist as on Bid Due Date.		

## Appendix – I – Annex – II A – Technical Capacity of the Bidder

Details of Similar Works  
(Details to be filled online)

S. No	Name of work and its location	Name of Client & its contact details	Date and No. of Completion Certificate	Date of Start	Date of Completion	Cost of Work on completion	Project Type and Details
1.							
2.							
3.							

All the works submitted against similar works shall be supported by completion certificate. Works submitted without the completion certificate shall not be considered.

Signature of Bidder with Seal

## Appendix – I – Annex – II B – Financial Capacity of the Bidder

(Refer Clauses 4.2.2 (B) and 5.3)

### COMPLETE FINANCIAL DETAILS

(Details to be filled online)

Tender For: .....

#### MANDATORY INFORMATION DOCUMENTS:

	Description	Year 2021- 2022	Year 2022- 2023	Year 2023- 2024	Average
i)	Annual Financial turnover as on 31 <sup>st</sup> March of Last FY				
ii)	Net Worth (paid up capital + reserves) as on 31 <sup>st</sup> March of FY 2023 - 24				

1. Summarized page of Audited Balance Sheet of each Financial Year indicated (ending 31<sup>st</sup> March of each FY) duly certified by the chartered account, is to be submitted.
2. In case the Bidder does not have a statutory auditor, it may provide the certificate from its Chartered Accountant

Signature of Statutory  
Auditor with Seal / CA

Seal and Signature  
of bidder

## Appendix – I B – Letter comprising the Financial BID

*(Refer Clauses 4.7.5)*

(To be submitted Online)

Financial Proposal Submission Form

To,  
CEO & MD,  
NICDC Limited,  
8<sup>th</sup> Floor, Tower 1, Jeevan Bharti Building,  
Connaught Place New Delhi – 110001  
India

Dear Sir,

Subject: Interiors and Fit out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Based on BOQ

We, the undersigned, offer to provide the services for “Interiors and Fit out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Based on BOQ” in accordance with your proposal dated [date] and our Proposal. Our attached Financial Proposal is for the sum of Rs. [amount(s) in words and figures] inclusive of all applicable taxes.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from arithmetic correction, if any, up to expiration of the validity period of the Proposal, i.e. [date].

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely “Prevention of Corruption Act 1988”.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

## Appendix – I B – Annex – I Price Bid (Percentage BoQ)

ATTACHED SEPRATELY

## Appendix – II Format for Power of Attorney for signing of Bid

*(Refer Clause 4.7.5)*

Know all men by these presents, We.....(name of the firm and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authorize Mr./ Ms. (name), ..... son/daughter/wife of..... and presently residing at... .., who is presently employed with us/ the Lead Member of our Joint Venture and holding the position of ....., as our true and lawful attorney (hereinafter referred to as the “Attorney”) to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental submission of our bid for the Project proposed or being developed by NICDC (the “Employer”) including but not limited to signing and submission of all bids and other documents and writings, participate in Bids and other conferences and providing information/ responses to the Employer, representing us in all matters before the Employer, signing and execution of all contracts including the Percentage Rate Agreement and undertakings consequent to acceptance of our bid, and generally dealing with the Employer in all matters in connection with or relating to or arising out of our bid for the said Project and/ or upon award thereof to us and/or until the Appointed Date under Percentage Rate Agreement.

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, ....., THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS ..... DAY OF ..... 2....

For

.....  
(Signature, name, designation and address)

Witnesses:

- 1.
- 2.

(Notarised Signature)

Accepted

.....

(Signature)

(Name, Title and Address of the Attorney)

Note:

- *The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.*
- *Wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.*

## Appendix – III Format for Power of Attorney for Lead Member of Joint Venture

*(Refer Clause 4.7.5)*

Whereas the ("the Employer") has invited bids from interested parties for the Project (the "Project").

Whereas, ....., ....., ..... and (collectively the "Joint Venture") being Members of the Joint Venture are interested in bidding for the Project in accordance with the terms and conditions of the Request for Qualification (RFQ) cum Request for Proposal (RFP) and other connected documents in respect of the Project, and

Whereas, it is necessary for the Members of the Joint Venture to designate one of them as the Lead Member with all necessary power and Employer to do for and on behalf of the Joint Venture, all acts, deeds and things as may be necessary in connection with the Joint Venture's bid for the Project and its execution.

NOW THEREFORE KNOW ALL MEN BY THESE PRESENTS

We, ..... having our registered office at ....., M/s. .... having our registered office at ....., M/s. .... having our registered office at ....., and ..... having our registered office at ....., (hereinafter collectively referred to as the "Principals") do hereby irrevocably designate, nominate, constitute, appoint and authorise M/s.....having its registered office at ....., being one of the Members of the Joint Venture, as the Lead Member and true and lawful attorney of the Joint Venture (hereinafter referred to as the "Attorney"). We hereby irrevocably authorise the Attorney (with power to sub-delegate) to conduct all business for and on behalf of the Joint Venture and any one of us during the bidding process and, in the event the Joint Venture is awarded the contract, during the execution of the Project and in this regard, to do on our behalf and on behalf of the Joint Venture, all or any of such acts, deeds or things as are necessary or required or incidental to the pre-qualification of the Joint Venture and submission of its bid for the Project, including but not limited to signing and submission of all applications, bids and other documents and writings, participate in bidders and other conferences, respond to queries, submit information/ documents, sign and execute contracts and undertakings consequent to acceptance of the bid of the Joint Venture and generally to represent the Joint Venture in all its dealings with the Employer, and/ or any other Government Agency or any person, in all matters in connection with or relating to or arising out of the Joint Venture's bid for the Project and/ or upon award thereof until the Appointed Date under the Percentage Rate Agreement.

AND hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney

in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us/ Joint Venture.

IN WITNESS WHEREOF WE THE PRINCIPALS ABOVE NAMED HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF ..... 2.....

For .....  
(Signature)

.....  
(Name & Title)

For .....  
(Signature)  
(Name & Title)

For .....  
(Signature)  
(Name & Title)

Witnesses:

- 1.
- 2.

.....

(Executants)

(To be executed by all the Members of the Joint Venture)

Notes:

- *The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.*
- *Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/ power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.*

## Appendix – IV Format for Joint Bidding Agreement for Joint Venture

*(Refer Clause 4.7.5)*

*(To be executed on Stamp paper of appropriate value)*

THIS JOINT BIDDING AGREEMENT is entered into on this the day of ..... 20...

### AMONGST

1. {a company} and having its registered office at (hereinafter referred to as the "First Part" which expression shall, unless repugnant to the context include its successors and permitted assigns)

AND

2. {a company} and having its registered office at (hereinafter referred to as the "Second Part" which expression shall, unless repugnant to the context include its successors and permitted assigns)

AND

3. {a company and having its registered office at (hereinafter referred to as the "Third Part" which expression shall, unless repugnant to the context include its successors and permitted assigns)}

The above-mentioned parties of the FIRST, {SECOND and THIRD} PART(S) are collectively referred to as the "Parties" and each is individually referred to as a "Party"

WHEREAS,

- (A) [....., incorporated under the ... .. Act ....., represented by its ... .. and having its principal offices at..... ] (hereinafter referred to as the "Employer" which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns) has invited Bids (the Bids") by its Request for Qualification No. .... dated .....(the "RFQ cum RFP") for ... .. Project (the "Project") through a Percentage Rate Agreement.
- (B) The Parties are interested in jointly bidding for the Project as members of a Joint Venture and in accordance with the terms and conditions of the RFQ cum RFP document and other bid documents in respect of the Project, and
- (C) It is a necessary condition under the RFQ cum RFP document that the members of the Joint Venture shall enter into a Joint Bidding Agreement and furnish a copy thereof with the Bid.

NOW IT IS HEREBY AGREED as follows:

## 1. Definitions and Interpretations

In this Agreement, the capitalized terms shall, unless the context otherwise requires, have the meaning ascribed thereto under the RFQ cum RFP.

## 2. Joint Venture

- i. The Parties do hereby irrevocably constitute a Joint Venture (the “Joint Venture”) for the purposes of jointly participating in the Bidding Process for the Project.
- ii. The Parties hereby undertake to participate in the Bidding Process only through this Joint Venture and not individually and/ or through any other Joint Venture constituted for this Project, either directly or indirectly.

## 3. Covenants

The Parties hereby undertake that in the event the Joint Venture is declared the selected Bidder and awarded the Project, it shall enter into a Percentage Rate Agreement with the Employer for performing all its obligations as the Contractor in terms of the Percentage Rate Agreement for the Project.

## 4. Role of the Parties

The Parties hereby undertake to perform the roles and responsibilities as described below:

- (a) Party of the First Part shall be the Lead member of the Joint Venture and shall have the power of attorney from all Parties for conducting all business for and on behalf of the Joint Venture during the Bidding Process and until the Appointed Date under the Percentage Rate Agreement;

Shareholding

- (b) Party of the Second Part shall be {the Member of the Joint Venture; and}
- (c) Party of the Third Part shall be the Member of the Joint Venture.

## 5. Joint and Several Liability

The Parties do hereby undertake to be jointly and severally responsible for all obligations and liabilities relating to the Project and in accordance with the terms of the Tender Documents, till such time as the completion of the defects Liability period in accordance with the Contract.

The Parties do hereby undertake and declare that the Lead Member shall represent all the members of the Joint Venture and shall at all times be liable and responsible for discharging the functions and obligations of the Joint Venture; and that each member of the joint Venture

shall be bound by any decision, communication, notice, action or inaction of the Lead Member on any matter related to this Agreement and the Employer shall be entitled to rely upon any such action, decision or communication of the Lead Member. The Employer shall have the right to release payments solely to the Lead Member and shall not in any manner be responsible or liable for the inter se allocation of payments among members of the Joint Venture.

#### 6. Share of work in the Project

The Bid should include a brief description of the roles and responsibilities of individual members with their share of percentages, particularly with reference to financial, technical and defects liability obligations;

#### 7. Representation of the Parties

Each Party represents to the other Parties as of the date of this Agreement that:

- (a) Such Party is duly organized, validly existing and in good standing under the laws of its incorporation and has all requisite power and authority to enter into this Agreement;
- (b) The execution, delivery and performance by such Party of this Agreement has been authorized by all necessary and appropriate corporate or governmental action and a copy of the extract of the charter documents and board resolution/ power of attorney in favour of the person executing this Agreement for the delegation of power and authority to execute this Agreement on behalf of the Joint Venture Member is annexed to this Agreement, and will not, to the best of its knowledge:
  - (i) require any consent or approval not already obtained;
  - (ii) violate any Applicable Law presently in effect and having applicability to it;
  - (iii) violate the memorandum and articles of association, by-laws or other applicable organizational documents thereof;
  - (iv) violate any clearance, permit, concession, grant, license or other governmental authorization, approval, judgment, order or decree or any mortgage agreement, indenture or any other instrument to which such Party is a party or by which such Party or any of its properties or assets are bound or that is otherwise applicable to such Party; or
  - (v) create or impose any liens, mortgages, pledges, claims, security interests, charges or Encumbrances or obligations to create a lien, charge, pledge, security interest, encumbrances or mortgage in or on the property of such Party, except for encumbrances that would not, individually or in the aggregate, have a material adverse effect on the

financial condition or prospects or business of such Party so as to prevent such Party from fulfilling its obligations under this Agreement;

- (c) this Agreement is the legal and binding obligation of such Party, enforceable in accordance with its terms against it; and
- (d) there is no litigation pending or, to the best of such Party's knowledge, threatened to which it or any of its Affiliates is a party that presently affects or which would have a material adverse effect on the financial condition or prospects or business of such Party in the fulfilment of its obligations under this Agreement.

## 8. Termination

This Agreement shall be effective from the date hereof and shall continue in full force and effect until Project completion (the "Defects Liability Period") is achieved under and in accordance with the Percentage Rate Agreement, in case the Project is awarded to the Joint Venture. However, in case the Joint Venture does not get selected for award of the Project, the Agreement will stand terminated in case the Bidder is not selected or upon return of the Bid Security by the Employer to the Bidder, as the case may be.

## 9. Miscellaneous

- a) This Joint Bidding Agreement shall be governed by laws of {India}.
- b) The Parties acknowledge and accept that this Agreement shall not be amended by the Parties without the prior written consent of the Employer.

IN WITNESS WHEREOF THE PARTIES ABOVE NAMED HAVE EXECUTED AND DELIVERED THIS AGREEMENT AS OF THE DATE FIRST ABOVE WRITTEN.

SIGNED, SEALED AND DELIVERED

SIGNED, SEALED AND DELIVERED

For and on behalf of

LEAD MEMBER by:

(Signature)  
(Name)  
(Designation)  
(Address)

SECOND PART

(Signature)  
(Name)  
(Designation)  
(Address)

SIGNED, SEALED AND DELIVERED

For and on behalf of  
THIRD PART

(Signature)  
(Name)  
(Designation)  
(Address)

In the presence of:

1.

2.

Notes:

1. The mode of the execution of the Joint Bidding Agreement should be in accordance with the procedure, if any, laid down by the Applicable Law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.
2. Each Joint Bidding Agreement should attach a copy of the extract of the charter documents and documents such as resolution / power of attorney in favour of the person executing this Agreement for the delegation of power and authority to execute this Agreement on behalf of the Joint Venture Member.

## Appendix – V – Format for Performance Security

*(Refer Clause 6.9.)*

(To be stamped in accordance with Stamp Act if any, of the country for issuing bank)

Ref.:

Bank Guarantee:

Date:

Dear Sir,

In consideration of National Industrial Corridor Development Corporation Limited (hereinafter referred as the 'Client', which expression shall, unless repugnant to the context of meaning thereof include its successors, administrators and assigns) having awarded to M/s [name of Contractor] a [type of company], established under laws of [country] and having its registered office at [address] (hereinafter referred to as the 'Contractor' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and permitted assigns), an Assignment for preparation of [name of assignment] Contract by issue of Client's Contract Letter of Award No. [reference] dated [date] and the same having been unequivocally accepted by the Contractor, resulting in a Contract valued at Rs. [amount in figures and words] for (Scope of Work) (hereinafter called the 'Contract') and the Contractor having agreed to furnish a Bank Guarantee amounting to Rs. [amount in figures and words] to the Client for performance of the said Agreement.

We [Name of Bank] incorporated under [law and country] having its Head Office at [address] (hereinafter referred to as the Bank), which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators' executors and assigns) do hereby guarantee and undertake to pay the Client immediately on demand an or, all monies payable by the Contractor to the extent of Rs. [amount in figure and words] as aforesaid at any time up to [date] without any demur, reservation, contest, recourse or protest and/ or without any reference to the Contractor. Any such demand made by the Client on the Bank shall be conclusive and binding notwithstanding any difference between the Client and the Contractor or any dispute pending before any Court, Tribunal, Arbitrator or any other authority.

We agree that the Guarantee herein contained shall be irrevocable and shall continue to be enforceable until the Client discharges this guarantee.

The Client shall have the fullest liberty without affecting in any way the liability of the Bank under this Guarantee, from time to time to vary the advance or to extend the time for performance of the Contract by the Contractor nor shall the responsibility of the bank be affected by any variations in the terms and conditions of the contract or other documents. The Client shall have the fullest liberty without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Client and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the Client and the Contractor any other course or remedy or

security available to the client. The Bank shall not be relieved of its obligations under these presents by any exercise by the Client of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the Client or any other indulgence shown by the Client or by any other matter or thing whatsoever which under law would but for this provision have the effect of relieving the Bank.

The Bank also agrees that the Client at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee that the client may have in relation to the Contractor's liabilities.

This Guarantee shall be irrevocable and shall remain in full force and effect until discharge by the Bank of all its obligations hereunder.

This Guarantee shall not be affected by any change in the constitution or winding up of the Contractor /the Bank or any absorption, merger or amalgamation of the Contractor /the bank with any other Person.

Notwithstanding anything contained herein above our liability under this guarantee is limited to Rs. [amount in figure and words] and it shall remain in force up to and including [date] and shall extend from time to time for such period(s) (not exceeding one year), as may be desired by M/s [name of Contractor] on whose behalf this guarantee has been given. Date this [date in words] day [month] of [year in 'yyyy' format] at [place].

#### WITNESS

1. [signature, name and address]
2. [signature, name and address]

[Official Address]

Designation

[With Bank Stamp]

Attorney as Per Power of Attorney No.

Dated

Strike out, whichever is not applicable.

The date will be fixed as indicated in S.C.C.

The stamp papers of appropriate value shall be purchased in the name of bank which issues the 'Bank Guarantee'. The bank guarantee shall be issued either by a bank (Nationalized/Scheduled) located in India or a foreign bank through a correspondent bank (scheduled) located in India or directly by a foreign bank which has been determined in advance to be acceptable to the Client.

## Appendix - VI – Form for Guarantee for Advance Payment

..... EMPLOYER,

New Delhi

WHEREAS:

- (A) [name and address of contractor] (hereinafter called "the Contractor") has executed an agreement (hereinafter called the "Agreement") with the [name and address of the EMPLOYER], (hereinafter called "the EMPLOYER") for the "Works of Interiors of New Office Space for NICDC at Jeevan Bharti Building, Connaught Place, New Delhi on Percentage Rate Basis", subject to and in accordance with the provisions of the Agreement.
- (B) in accordance with the Clause 6.8.1. of the Agreement, the EMPLOYER shall make to the Contractor an interest bearing advance payment (hereinafter called "Advance Payment") equal to 10% (ten per cent) of the Contract Value for mobilization expenses and acquisition of equipment; and that the Advance Payment shall be made in three instalments subject to the Contractor furnishing an irrevocable and unconditional guarantee by a scheduled bank for an amount equal to the 110% amount of each instalment to remain effective till the complete and full repayment of the instalment of the Advance Payment as security for compliance with its obligations in accordance with the Agreement; and the amount of (first/second/third) instalment of the Advance Payment is Rs. \*\*\*\* cr. (Rupees \*\*\*\*\* crore) (the "Guarantee Amount").
- (C) We, ..... through our branch at .....(the "Bank") have agreed to furnish this bank guarantee (hereinafter called the "Guarantee") for the Guarantee Amount. NOW, THEREFORE, the Bank hereby, unconditionally and irrevocably, guarantees and affirms as follows:
1. The Bank hereby unconditionally and irrevocably guarantees the due and faithful repayment on time of the aforesaid instalment of the Advance Payment under and in accordance with the Agreement, and agrees and undertakes to pay to the EMPLOYER, upon its mere first written demand, and without any demur, reservation, recourse, contest or protest, and without any reference to the Contractor, such sum or sums up to an aggregate sum of the guarantee amount as the EMPLOYER shall claim, without the EMPLOYER being required to prove or to show grounds or reasons for its demand and/or for the sum specified therein.
  2. A letter from the EMPLOYER, under the hand of an officer not below the rank of [.....of EMPLOYER], that the Contractor has committed default in the due and faithful performance of all or any of its obligations for the repayment of the instalment of the Advance Payment under and in accordance with the Agreement shall be conclusive, final and binding on the Bank. The Bank further agrees that the EMPLOYER shall be the sole judge as to whether the Contractor is in default in due and faithful performance of its obligations during and under the Agreement and its decision that the Contractor is in

default shall be final, and binding on the Bank, notwithstanding any difference between the EMPLOYER and the Contractor, or any dispute between them pending before any court, tribunal, arbitrators or any other authority or body, or by the discharge of the Contractor for any reason whatsoever.

3. In order to give effect to this Guarantee, the EMPLOYER shall be entitled to act as if the Bank were the principal debtor and any change in the constitution of the Contractor and/or the Bank, whether by their absorption with any other body or corporation or otherwise, shall not in any way or manner affect the liability or obligation of the Bank under this Guarantee.
4. It shall not be necessary, and the Bank hereby waives any necessity, for the EMPLOYER to proceed against the Contractor before presenting to the Bank its demand under this Guarantee.
5. The EMPLOYER shall have the liberty, without affecting in any manner the liability of the Bank under this Guarantee, to vary at any time, the terms and conditions of the Advance Payment or to extend the time or period of its repayment or to postpone for any time, and from time to time, any of the rights and powers exercisable by the EMPLOYER against the Contractor, and either to enforce or forbear from enforcing any of the terms and conditions contained in the Agreement and/or the securities available to the EMPLOYER, and the Bank shall not be released from its liability and obligation under these presents by any exercise by the EMPLOYER of the liberty with reference to the matters aforesaid or by reason of time being given to the Contractor or any other forbearance, indulgence, act or omission on the part of the EMPLOYER or of any other matter or thing whatsoever which under any law relating to sureties and guarantors would but for this provision have the effect of releasing the Bank from its liability and obligation under this Guarantee and the Bank hereby waives all of its rights under any such law.
6. This Guarantee is in addition to and not in substitution of any other guarantee or security now or which may hereafter be held by the EMPLOYER in respect of or relating to the Advance Payment.
7. Notwithstanding anything contained hereinbefore, the liability of the Bank under this Guarantee is restricted to the Guarantee amount and this Guarantee will remain in force for the period specified in paragraph 8 below and unless a demand or claim in writing is made by the EMPLOYER on the Bank under this Guarantee all rights of the EMPLOYER under this Guarantee shall be forfeited and the Bank shall be relieved from its liabilities hereunder.
8. The guarantee shall cease to be in force and effect 90 (ninety) days after the end of the one year from the date of payment of the instalment of the Advance Payment, as set forth in Clause 6.8.1. of the Agreement.

9. The Bank undertakes not to revoke this Guarantee during its currency, except with the previous express consent of the EMPLOYER in writing, and declares and warrants that it has the power to issue this Guarantee and the undersigned has full powers to do so on behalf of the Bank.
10. Any notice by way of request, demand or otherwise hereunder may be sent by post addressed to the Bank at its above referred branch, which shall be deemed to have been duly authorized to receive such notice and to effect payment thereof forthwith, and if sent by post it shall be deemed to have been given at the time when it ought to have been delivered in due course of post and in proving such notice, when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and a certificate signed by an officer of the EMPLOYER that the envelope was so posted shall be conclusive.
11. This Guarantee shall come into force with immediate effect and shall remain in force and effect for up to the end \*\*\*\* month in the year \*\*\*\*\* or until it is released earlier by the EMPLOYER pursuant to the provisions of the Agreement.

Signed and sealed this ..... day of ..... 20 ..... at .....

SIGNED, SEALED AND DELIVERED

For and on behalf of the Bank by:

(Signature)  
(Name)  
(Designation)  
(Code Number)  
(Address)

NOTES:

- i. The bank guarantee should contain the name, designation and code number of the officer(s) signing the guarantee.
- ii. The address, telephone number and other details of the head office of the Bank as well as of issuing branch should be mentioned on the covering letter of issuing branch.

## Appendix – VII – Integrity Pact

(Refer Clause 4.7.5)

BETWEEN

NICDC hereinafter referred to as "The Principal / Employer" (which expression, unless repugnant to the context thereof, shall mean and include its legal representatives, heirs and assigns)

AND

.....hereinafter referred to as "The Bidder / Contractor" (which expression, unless repugnant to the context thereof, shall mean and include its legal representatives, heirs and assigns)

Preamble

The Principal intends to award, under laid down organizational procedures, contract(s) for (Name of the contract) (hereinafter referred to as the 'Project'). The Principal necessarily requires full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/or Contractor(s).

### Section 1: Commitments of the Principal

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
  - a) No employee of the Principal, personally or through family members or through any other channel, will in connection with the tender for or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit, which the person is not legally entitled to.
  - b) The Principal will, during the tender process treat all Contractor(s) / Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Contractor(s)/Bidder(s) the same information and will not provide to any Contractor(s) / Bidder(s), confidential/additional information through which the Contractor(s) / Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
  - c) The Principal will exclude from the process all known prejudiced persons. The Principal shall obtain bids from only those parties who have been short-listed or pre-qualified or through a process of open advertisement/ web publishing or any combination thereof.
- (2) If the Principal obtains information on the conduct of any of its employees, Contractor(s) and/or Bidder(s), which is a criminal offence under the IPC/PC Act, or if there be a substantive

suspicion in this regard, the Principal will inform the Chief Vigilance Officer and subject to its discretion, can additionally initiate disciplinary actions.

- (3) The Principal will enter into agreements with identical conditions with all Contractor(s) / Bidder(s) for the different Work Packages in the aforesaid Project.
- (4) The Principal will disqualify from the tender process all Contractor(s)/Bidder(s); who do not sign this Pact or violate its provisions.

## Section 2: Commitments of the Bidder(s) / Contractor(s)

- (1) The Bidder(s) / Contractor(s) commit(s) itself/themselves to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
  - (a) The Bidder(s) / Contractor(s) will not, directly or through any other person or firm offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage, of any kind whatsoever, during the tender process or during the execution of the contract.
  - (b) The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non - submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
  - (c) The Bidder(s)/Contractor(s) will not use improperly, for purpose of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - (d) The Bidder(s) / Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s) / Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s) / Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only.
  - (e) The Bidder(s) / Contractor(s) will, when submitting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

- (2) The Bidder(s) / Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### Section 3: Disqualification from tender process and/or exclusion from future contracts.

- (1) If the Bidder(s) / Contractor(s), before awarding the Project or during execution has committed a transgression by violating Section 2 above or in any other form so as to put his reliability or credibility in question, the Principal, at its sole discretion, is entitled to disqualify the Bidder(s) / Contractor(s) from the tender process or terminate the contract, if already awarded, for that reason, without prejudice to any other legal rights or remedies available to the Principal under the relevant clauses of Percentage Rate Agreement, Schedules of the tender/contract.
- (2) If the Contractor(s)/Bidder(s) has committed a transgression through a violation of any of the terms under Section 2 above or in any other form such as to put his reliability or credibility into question, the Principal will also be entitled to exclude such Contractor(s)/Bidder(s) from future tenders/contract award processes. The imposition and duration of the exclusion will be determined by the Principal, keeping in view the severity of the transgression. The severity will be determined by the circumstances of the case, in particular, the number of transgressions and/or the amount of the damage.
- (3) If it is observed after payment of final bill but before the expiry of validity of Integrity Pact that the contractor has committed a transgression, through a violation of any of the terms under Section 2 above or any other term(s) of this Pact, during the execution of contract, the Principal will be entitled to exclude the contractor from further tender/contract award processes.
- (4) The exclusion will be imposed for a minimum period of six (6) months and a maximum period of three (3) years.
- (5) If the Contractor(s)/Bidder(s) can prove that he has restored/recouped the damage to the Principal caused by him and has installed a suitable corruption prevention system, the Principal may, at its sole discretion, revoke or reduce the exclusion period before the expiry of the period of such exclusion.

### Section 4: Compensation for Damages

- (1) If the Principal has disqualified the Bidder(s)/Contractor(s) from the tender process prior to the awarding of the Project according to Section 3, the Bid Security furnished, if any, along with the offer, as per terms of the Invitation of Tender, shall also be forfeited. The Bidder(s)/Contractor(s) understands and agrees that this will be in addition to the disqualification and exclusion of the Contractor(s)/Bidder(s) as may be imposed by the Principal, in terms of Section 3 above.
- (2) If, at any time after the awarding of the Project, the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to

Section 3, the Security Deposit/Performance Bank Guarantee furnished by the contractor, if any, as per the terms of the NIT/Contract shall be forfeited without prejudice to any other legal rights and remedies available to the Principal under the relevant clauses of General/ Special Conditions of Contract.

The Contractor(s)/Bidder(s) understands and agrees that this will be in addition to the disqualification and exclusion of the Bidder(s)/Contractor(s), as may be imposed by the Principal in terms of Section 3 above.

#### Section 5: Previous transgression

The Bidder(s)/Contractor(s) herein declares that it has committed no transgressions in the last 3 years with any other Company in any country conforming to the anti-corruption approach as detailed herein or with government/ any other Public Sector Enterprise in India that could justify its exclusion from the tender process.

If at any point of time during the tender process or after the awarding of the Contract, it is found that the Bidder(s)/Contractor(s) has made an incorrect statement on this subject, he can be disqualified from the tender process or if, as the case may be, that the Contract, is already awarded, it will be terminated for such reason and the Bidder(s)/Contractor(s) can be black listed in terms of Section 3 above.

#### Section 6: Independent External Monitor / Monitors

Deleted

#### Section 7 Criminal charges against violating Bidder(s)/Contractor(s)/Subcontractor(s)

If the Principal obtains knowledge of conduct of a Bidder/Contractor or any employee or a representative or an associate of a Bidder/Contractor, which constitutes a criminal offence under the IPC/PC Act, or if the Principal has substantive suspicion in this regard, the Principal will forthwith inform the same to the CLIENT.

#### Section 8 - Duration of the Integrity Pact

This Pact shall come into force when both parties have legally signed it. The Pact shall expire, in case of the Contractor(s), 3 (three) months after the last payment under the Contract is made and in case of the unsuccessful Bidder(s), 2 (two) months after the contract for the project has been awarded.

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by CLIENT. The Bidder(s)/Contractor(s), however, understands and agrees that even upon the completion of the Project and/or the last payment under the Contract having been made, if any

transgression/violation of the terms of this Pact comes/is brought to the notice of the Principal, it may, subject to its discretion, blacklist and/or exclude such Bidder(s)/Contractor(s) as provided for in Section 3, without prejudice to any other legal right or remedy so available to the Principal.

#### Section 9 - Other provisions

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
- (2) Changes and supplements as well as termination notices need to be made in writing.
- (3) If the Bidder/Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement shall remain valid and binding. In such a case, the parties will strive to come to an agreement in accordance to their original intentions.
- (5) Wherever he or his as indicated in the above sections, the same may be read as he/she or his/her, as the case may be.

(For & On behalf of the Principal)

(Office Seal)

Place \_\_\_\_\_

Date \_\_\_\_\_

Witness 1: (Name & Address)

\_\_\_\_\_

Witness 2: (Name & Address)

\_\_\_\_\_

{COUNTERSIGNED and accepted by:

JV Partner}

(For & On behalf of Bidder/ Contractor)

(Office Seal)

## Appendix – VIII – NON – DISCLOSURE AGREEMENT

*(Refer Clause 4.7.5)*

THIS NON-DISCLOSURE AGREEMENT (this “Agreement”) is entered into on ..... by Client and (name of the Bidder) between the undersigned parties on the date specified below.

WHEREAS, either Party possesses certain confidential proprietary information; and WHEREAS, in connection with the pursuit, evaluation and/or feasibility of a business relationship, and/or the consummation of a transaction (collectively, the "Business Purposes") between the two parties hereto, including their affiliates, subsidiaries, stockholders, partners, co-venture, trading partners, employees and other organizations (hereinafter referred to as Affiliates), confidential proprietary information of one Party may become available to the other Party.

WHEREAS, either Party desires to prevent the unauthorized use and disclosure of its confidential proprietary information.

NOW THEREFORE, in consideration of these premises and for other good and valuable consideration, Receipt of which is hereby acknowledged, the parties agree as follows:

- I. Confidential Information. For purposes of this Agreement, Confidential Information shall mean all strategic and development plans, financial condition, business plans, co-developer identities, data, business records, customer lists, project records, market reports, employee lists and business manuals, policies and procedures, information relating to processes, technologies or theory and all other information which may be disclosed by one Party or to which the other Party may be provided access by the disclosing Party or others in accordance with this Agreement, or which is generated as a result of , incidental to or in connection with the Business Purposes, which is not generally available to the public.
- II. Non-disclosure Obligations. The Receiving Party promises and agrees to receive and hold the Confidential Information in confidence. Without limiting the generality of the foregoing, the Receiving Party further promises and agrees:
  - A. to protect and safeguard the Confidential Information against unauthorized use, publication or disclosure;
  - B. not to use any of the Confidential Information except for the Business Purposes. C. not to, directly or indirectly, in any way, reveal, report, publish, disclose, transfer or otherwise use any of the Confidential Information except as specifically authorized by the Disclosing Party in accordance with this Non-Disclosure Agreement.
  - C. not to use any Confidential Information to unfairly compete or obtain unfair advantage vis-a-vis Disclosing Party in any commercial activity which may be Comparable to the

commercial activity contemplated by the parties in connection with the Business Purposes.

- D. to restrict access to the Confidential Information to those of its officers, directors, and employees who clearly need such access to carry out the Business Purposes.
- E. to advise each of the persons to whom it provides access to any of the Confidential Information, that such persons are strictly prohibited from making any use, publishing or otherwise disclosing to others, or permitting others to use for their benefit or to the detriment of the Disclosing Party, any of the Confidential Information, and, upon Request of the Disclosing Party, to provide the Disclosing Party with a copy of a written agreement to that effect signed by such persons.
- F. to comply with any other reasonable security measures requested in writing by the Disclosing Party.
- G. To refrain from directly contacting or communicating by whatsoever means to the Source(s) of Information without written consent of the Disclosing Party.
- H. To undertake not to disclose any names and their particulars to third parties without the written consent by the Disclosing party.

III. Exceptions. The confidentiality obligations hereunder shall not apply to Confidential Information which:

- A. is, or later becomes, public knowledge other than by breach of the provisions of this Agreement; or
- B. is in the possession of the Party with the full right to disclose prior to its receipt from the Disclosing Party, as evidenced by written records; or
- C. is independently received by the Receiving Party from a third party, with no restrictions on disclosure.

IV. Return of Confidential Information. The Receiving Party agrees, upon termination of the Business Purposes or upon the written request of the other Party, whichever is earlier, to promptly deliver to the other Party all records, notes, and other written, printed, or tangible materials in the possession of the Receiving Party, embodying or pertaining to the Confidential Information.

V. No Right to Confidential Information.

- A. The Receiving Party hereby agrees and acknowledges that no license, either express or implied, is hereby granted to the Receiving Party by the other Party to use any of the Confidential Information.
  - B. The Receiving Party further agrees that all inventions, improvements, copyrightable works and designs relating to machines, methods, compositions, or products of the other Party directly resulting from or relating to the Confidential Information and the right to market, use, license and franchise the Confidential Information or the ideas, concepts, methods or practices embodied therein shall be the exclusive property of the other Party, and the Receiving Party has no right or title thereto.
- VI. No Warranty. The Disclosing Party has not made and will not make any representation or warranty as to the accuracy or completeness of its Confidential Information or of any other information provided to the Receiving Party, and the Receiving Party agrees that the Disclosing Party shall have no liability resulting from the use of the Confidential Information or such other information.
- VII. No Commitment. The disclosure of Confidential Information does not, and is not intended to, represent a commitment by the Disclosing Party to enter into any business relationship with the Receiving Party or with any other entity. If the Parties desire to pursue business opportunities, they will execute a separate written agreement to govern such business relationship.
- VIII. Compelled Disclosure. If the Party faces legal action to disclose Confidential Information received under this Agreement, then the Party shall promptly notify the other Party in order that it may have the opportunity to intercede and contest such disclosure and, upon request, shall cooperate with the other Party in contesting such a disclosure. Except in connection with failure to discharge the responsibilities set forth in the preceding sentence, neither Party shall be liable in damages for any disclosures pursuant to such legal action.
- IX. Losses. The Receiving Party agrees to indemnify the other Party against any and all losses, damages, claims, or expenses incurred or suffered by the other Party as a result of the Receiving Party's breach of this Agreement.
- X. Communication: The two parties agree that the communication between the parties is considered delivered and reached other party if transmitted by fax or electronic means with proof of sending machine. The date of receiving the messages, notices or letters is the date of sending authenticated by the sending machine. All notices under this Agreement shall be deemed to have been duly given upon the mailing of the notice, post-paid to the addresses listed above, or upon the facsimile transmission, to the party entitled to such notice at the facsimile number set forth below.

- XI. Counterparts. Either the original or copies, including facsimile transmissions, of this Agreement, may be executed in counterparts, each of which shall be an original as against any party whose signature appears on such counterpart and all of which together shall constitute one and the same instrument.
- XII. No Solicitation of Employees. The Receiving Party agrees that it will not, for a period of five (5) years from the date of this Agreement, initiate contact with the other Party's employees in order to solicit, entice or induce any employee of the other Party to terminate an employment relationship with the other Party to accept employment with the Receiving Party.
- XIII. Term and Termination. This Agreement shall commence on the date first written above. The Receiving Party's right to use the Confidential Information in connection with the Business Purposes shall continue in effect until the period of one year from the date above or the other Party provides the Receiving Party with written notice of termination of such right, whichever is earlier. Notwithstanding the foregoing, the Receiving Party's obligations with respect to the Confidential Information hereunder shall continue in full force for at least five years from the termination date and/or effect until further notice from the other Party.
- XIV. Remedies. The Receiving Party understands and acknowledges that any disclosure or misappropriation of any of the Confidential Information in violation of this Agreement may cause the Disclosing Party irreparable harm, the amount of which may be difficult to ascertain and, therefore, agrees that the Disclosing Party shall have the right to apply to a court of competent jurisdiction for an order restraining any such further disclosure or misappropriation and for such other relief as the Disclosing Party shall deem appropriate. Such right of the Disclosing Party shall be in addition to Remedies otherwise available to the Disclosing Party at law or in equity.
- XV. Entire Agreement. This Agreement embodies the entire understanding between the parties respecting the subject matter of this Agreement and supersedes any and all prior negotiations, correspondence, understandings and agreements between the parties respecting the subject matter of this Agreement. This Agreement shall not be modified except by a writing duly executed on behalf of the party against whom such modification is sought to be enforced. Should any provisions of this Agreement be found unenforceable, the remainder shall still be in effect.
- XVI. No Waiver. The failure of either Party to require performance by the other Party of any provision of this Agreement shall in no way effect the full right to require such performance at any time thereafter.
- XVII. Successors and Assigns. Neither shall any Party have any right to assign its rights under this Agreement, whether expressly or by operation of law, without the written consent of the other Party. This Agreement and the Party's obligations hereunder shall be binding on

their Representatives, permitted assigns, and successors of the Parties and shall ensure to the benefit of Representatives, assigns and successors of the Parties.

- XVIII. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of India and the Party's country laws on equal force. If there is any conflict of laws, the law of India shall prevail.
- XIX. Attorneys' Fees. If any action at law or in equity is brought to enforce or interpret the provisions of this Agreement, the prevailing party in such action shall be entitled to attorneys' fees.
- XX. Modification: This Agreement constitutes the sole understanding of the parties about this subject matter and may not be amended or modified except in writing signed by each of the parties to the Agreement.
- XXI. Legal Address of the Parties:

Party A:

Party B:

**APPROPRIATING SPACES**

### Appendix to Tender

1.	Name of Client	:	National Industrial Corridor Development Corporation Limited
2.	Name of Work	:	Interiors and Fit-out Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Based on BOQ.
3.	Type of Tender	:	Single percentage rate open e-tender
4.	Estimated Cost of Works	:	Rs. 4,85,06,450.09/- (INR Four Crore Eighty Five Lakh Six Thousand Four Hundred Fifty & Paise Zero Nine Only) inclusive of all applicable taxes
5.	BID Security (EMD)	:	Rs. 10,00,000.00 /- (The bid security may be accepted in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks or payment online in an acceptable form, safeguarding the purchaser's interest in all respects.)
6.	Bid Processing Fee	:	Rs. 50,000/- (Plus GST @18%) i.e. {Rs. 59,000/-}
7.	Completion Period from the date of award	:	45 (Forty Five) days
8.	Date of uploading RFQ cum RFP	:	25.04.2025
9.	Pre-bid Meeting	:	29.04.2025 (1100 Hrs)
10.	Bid Due Date	:	09.05.2025 (1500 Hrs)
11.	Physical Submission of Tender Documents/ Power of Attorney etc.	:	09.05.2025 (1500 Hrs)
12.	Validity of bids	:	180 days from Bid due date
13.	Commencement of Work	:	The Commencement of Work shall be reckoned from 1 day after the date of issue of letter of Award.
14.	Schedule of Rates applicable	:	DSR 2023 for Civil & Plumbing DSR 2022 for Electrical & fire fighting DSR 2019 for HVAC NSR: Non Schedule rate
15.	Performance Guarantee	:	5% (Five Percent Only) of contract value within 7 working days from the issue of Letter of Award. (Performance Security may be furnished in the form of Insurance Surety Bond, Account Payee

			Surety Bonds, Demand Draft, Fixed Deposit Receipt from a Commercial bank, Bank Guarantee from a Commercial bank or online payment in an acceptable form safeguarding the purchaser's interest
16.	Additional Performance Guarantee {Valid in case of Abnormally Low Bid (ALB) by the L-1 Bidder. i.e. Winning Quote/Bid is less than 85% of Estimated Cost put to tender.}	:	Full amount equivalent to the difference between the "85% of Estimated Cost put to tender" and "ALB"
17.	Retention Money	:	5% (Five Percent Only) of the gross value of each running/final bill.
18.	Defect Liability Period	:	12 (Twelve) Months from the date of taking over the works by the NICDC or client whichever is later
19.	GST Rate applicable in this Contract	:	Bidders should consider GST rate @18%

ARCHITECT

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Architecture, Interiors, Project Management Consulting  
Ph.- 011-43572032    Email: [info@soa.org.in](mailto:info@soa.org.in)

	A	B	D	E	F	BB	BC
1	<div>ValidatePrintHelp</div> <div>Percentage BoQ</div>						
4	Tender Inviting Authority: National Industrial Corridor Development Corporation Limited, New Delhi (NICDC)						
5	Name of Work: Interiors and Fitout Works of New Office Space for NICDC at HT House, KG Marg, New Delhi on Percentage Rate Basis						
6	Contract No:						
8	Name of the Bidder/ Bidding Firm / Company :						
9	<div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )</div>						
11	Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With Taxes in Rs. P	TOTAL AMOUNT In Words
13	1	MASONRY AND PLASTER					
14	1.01	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.					
15	1.02	All works above plinth and upto floor V level					
16	1.03	Concrete of M15 grade with minimum cement content of 240 kg /cum	61.50	cum	9341.80	574520.70	INR Five Lakh Seventy Four Thousand Five Hundred Twenty & Paise Seventy Only
17	1.04	Extra for concrete work in superstructure above floor V level for each four floors or part thereof.	184.50	cum	169.45	31263.53	INR Thirty One Thousand Two Hundred Sixty Three & Paise Fifty Three Only
18	1.05	Providing and laying autoclaved aerated cement blocks masonry with 150mm/230mm/300 mm thick AAC blocks in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	10.50	cum	8333.65	87503.33	INR Eighty Seven Thousand Five Hundred Three & Paise Thirty Three Only
19	1.06	CEMENT PLASTER :- 15 mm cement plaster on the rough side of single or half brick wall of mix.					
20	1.09	1:4 (1 cement : 4 fine sand).	70.00	SQM	399.45	27961.50	INR Twenty Seven Thousand Nine Hundred Sixty One & Paise Fifty Only
21	1.1	12 mm cement plaster of mix					
22	1.11	1:4 (1 cement: 4 coarse sand)	70.00	SQM	357.35	25014.50	INR Twenty Five Thousand Fourteen & Paise Fifty Only

	A	B	D	E	F	BB	BC
23	1.12	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	0.50	cum	11505.50	<b>5752.75</b>	INR Five Thousand Seven Hundred Fifty Two & Paise Seventy Five Only
24	1.13	Centering and shuttering including strutting, propping etc. and removal of form for :					
25	1.14	Lintels, beams, plinth beams, girders, bressumers and cantilevers	20.00	SQM	736.40	<b>14728.00</b>	INR Fourteen Thousand Seven Hundred Twenty Eight & Paise Zero Only
26	1.15	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					
27	1.16	Hot rolled deformed bars	80.00	kg	107.85	<b>8628.00</b>	INR Eight Thousand Six Hundred Twenty Eight & Paise Zero Only
28	1.17	POP PUNNING (12mm-15mm) : Providing and fixing Average 12mm to 15mm thick POP Punning over cement plaster in line & plumb finished smooth to receive paint. (Internal surfaces of walls).	120.00	SQM	344.00	<b>41280.00</b>	INR Forty One Thousand Two Hundred Eighty & Paise Zero Only
29	1.18	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg /sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/ sqm mixed with water proofing cement compound @ 0.126 kg/ sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	30.00	SQM	617.05	<b>18511.50</b>	INR Eighteen Thousand Five Hundred Eleven & Paise Fifty Only
30	1.19	AAC BLOCK FILLING: Providing and Laying of AAC Block Filling in the Slab Sunk or Raised Areas as a Back fill or platform. Laying should be done in layers with pounding done at every level to ensure a proper cavity free installation without disturbing any existing services in the area. Cost to also include haunching for plumbing pipes.	9.00	cum	5721.00	<b>51489.00</b>	INR Fifty One Thousand Four Hundred Eighty Nine & Paise Zero Only
31	2	<b>PAVING AND WET WORKS</b>					
32	2.01	TILE DADO :- Providing and fixing vitrified wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours of any size 1200mm x 600mm or as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	110.00	SQM	1562.00	<b>171820.00</b>	INR One Lakh Seventy One Thousand Eight Hundred Twenty & Paise Zero Only
33	2.02	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm 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. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.					
34	2.03	Glazed vitrified floor tiles polished finish of size					

	A	B	D	E	F	BB	BC
35	2.04	Size of Tile 600 x 1200 mm	615.00	SQM	1798.80	<b>1106262.00</b>	INR Eleven Lakh Six Thousand Two Hundred Sixty Two & Paise Zero Only
36	2.05	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.					
37	2.06	Size of Tile 600 x 1200 mm	40.00	SQM	2800.00	<b>112000.00</b>	INR One Lakh Twelve Thousand & Paise Zero Only
38	2.07	CERAMIC TILE FLOORING :- Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete.	35.00	SQM	1439.40	<b>50379.00</b>	INR Fifty Thousand Three Hundred Seventy Nine & Paise Zero Only
39	2.08	Grouting the joints of flooring tiles having joints of upto 5 mm width, 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.					
40	2.09	Size of Tile 600 x 1200 mm	615.00	SQM	239.00	<b>146985.00</b>	INR One Lakh Forty Six Thousand Nine Hundred Eighty Five & Paise Zero Only
41	2.1	Providing and fixing removable raised/false access flooring with system and its components of approved make for different plenum height with possible height adjustment upto 50 mm, comprising of modular load bearing floor panels supported on G.I. rectangular stinger framework and G.I. Pedestal etc. all complete, as per the architectural drawings, as specified and as directed by Engineer-in-charge consisting of:					
42	2.11	(a) Providing at required spacing to form modular framework, pedestals made out of GI tube of thickness minimum 2 mm and 25 mm outer diameter, fully welded on to the G.I. Base plate of size 100mm x 100mm x 3mm at the bottom of the pedestal tube, G.I. pedestal head of size 75mmx75mmx3.5 mm welded with GI fully threaded stud 16mm outer diameter with two GI Check nuts screwed on the stud for level adjustment upto 50mm, locking and stabilizing the pedestal head in position at the required level. The pedestals shall be fixed to the subfloor (base) through base plate using epoxy based adhesive of approved make or the machine screw with rawl plug.					
43	2.12	(b) Stringers system in all steel construction hot dipped galvanized of rectangular size 570x20x30x0.80mm thick having holes at both ends for securing the stringers on to the pedestal head using fully threaded screws ensuring maximum lateral stability in all directions, the grid formed by the pedestal and stringer assembly shall receive the floor panel, this system shall provide adequate solid, rigid support for access floor panel, the system shall provide a minimum clear uninterrupted clearance between the bottom of the floor for electrical conduits and wiring etc. all complete as per the architectural drawings, as specified and as directed by the Engineer-in-charge					

	A	B	D	E	F	BB	BC
44	2.13	(c) Providing and fixing Access Floor panel of 600x600x32 mm medium grade Filled Steel anti static high pressure Lamination of 800H grade (FS800H). Access Floor panel shall be steel welded construction with an enclosed bottom pan with uniform pattern of 64 hemispherical cones. The top and bottom plates of Steel Gauges: top 0.6 mm and bottom 0.7 mm fused spot welded together (minimum 64 welds in each dome and 20 welds along each flange). The panel should be Corroresist epoxy coated for lifetime rust protection and cavity formed by the top and bottom plate is filled with Pyrogrip noncombustible Portland cementitious core mixed with lightweight foaming compound. The access floor shall be factory finished with Anti-static High Pressure laminate with Non Warp technology upto 1mm thickness for superior adhesion and Surface flatness within 0.75mm.The panel is to withstand a Concentrated Load of 363 kgs applied on area 25mm x 25mm without collapse in the centre of the panel which is placed on four steel blocks. The panel will withstand and Uniformly Distributed Load (UDL) minimum 1250 kg/sqm and an impact load of 50kg all complete as per the approved manufacturers specification and as per the direction of Engineer-in-charge. All specification must be printed on the side of the panel to ensure the quality of the product.					
45	2.14	300 mm Finished Floor Height (FFH)	18.00	SQM	5623.95	<b>101231.10</b>	INR One Lakh One Thousand Two Hundred Thirty One & Paise Ten Only
46	2.15	KITCHEN/ PANTRY/ HAND WASH COUNTER :- Providing and fixing pantry and toilets with Granite stone top (with straight edge polished nosing) complete with base cabinet made of 20mm BWP board, outside surface (shutters) finished in 1mm thick Laminate of approved shade. All internal surfaces to have balancing laminate. The rate inclusive of necessary hardware, handle lock sets, self closing hinges, spring loaded shutter, latch inside, all cabinet hardware complete as per Architects approval. (BR of stone to be taken as Rs 1600/Sqmt). Width of work top counter 600mm/ detailed drawings.	8.00	RMT	12364.00	<b>98912.00</b>	INR Ninety Eight Thousand Nine Hundred Twelve & Paise Zero Only
47	2.16	Supply of modular carpet of approved model and shade and made with 100% nylon 6/6.6 tufted textured tiles of minimum 500mm x 500mm in size, stain resistant, anti microbial, and having colour fastness to water, fastness to light, rubbing fastness and castor chair suitability as per relevant standard for heavy commercial usage, with 100% PVC free Backing with having average density 6000 oz/cu. yd. or more,Nominal total thickness of 5.9mm, and Pile weight – 16-18 oz/ sq yard. Material shall be CRI GREEN LABEL PLUS certified, and shall have recycled content complying to GRIHA requirement, including fixing with GRIHA compliant adhesive of approved make, minimum 15 years manufacturer's warrantee, all complete as per drawings, manufacturer's specifications and direction of Engineer in Charge	50.00	SQM	2113.00	<b>105650.00</b>	INR One Lakh Five Thousand Six Hundred Fifty & Paise Zero Only

	A	B	D	E	F	BB	BC
48	2.17	Providing and Fixing of 15mm thick Engineered Wooden Flooring with plank width of 135/185mm and length of 1800/2100mm and top layer up to 3mm in approved finish. Surface of Top layer shall be pre finished with several layer of UV hardened Acrylic lacquer. The product shall be Free from Formaldehyde and solvents. Flooring plank shall be interlocked using Plank locking system in a glue less floating manner. Engineered wood planks shall be a composition of 3 layer of Pine wood with direction of each layer oriented at right angle to the adjacent layer of natural strain in Lacquer and Beveled in length and width as specified by the manufacturer-in-charge. Product shall be MAKE IN INDIA. The cost to include providing and fixing of all accessories i.e Skirting, beading, profile etc. and Underlay 2mm PE foam and polythene combo with 40 Micron complete as required.	120.00	SQM	6910.00	829200.00	INR Eight Lakh Twenty Nine Thousand Two Hundred & Paise Zero Only
49	3	<b>PARTITIONS AND WALL CLADDING</b>					
50	3.01	GYPSUM PARTITIONING:- Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre.					
51	3.02	The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.					
52	3.03	75 mm overall thickness partition with 12.5 mm thick double skin fire rated Glass Reinforced Gypsum (GRG) plaster board conforming to IS: 2095:	5.00	SQM	2131.10	10655.50	INR Ten Thousand Six Hundred Fifty Five & Paise Fifty Only

	A	B	D	E	F	BB	BC
53	3.04	Gypsum Panelling:-Providing and fixing, in position concealed G.I. section for wall paneling using board of required thickness fixed on the 'W' profile (0.55 mm thick ) having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm, placed @ 610 mm C/C in perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm. Perimeter channel is fixed on the floor and the ceiling with the nylon sleeves @ 610 mm C/C with fully threaded self-tapping dry wall screws. Board is fixed to the 'W' profile with 25 mm countersunk ribbed head screws @ 200 mm C/C., all complete as per the drawing & directions of engineer-incharge, the joints of the boards are finished with specially formulated jointing compound and 48 mm wide jointing tape to provide seamless finish.					
54	3.05	Gypsum board conforming to IS: 2095 Part - I					
55	3.06	12.5 mm thick	5.00	SQM	1308.85	<b>6544.25</b>	INR Six Thousand Five Hundred Forty Four & Paise Twenty Five Only
56	3.07	GLASS PARTITIONING:- Providing & Fixing Full Height Glass partition using 12mm Thk. Glass with anodised Aluminium frame fixing glass with snap on option consisting of top, bottom and side frame measuring 40-46mm x 18mm-26mm complete with glazing rubber as per manufacturer's specifications and instructions of Engineer- in-charge. Rate include supply & Installation of 12 mm thk toughened glass with double sided adhesive tapes for glass to glass butt joints. Partition system from FFL to False Ceiling level, inclusive of cost of support required for fixing in the ceiling. The frame to be powder coated in desired shade as per the instructions of the Architect.	60.48	SQM	6016.00	<b>363847.68</b>	INR Three Lakh Sixty Three Thousand Eight Hundred Forty Seven & Paise Sixty Eight Only
57	3.08	PARTITIONING - Partition using 12mm thick fire rated plywood fixed on both sides on aluminium Studs Frame 50mm x 50mm x 1.5mm as per approved sample and architectural drawings placing the same 600mm (min) c/c in both directions . Aluminium frame to be fixed to floor and RCC Ceiling using fastners. The cost to include finishing visible edges with 12mm thick mdf strip as per detail drawings.	342.00	SQM	4409.00	<b>1507878.00</b>	INR Fifteen Lakh Seven Thousand Eight Hundred Seventy Eight & Paise Zero Only
58	3.09	PANELLING- Panelling using 12mm thick fire rated plywood fixed on one side on Aluminium Frame 50mm x 25mm x 1.5mm as per approved sample and architectural drawings placing the same 600mm(min) c/c in both directions. Aluminium frame to be fixed to walls, floor and RCC Ceiling using fastners.	395.28	SQM	2620.00	<b>1035633.60</b>	INR Ten Lakh Thirty Five Thousand Six Hundred Thirty Three & Paise Sixty Only
59	3.1	Cladding using 12mm thick fire rated plywood on existing frame/ surface.	20.00	SQM	1676.02	<b>33520.40</b>	INR Thirty Three Thousand Five Hundred Twenty & Paise Forty Only
60	3.11	VEENER CLADDING- Providing and Fixing 4.0 mm thick decorative/ Natural Veneer of approved design and shade, cladded on to existing base. (base rate Rs. 1450/- sqm)	120.00	SQM	2556.00	<b>306720.00</b>	INR Three Lakh Six Thousand Seven Hundred Twenty & Paise Zero Only

	A	B	D	E	F	BB	BC
61	3.12	Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed below: 1. The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 nos. 2. Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs. 4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.)	120.00	SQM	3049.85	<b>365982.00</b>	INR Three Lakh Sixty Five Thousand Nine Hundred Eighty Two & Paise Zero Only
62	3.13	LAMINATE CLADDING- P/F 1mm thick laminate including 4 mm thick MDF, on an existing Plywood surface.	539.57	SQM	1284.00	<b>692807.88</b>	INR Six Lakh Ninety Two Thousand Eight Hundred Seven & Paise Eighty Eight Only
63	3.14	Providing and fixing of 1.25mm/1.50 thick laminates (as per IS:2046-1995, DIN EN 438, NEMA LD3-2005 quality standard), made out of urea free thermosetting resign treated Kraft as core material and design paper as a finish surface. water boiling test reflect the water immersion through permissible increase on thickness and mass <0.60% , Laminated should accomplish Antibacterial properties ( under JIS Z2801:2000, manufactured under EN438-2&3:2005 standard). The item to include proving and fixing of base of 4mm thick MDF with/without grooves as per approved design.	359.71	SQM	1800.00	<b>647478.00</b>	INR Six Lakh Forty Seven Thousand Four Hundred Seventy Eight & Paise Zero Only
64	3.15	INSULATION- Providing and fixing thermal insulation with Resin Bonded rock wool conforming to IS: 8183, having density 48 kg/m3, 50 mm thick, wrapped in 200 G Virgin Polythene Bags fixed to wall with screw, rawel plug & washers and held in position by criss crossing GI wire etc. complete as per directions of Engineer-in-Charge.	342.00	SQM	322.50	<b>110295.00</b>	INR One Lakh Ten Thousand Two Hundred Ninety Five & Paise Zero Only

	A	B	D	E	F	BB	BC
65	3.16	<p>Providing and Fixing of Channeled Woodworks perforated panels Custom Perforated of width 192mm, thickness of 17mm and length 2440 mm , made of a HDHMR FR Grade board with minimum 860 Kg/M3 density substrate with a laminated facing as per the approved shade &amp; finish (Khaya Mahagony/Fusion Mapple/ Bavarian Beech) and a melamine balancing layer on the reverse side. The boards shall have a special perforation pattern of 3mm width Custom Perforaton of visible panel each. 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 having NRC of 0.60. The panels shall be mounted on special aluminium splines (keel) using clips provided by manufacturer.</p> <p>INSTALLATION: Screw the aluminium extruded keel for channelled woodworks provided by manufacturer over the solid wall/ surface an on-centre distance of 600mm. Place the inside clip on the groove end of the panel along the Al keel and then place the tongue end of the next panel. Continue installing rows of panels by inserting the tongue into the groove of the earlier inserted panel and progressively installing inside clips into the next keel till the actual height is achieved. Installation to be carried out by Trained Installation team &amp; Installation should be carried out as per manufacturer recommended procedure.</p>	40.00	SQM	4518.00	180720.00	INR One Lakh Eighty Thousand Seven Hundred Twenty & Paise Zero Only
66	3.17	<p>Supply and installation of VMT Fabric Fluted 12mm PET panels which shall be processed with VMT technology for surface customised colour options with fabric pattern/ or as approved as per the designers requirement, the panel shall be made from -100% polyester fiber, with up to 70% recycled Fiber. size of panel 2800mm x 1200mm (± 0.5mm). Panel Should be mostiure resistant and also Non-toxic, non-irritant, and fire-resistant complying with safety standards confirm to Class 1 Fire Ratings tested as per BS 476 Part 6 (Fire Propagation) &amp; Part 7 (Surface spread of flame) ,ASTM E 84 CLASS A, EN 13501 PART 1C,2S for interior applications. Noise reduction coefficient (NRC) - 0.3 with direct fix method, 0.85 with 25 mm gap with infill, 0.95 with 50 mm gap with PET WOOL infill. The product should be 100% make in india and OEM must have ISO CERTIFICATIONS- complying to- IGBC Membership ISO 14184-2 (Release formaldehyde) ISO 9001 (Quality Mangement System) ISO 14001 (Environmental Management System) ISO 45001 (Ocupational helth &amp; safety management system) The cost to include advesive and/or any other accessory required for fixing complete as per instructions of engineer - in -chage</p>	20.00	SQM	5172.00	103440.00	INR One Lakh Three Thousand Four Hundred Forty & Paise Zero Only
67	3.18	<p>SHELVES:- Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately).</p>					
68	3.19	25 mm thick	5.00	SQM	1715.20	8576.00	INR Eight Thousand Five Hundred Seventy Six & Paise Zero Only

	A	B	D	E	F	BB	BC
69	3.2	SHUTTERS:- Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS:12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge	5.00	SQM	2307.35	11536.75	INR Eleven Thousand Five Hundred Thirty Six & Paise Seventy Five Only
70	3.21	LAMINATED STORAGE CABINET FOR GENERAL STORAGE- Out of 19mm Commercial Ply Board finished using 1mm thick laminate. The storage shall be complete with all hinges, drawer glides and hardware from approved make. All internal surfaces to be completed using balancing laminate. Including brass D-type handles for shutters and recessed type handles for drawers. Storage to be of all heights as per design. Storage shutters to be made in solid laminate/ glass as per design and drawings.	3.00	SQM	12321.00	36963.00	INR Thirty Six Thousand Nine Hundred Sixty Three & Paise Zero Only
71	3.22	veneer STORAGE CABINET FOR GENERAL STORAGE- Out of 19mm Commercial Ply Board finished using 4mm thick veneer and polished in melamine to match the veneer cladding item. The venner to be same as the venner cladding under separate sub- head above complete with all hinges, drawer glides and hardware from Hettich or equivalent. All internal surfaces to be completed using balancing laminate. Including brass D-type handles for shutters and recessed type handles for drawers. Storage to be of all heights as per design. Storage shutters to be made in solid veneer/ glass as per design and drawings. (Base Rate of veneer -Rs. 1450/- sqm)	5.00	SQM	15985.00	79925.00	INR Seventy Nine Thousand Nine Hundred Twenty Five & Paise Zero Only
72	3.23	STORAGE CABINET FOR ELECTRICAL PANEL AND VOLTAGE STABLIZERS- Cabinet Shutters out of 19mm Commercial Plybaord finished in 1mm Laminate. Shutters to be fixed to a frame. Rigidly fixed on both sides and top finshed in laminate. No internal carcass required. All Hinges of hettich or equivalent. Internal Surface of the shutter in balancing white laminate. All shutters to be provided with Stainless steel louvers at the top and bottom of the shutter as per the site requirements and instrction of the Engineer In charge.	3.00	SQM	6819.00	20457.00	INR Twenty Thousand Four Hundred Fifty Seven & Paise Zero Only
73	4	<b>CEILING</b>					
74	4.01	GYPBOARD CEILING :- Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long.					

	A	B	D	E	F	BB	BC
75	4.02	Including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :					
76	4.03	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I	438.00	SQM	1355.80	<b>593840.40</b>	INR Five Lakh Ninety Three Thousand Eight Hundred Forty & Paise Forty Only
77	4.04	Providing and fixing suspended Stratopanel, Size 1200X2500X12.5mm round random perforation G8/15/20 with 9.9% perforation, NRC upto 0.55 : Round rectangular perforation of glass-fibre reinforced gypsum material, which includes providing and fixing GI perimeter channels of size 0.55 mm. Thk. having one flange of 20 mm and another flange of 30 mm and web of 27 mm along the perimeter of the ceiling, screw fixed to brick wall/ partition with help of nylon sleeves and screws, at 610 mm centers. The suspended GI intermediate channels of size 45 mm,0.9mm thk with two flanges of 15 mm each from the soffit at 900 mm centers with ceiling angle of width 25mm x 10mm x 0.55mm thk fixed to soffit with GI cleat and steel expansion fasteners. Ceiling section of 0.55 mm thk having web of 51.5mm & two flanges of 26mm each with lips of 10.5mm are fixed to the intermediate channels with help of connecting clips and in direction perpendicular to the intermediate channel with centers of 333 mm perforated gypboard is then screw fixed to ceiling section with 25 mm dry wall screws at 300 mm centers to G.I. framing in perfect level. Screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment. Finally the boards are to be joined and finished so as to have a flush look with uniflot. The false ceiling surfaces shall be prepared to the satisfaction of the EIC	20.00	SQM	4520.00	<b>90400.00</b>	INR Ninety Thousand Four Hundred & Paise Zero Only

	A	B	D	E	F	BB	BC
78	4.05	600MM X 600MM MINERAL FIBRE GRID - Providing & Fixing of Mineral Fibre Ceiling Tiles With 15mm GRID. The tiles should have Humidity Resistance (RH) of 99%, NRC 0.6, Light Reflectance ≥85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Colour White, in module size of 600 x 600 x 16mm. The tile shall be installed with 15*38(web hight) 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 38mm and need to be installed with Suspension system of manufacturer. The Tile & Grid system used together should carry a 10 year warranty. INSTALLATION: The grid should be with 15mm wide T - section flanges color white. The main T runner with length and size of 15X38mm made from .30mm thick sheet spaced at 1200mm Centre to Centre and cross T of size 15X38mm made of .3mm thick of 1200mm long spaced between main T at 600mm center to centre to form a grid of 1200X600mm and second cross T of length 600mm and size 15X38mm made of 0.30mm sheet to be interlocked at middle of the 1200X600 mm panel to form grid of 600X600mm and wall angle of size 19X19 Installation should be carried out as per recommended procedure. The grid frame should be suspended from ceiling using M-6 fastener, L Cleat, 4mm GI wire with Stainless steel level adjustable clip which will be attached to Main Runner at spaced of 1200 c/c	12.00	SQM	4137.00	49644.00	INR Forty Nine Thousand Six Hundred Forty Four & Paise Zero Only
79	4.06	TRAP DOOR :- Providing & fixing Access Panel of size mentioned below having - 1. Outer aluminium frame - thickness : 1.5mm ( plus 0.2mm thick powder coating) Material : ENAW6063. 2. Inner Aluminium frame - thickness: 1.5mm (plus 0.2mm thick powder coating) Material : ENAW6063. 3. Corner fittings, inner frame - material: Hot dipped galvanized steel plate Thickness 2.0mm, with zinc Coating of 200g. 4. Corner fittings, outer frame - material: Hot dipped galvanized steel plate Thickness 2.0mm, with zinc Coating of 200g. 5. 12mm plasterboard ( Knauf Brand) Type: moisture resistant ( MR) in green plasterboard liner. 6. Screw ( self - drilling black phosphate ) - Material: mild steel C1018 - 1022. 7. Sealing strip, width, thickness - width: 9.0mm, thickness: 4.0mm. 8. Snap Lock ( spring catch/ catch lock ) - Type of lock: touch latch, Material of lock: plastic ABS, cold rolled steel Q235. 9. Hinge - Thickness : 4.0mm, Length: 82mm; Material: SS2172 ( cold drawn steel wire ). 10. Powder coating - Color: white, RAL 9010/ or as approved complete as per instructions of engineer-in-charge.					
80	4.07	600x600	2.00	nos	4796.00	9592.00	INR Nine Thousand Five Hundred Ninety Two & Paise Zero Only
81	4.08	CEILING PELMETS :- Providing and fixed pelmet of overall size 150mmx150mm and made hardwood framings hung from ceiling @1000mm centre to centre with 2 nos of 6mm thk. Commercial ply on vertical & 12mm thk. Commercial ply on horizontal surface (straight & curved). Inclusive of finishing in Paint.	90.00	RMT	1022.00	91980.00	INR Ninety One Thousand Nine Hundred Eighty & Paise Zero Only
82	4.09	WOODEN VENEER CEILING :- Providing and fixing wooden veneer ceiling by Fixing Natural Teak Veneer on 12mm Underlay commercial Ply fixed to a subframe made using 50mm X 50mm Kiln seasoned and chmeically treated hollock wood fixed to RCC ceiling using Fastners complete as per the instructions of the Engineer In Charge. (base rate of veneer Rs. 1450/- sqm)	10.00	SQM	5046.00	50460.00	INR Fifty Thousand Four Hundred Sixty & Paise Zero Only
83	4.1	Providing the gypsum double sided cove of 150mm x 150mm having a facia of 75mm to mach the specifications same as gypsum ceiling.	40.00	RMT	725.00	29000.00	INR Twenty Nine Thousand & Paise Zero Only

	A	B	D	E	F	BB	BC
84	4.11	Providing the gypsum single sided cove of 150mm x 150mm having a fascia of 75mm to match the specifications same as gypsum ceiling.	120.00	RMT	429.00	<b>51480.00</b>	INR Fifty One Thousand Four Hundred Eighty & Paise Zero Only
85	4.12	GYPSUM BOARD VERTICAL BAND- upto 100mm high gypsum band all round the mineral fibre/ gypsum ceiling. In order to make the Mineral Fiber/ gypsum ceiling higher than the Gypsum Ceiling by upto 100mm as per drawings. (visible surface of gypsum band to not exceed 100mm) including plastic emulsion paint.	10.00	RMT	367.00	<b>3670.00</b>	INR Three Thousand Six Hundred Seventy & Paise Zero Only
86	4.13	Providing of Baffle ceiling system comprises of 50 mm x 100 mm (50 mm width & 100 mm Height) U Shape panels in wooden finish. Panels shall be made of 0.5 mm thick galvanized steel after Powder-coated and length up to 4000 mm. Panel shall be high corrosion resistance and good color stability. Centre to Centre panel gap will be 100 mm. Panels are fixed on to roll formed carriers 20 mm wide x 40 mm deep out of 0.80 mm G.I sheet Powder-coated color with cutouts to hold the panels in module of 50 mm at maximum 1200 m c/c. Carriers are suspended from the roof or truss by 6 mm dia. galvanized steel wire rod hanger with special height adjustment suspension clip at max. 1200 mm c/c. Hangers are fixed to the roof by 'J' hooks or ceiling brackets and nylon inserts. Panels are factory cut in lengths up to maximum 4.0 m to suit site dimensions or shop drawings. Top cap and side cap are used to cover the edges of the panels.	15.00	SQM	6486.00	<b>97290.00</b>	INR Ninety Seven Thousand Two Hundred Ninety & Paise Zero Only
87	4.14	Providing and fixing of linear cell ceiling made out of Aluminium. The assembled cell ceiling panels shall be in size of 600x1200. The assembled cell ceiling panels shall be made out of main blades in 3mm (W) x 20mm (H) in 1200mm (L), installed at 30mm c.c. and cross connected to secondary blades in 9mm(W) x 22mm (H) in 600mm (L) with 375mm pitch. The assembled cell ceiling panels are then clipped into U-94 carriers in Aluminium, pre-coated in black enamelled finished at 1200mm c.c. Wire clips shall hold the cell ceiling panels into the U-94 carriers. Once the U-94 carriers are installed then primary angles made out of GMS, type U1040 are cross connected to the U-94 carriers at 1200mm c.c. for lateral bracing The whole ceiling shall be suspended by M6 threaded rods installed 100mm c.c. All panel modules must be hingeable through wire clips. Finish of cell ceiling panels shall be as per approved sample. The cost to include all necessary hardware and fixing accessories required complete in all respects.	10.00	SQM	5554.00	<b>55540.00</b>	INR Fifty Five Thousand Five Hundred Forty & Paise Zero Only
88	4.15	PET BAFFLES: Providing and fixing of PET acoustic baffles OF SIZE 40*120*2400MM made from standard 25mm PET panels of size 2440mm x 1220mm. The centre to centre spacing can be in multiple of 25mm. Maximum length of one baffle can be 2440mm and can be increased by joining two or more baffles. The baffles to be installed with help of specially designed U clamps, 25mm x 25mm x 25mm GI carrier powder coated in black. Spacing between two carrier to be 1200mm. The carrier should be supported from true ceiling with help of 4mm threaded rods. The NRC of baffle system to be 0.5.	20.00	SQM	3228.00	<b>64560.00</b>	INR Sixty Four Thousand Five Hundred Sixty & Paise Zero Only
89	5	<b>DOORS/ WINDOWS</b>					

	A	B	D	E	F	BB	BC
90	5.01	35MM THICK VENEER FLUSH DOOR WITH FLOOR SPRING- 35mm thick flush Doors finished using 4mm Thick veneer on both sides panel of size upto 2400mm x 1200mm complete with Hardware including floor spring, Door Closer, dead Lock with inbuilt key, 1200mm D-Handle etc. including cost of teak lipping all around. All surfaces to be finished in melamine polish as per approval. The item to include installation of all kinds of latches as per the requirement.	5.00	nos	42890.01	<b>214450.05</b>	INR Two Lakh Fourteen Thousand Four Hundred Fifty & Paise Zero Five Only
91	5.02	STILE DOOR - Providing & Fixing of Stile Door System having size of 75*45 with Door Frame formed out of 45* 40mm / 50*50mm of 6063-T6 Virgin grade duly Anodized Aluminium, including 10 mm Toughened Glass. The cost to include hardware like Door Closure, 4nos Hinges, Lever Handle with mortice lock, Door Seal & Gaskets etc. in approved shade and design as per architectural drawings and instructions of the architect. The size of door shall be upto 1050mm X 2400mm.	14.00	nos	66851.37	<b>935919.18</b>	INR Nine Lakh Thirty Five Thousand Nine Hundred Nineteen & Paise Eighteen Only
92	5.03	DOOR FRAMES- 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).					
93	5.04	Second class teak wood	0.60	cum	142949.70	<b>85769.82</b>	INR Eighty Five Thousand Seven Hundred Sixty Nine & Paise Eighty Two Only
94	5.05	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	60.00	EACH	228.85	<b>13731.00</b>	INR Thirteen Thousand Seven Hundred Thirty One & Paise Zero Only
95	5.06	LAMINATED FLUSH DOOR- Flush Doors finished using 1mm Thick Laminate on both sides panel of size upto 2400mm x 1000mm complete with Hardware including hinges, Door Closer, Mortice Lock with Handle, latches etc. including cost of Door frame with melamine/ duco finish. The cost to include providing and fixing of vision panel as per design.	10.00	nos	22813.72	<b>228137.20</b>	INR Two Lakh Twenty Eight Thousand One Hundred Thirty Seven & Paise Twenty Only
96	5.07	DOOR STOPPER:- Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	48.00	EACH	121.65	<b>5839.20</b>	INR Five Thousand Eight Hundred Thirty Nine & Paise Twenty Only
97	5.08	FIRE DOOR- Providing and fixing single leaf 120min Rated Fire Door of size 1050x2400. with vision panel using wired glass complete with Fire proof door frame. One side to be finished in fire retardant paint and one side to be finished in Laminate of approved shade. All Frame to be finished in fire retardant paint. All hinges and hardware to be thermatically sealed and 120 mins fire rated.	1.00	EACH	30181.83	<b>30181.83</b>	INR Thirty Thousand One Hundred Eighty One & Paise Eighty Three Only
98	6	<b>FINISHES &amp; MISCELLANEOUS</b>					
99	6.01	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :					
100	6.02	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	578.00	SQM	193.70	<b>111958.60</b>	INR One Lakh Eleven Thousand Nine Hundred Fifty Eight & Paise Sixty Only
101	6.03	Steel work welded in built up sections / framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.					
102	6.04	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	15.00	kg	172.60	<b>2589.00</b>	INR Two Thousand Five Hundred Eighty Nine & Paise Zero Only
103	6.05	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:					
104	6.06	Two or more coats on new work	30.00	SQM	155.90	<b>4677.00</b>	INR Four Thousand Six Hundred Seventy Seven & Paise Zero Only

	A	B	D	E	F	BB	BC
105	6.07	Providing & fixing decorative Poly décor fabric Wall Paper (on walls and ceiling) of weight 475 g /sqm as per approved shade & design including prepration of surface with 2 coats of Nubin Glue based epoxy quote.	10.00	SQM	4518.00	<b>45180.00</b>	INR Forty Five Thousand One Hundred Eighty & Paise Zero Only
106	6.08	ZEBRA BLINDS -Providing & fixing of Twist Window Shadings Blinds as per the sample shown having room darkening fabric strip and sheer fabric strips alternately in such arrangement as when light filering strips overlap each other, it creates visibilty and once the light filtering strips overlaps the sheer ones, it creates the no visibility effect.It has bottom rail made of aluminium alloy extruded profile, powder coated and provided in fabric coordinated colour. The rolling tube should be made up of aluminium alloy from extruded profile of Ø34mm. The fabric of this Blind should be made up of 100% anti-static polyester vanes having light filtering and sheer vanes to reduce glare. Sheer layers made of white 100% knit polyester & the selection of colors, textures and opacities as per Engineer-in-charge. The FABRIC shall be constructed from spun-bonded 100% polyester fiber, having Green guard Certification treated with soil & dust repellant require minimum regular interval cleaning. The fabric has a maximum width of 2.80 M and a thickness of 0.38mm (+ 5%) and having weight of 272g/m2 (+ 5%).The strip size is Solid 8.5 cm / Sheer 6 cm. The shading to be operated by Easy rise mechanism with a continuous cord loop operating option. All plastic parts are in white color. Installation to be done by quick release brackets (wall or ceiling).	15.00	SQM	8673.00	<b>130095.00</b>	INR One Lakh Thirty Thousand Ninety Five & Paise Zero Only
107	6.09	ROLLER BLINDS - Providing & supplying of Window Blinds as per the approved sample in required shade and style consisting, of Roller Blinds comprising of optima screen Fabric comprising of 22% polyester, 78% PVC, Fabric weight 460-480G weight per sqm, Thickness 0.67 mm, Yarn count 18-19/cm, having fire resistance standard – NFPA 701-89 small testing ISO-5659-2. The tear resistance should be complying to ISO4674 & breaking resistance – ISO 5081. The DRIVE UNIT shall be of clutch for quick, easy and safe installation, molded plastic with steel spring support and inserted into the tube end. It shall be driven by a ball chain pulley with ball chain and can be positioned at right side 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 a built-in friction lock. Universal clutch for left- and right-hand operation. Chain Gear Ratio of 1.75:1. The END PLUG shall be molded of plastic with a steel location pin. The plug shall be inserted into the tube end. (Opposite to the Drive Unit) for ease of installation. The SUPPORT BRACKETS shall be of coated steel & provided with covers and used in right hand or left-hand positions differentiated by the acceptance of the of the rectangular drive unit support or the round idler plug pin. Can be installed (a) On Face (b) Ceiling Mount (c) On Frame (d) in Recess. The Bracket should be protruding outside maximum of 80mm.The ROLLER TUBE shall be of extruded aluminium with 37mm internal diameter & skin thickness of 1mm and shall incorporate a keyway integral with the tube to accommodate the spline. The BOTTOM RAIL shall be a Flat Bottom made up of powder coated	120.00	SQM	3242.00	<b>389040.00</b>	INR Three Lakh Eighty Nine Thousand Forty & Paise Zero Only

	A	B	D	E	F	BB	BC
108	6.1	Reception Table:-Providing & Installation of Reception table of of size upto 2.1m x 0.75m x 0.75m/ 1.2m (ht), made out of 19mm thk. Commercial Board finished in Acrylic Solid Surface of approved shade and colors complete as per design. One (1) number Drawer pedestal with 3 lockable drawers and channels (all hardware from Hettich) to be provided under the table to be finished in Solid Acrylic surface. All visible surfaces to be finished using Acrylic solid surface as per details.	1.00	nos	144045.00	<b>144045.00</b>	INR One Lakh Forty Four Thousand Forty Five & Paise Zero Only
109	6.11	Preparation of complete set of drawings including finishing, details, etc. and any other details as and when desired by Engineer In charge /client. A qualified professsional for the purpose shall be appointed after due approval from Engineer In Charge.	1.00	LS	483850.99	<b>483850.99</b>	INR Four Lakh Eighty Three Thousand Eight Hundred Fifty & Paise Ninety Nine Only
110	6.12	FROSTEDFILM(CRYSTALQUALITY):-Providing and fixing scotchcal over glass surface with 15 yrs MCS warranty as approval of the Architect. (Only film surface area shall be measured and paid).	40.00	SQM	2133.00	<b>85320.00</b>	INR Eighty Five Thousand Three Hundred Twenty & Paise Zero Only
111	6.13	Providing and fixing of 4,6 mm thick annealed GRIHA rated lacquered glass manufactured industrially by curtain coating process with PU lacquer (50 micron thick), opaque (if viewed against a support wall) conforming to EN 16477 standards for back painted glass , of approved color by Architect/ Client fixed with compatible Silicone having Shear Bond Strength (Dry, 24 hours), greater than 450 kpa and tack free time of 10 to 30 mins compatible for installation of mirror and lacquered glass / Foam based double sided adhesive tape for instantaneous adhesion, compatible with mirror and lacquered glass having Shear bond strength (Dry, 15 mins) of 250 to 350 kpa) on a perfectly leveled 12mm thick water proof marine plywood / MDF / Mineral fibre board which is mounted on the RCC wall/any other structure. The contractor should submit test reports for backpainted glass from manufacturer - High humidity Resistance (conforms to BS EN 1036 1999); Color fastness ISO 105B02 standard & Mechanical Resistance ISO 7784 ( Taber Abrasion test ) ISO 2409 ( Cross Hatch Test ) standard The manufactured backpainted glass should be environmentally friendly (no lead, no arsenic, no copper, noformaldehyde); appropriate recycled content (12% post industrial / 6% post consumer); compressive strenght (1000 MPa) & tensile strenght (40 MPa),same as float glass	20.00	SQM	4600.00	<b>92000.00</b>	INR Ninety Two Thousand & Paise Zero Only
112	6.14	Painting of walls, ceiling, RCC works, HVAC ducting, grills diffusers, conduits etc. with 2 or more coat of duco paint to achive smooth finish. The item to include cost of all base preparation, priming etc. complete.	720.00	SQM	1400.00	<b>1008000.00</b>	INR Ten Lakh Eight Thousand & Paise Zero Only
113	6.15	Providing & fixing 12mm Thick. 100% Acrylic solid surface of approved make and colour using approved Adhesive to 12 mm thk. Waterproof Plywood of approved brand as per shape, pattern & details given in the drawing. The rate includes providing & fixing beading, cutting, scaffolding, nails, all materials, labour, lead, lifts, HOM etc., complete.- for Lift Cladding. (The make, Shade, pattern etc., to be approved by EIC).	5.00	SQM	14724.00	<b>73620.00</b>	INR Seventy Three Thousand Six Hundred Twenty & Paise Zero Only
114	7	<b>IPPBX &amp; DISPLAY</b>					

	A	B	D	E	F	BB	BC
115	7.01	Supply, Installation, Testing & Commissioning of Server based Communication System with all the required Software licenses and Hardware - IP-PBX/IP Telephony Communications Server: The IP Telephony Solution shall support the following Services - Voice, IM, Presence and Audio Conference The IP Telephony Solution should support H.323 and SIP The Solution should support the following Trunks - FXO, E1 PRI and SIP The IP Telephony solution should incorporate all licenses for the Phones and Trunks Solution should support all Extensions from Day 1 with future scalability upto 500 users. Licenses for all Phones supplied should be provisioned on Day1 Solution should support Hard 10 IP Phones, Softphones, Video Phones, 100 Analog Extensions with necessary Licenses, Rack mount architecture, complete as required and as per technical specifications.or its equivalent specifications	1.00	nos	3950000.00	<b>3950000.00</b>	INR Thirty Nine Lakh Fifty Thousand & Paise Zero Only
116	7.02	Supply, Installation, Testing & Commissioning of Color display—2.8 inches x 2.1 inches (7.0 cm x 5.3 cm)—Diagonal width: 3.5 inches (8.8 cm)• 8 buttons with dual LEDs (red, green)• 4 softkeys• Hard buttons for phone, messages, contacts, history, home, navigation cluster,headset, speaker, volume, mute• LEDs for speaker, mute, headset, message, history• 24 administrative buttons• Wideband audio in handset and headset• Full duplex speakerphone • Ergonomic hearing aid compatible handset supports TTD acoustic coupler• Message waiting indicator• Mute indicator with optional mute alerting• IC call alerting with 360-degree visibility• Rich, classic, alternate, and downloadable ringtones• Dual-position stand, optional wallmount stand• Gigabit Ethernet (10 / 100 / 1000) line interface• Second Ethernet interface 10 / 100 / 1000 Mbps• PoE Class (IEEE 802.3af) registers as class 1 device and supports 802.3az• Optional AC to 5 volt adapter• Order Custom Bezels / Faceplates• SIP & H.323 protocol support• Standards-based codec support: G.711, G.726, G.729A / B, G.722, Opus. • Zero touch deployment via Device Enrollment Services Support• Supports the following languages: Arabic, Brazilian Portuguese, Simplified Chinese, Dutch, English, Canadian French, Parisian French, German, Hebrew, Italian, Japanese, Korean, Polish, Latin American Spanish, Castilian Spanish,Thai, Turkish, and Russian. or its equivalent specifications	10.00	nos	31554.00	<b>315540.00</b>	INR Three Lakh Fifteen Thousand Five Hundred Forty & Paise Zero Only
117	7.03	Supply Installation, Testing and Commissioning of Analog Speaker Phone with backlight. or its equivalent specifications	90.00	nos	1950.00	<b>175500.00</b>	INR One Lakh Seventy Five Thousand Five Hundred & Paise Zero Only
118	7.04	SSupply, Installation,Testing and commisioning of IP phone license complete as required	10.00	nos	3500.00	<b>35000.00</b>	INR Thirty Five Thousand & Paise Zero Only
119	7.05	Supply, Installation, Testing and Comissioning of 75" LED display. Brightness -500nits or better, Resolution- 4K UHD or better, Viewing Angle (H/V) - 178/178 or better, Contrast Ratio - 4,000:1 or better, Ports - Minimum 2 x HDMI, 1 xDisplay port, 2xUSB, 1 x RJ45, 1xRS232 or more. Bluetooth and WiFi connectivity options. With standard accessories and suitable MS wall mounting bracket. (For CMD Cabin)	1.00	nos	367000.00	<b>367000.00</b>	INR Three Lakh Sixty Seven Thousand & Paise Zero Only
120	8	<b>SANITARY FIXTURES &amp; FITTINGS</b>					

	A	B	D	E	F	BB	BC
121	8.01	Supply, installation, testing and commissioning of glazed vitreous china single trap syphonic pattern having back inlet, supporting chair, wall hung water closet complete with all internal fittings/ accessories and CP brass flush bend (European type) water closet with seat and lid, with C.P. brass hinges and rubber buffers, adapter, rubber joints fixed to W.C., C.P. brass screwed washers including cutting and making good the walls and floors wherever required and HDPE WC pan connector including jointing with white cement complete in all respects.					
122	8.02	Wall hung W.C. pan (White colour)with white plastic seat & lid "Thermoset moulded ( bakelite ) IS 2548 Part I	7.00	Each	27825.00	<b>194775.00</b>	INR One Lakh Ninety Four Thousand Seven Hundred Seventy Five & Paise Zero Only
123	8.03	Supply, installation, testing and commissioning of concealed cistern including flush plate and all internal fittings/ accessories including cutting and making good the walls and floors wherever required complete in all respects.	7.00	Each	12461.00	<b>87227.00</b>	INR Eighty Seven Thousand Two Hundred Twenty Seven & Paise Zero Only
124	8.04	Supply, installation, testing and commissioning of glazed vitreous china wash basin with R.S. or C.I. brackets painted white, 32mm C.P. brass waste of standard pattern , C.P brass wall flange 32 mm dia. C.P. brass bottle trap and union 32 mm dia C.P. pipes to wall flange. complete including cutting and making good the walls wherever required.					
125	8.05	Undercounter wash basin	7.00	Each	8421.00	<b>58947.00</b>	INR Fifty Eight Thousand Nine Hundred Forty Seven & Paise Zero Only
126	8.06	Table top wash basin	1.00	Each	15141.00	<b>15141.00</b>	INR Fifteen Thousand One Hundred Forty One & Paise Zero Only
127	8.07	Providing & fixing vitreous chinaware urinal comprising Large flat back wall hung urinal in glazed vitreous China urinal 15 mm electrically operated solenoid valve with infra red sensor mounted in a box with SS Cover. CP brass chromium plated flush piping from solenoid valve to urinal terminated with a 15 mm screwed spreader 32 mm nominal bore CP cast brass waste 32 mm nominal bore CP cast bottle trap with extension pipe rubber adopter for waste connection, CP brass wall flange.					
128	8.08	For supply,installation,testing & commissioning of sanitary fixtures(white colour) as per above details.	3.00	Each	26802.00	<b>80406.00</b>	INR Eighty Thousand Four Hundred Six & Paise Zero Only
129	8.09	Supply, installation, testing and commissioning of 15mm C.P. brass single hole wash basin mixer without popup waste system with 450mm long copper pipes and brass nut	7.00	Each	6089.00	<b>42623.00</b>	INR Forty Two Thousand Six Hundred Twenty Three & Paise Zero Only
130	8.1	Providing & fixing toilet paper holding including cutting and making good the walls.	7.00	Each	1588.00	<b>11116.00</b>	INR Eleven Thousand One Hundred Sixteen & Paise Zero Only
131	8.11	Providing & fixing Horizontal liquid soap dispenser with stainless steel lid and brackets fixed to wooden cleats with C.P. brass screws.	6.00	Each	3715.00	<b>22290.00</b>	INR Twenty Two Thousand Two Hundred Ninety & Paise Zero Only
132	8.12	Providing & fixing C.P. brass coat hooks fixed on toilet door with C.P. brass screws	7.00	Each	619.00	<b>4333.00</b>	INR Four Thousand Three Hundred Thirty Three & Paise Zero Only
133	8.13	Providing & fixing beveled edge mirror 5.5mm thick of superior quality plate glass complete with 6mm thick marine ply sheet ground fixed to wooden cleats with CP brass screws and washerswith 40 mm wide teak wood frame as per design including polishing	15.00	Each	2815.00	<b>42225.00</b>	INR Forty Two Thousand Two Hundred Twenty Five & Paise Zero Only
134	8.14	Providing & fixing Hand Shower (Health Faucet) with 8mm dia, 1M long PVC tube and wall hook CP brass wall flange	7.00	Each	1798.00	<b>12586.00</b>	INR Twelve Thousand Five Hundred Eighty Six & Paise Zero Only
135	8.15	Providing & fixing, testing and commissioning of storage type electric water heater with automatic thermostatic control electric element, pressure release valve, brackets fixed to expansion fasteners with M.S. nuts and bolts all complete including cutting and making good the walls wherever required.					

	A	B	D	E	F	BB	BC
136	8.16	05 litres capacity (Horizontal /Vertical type1.5 kw electrical load).	1.00	Each	12085.00	<b>12085.00</b>	INR Twelve Thousand Eighty Five & Paise Zero Only
137	8.17	15 litres capacity (Horizontal /Vertical type1.5 kw electrical load).	2.00	Each	25800.00	<b>51600.00</b>	INR Fifty One Thousand Six Hundred & Paise Zero Only
138	8.18	Providing & fixing wall mounted 25 mm dia Stainless steel coated grab bar including cutting & making good the walls(size 450mm long)	7.00	Each	951.00	<b>6657.00</b>	INR Six Thousand Six Hundred Fifty Seven & Paise Zero Only
139	8.2	Providing & fixing 15 mm dia C.P. brass bib cock with C.P. wall flange of approved quality.	7.00	Each	1605.00	<b>11235.00</b>	INR Eleven Thousand Two Hundred Thirty Five & Paise Zero Only
140	8.21	FRAGRANCE DISPENSER MACHINE :-Providing and fixing of Automatic Fragrance Dispenser machine complete with refill can and 'C' size battery (2 Nos) for operation fixed to wooden cleats with CP brass screws	4.00	Each	4624.00	<b>18496.00</b>	INR Eighteen Thousand Four Hundred Ninety Six & Paise Zero Only
141	8.22	Providing and fixing of stainless steel finish Paper Towel Dispenser having capacity of 300-350 paper towels fixed to wooden cleats with C.P. brass screws	4.00	Each	5556.00	<b>22224.00</b>	INR Twenty Two Thousand Two Hundred Twenty Four & Paise Zero Only
142	8.23	Providing and fixing of wall mounted fully automatic hand dryer in SS/ black finish as per approval complete will all accessories.	4.00	Each	5903.00	<b>23612.00</b>	INR Twenty Three Thousand Six Hundred Twelve & Paise Zero Only
143	9	<b>WATER SUPPLY</b>					
144	9.01	Providing and fixing Chlorinate Polyvinyl Chloride (CPVC) pipes having thermal stability for hot & cold water supply including all (CPVC) plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This including jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of engineer in charge. .					
145	9.02	<b>Internal Work - Exposed on Wall</b>					
146	9.03	25 mm nominal outer dia pipes.	40.00	Meter	401.55	<b>16062.00</b>	INR Sixteen Thousand Sixty Two & Paise Zero Only
147	9.04	32 mm nominal outer dia pipes.	50.00	Meter	518.75	<b>25937.50</b>	INR Twenty Five Thousand Nine Hundred Thirty Seven & Paise Fifty Only
148	9.05	40 mm nominal outer dia pipes.	40.00	Meter	702.95	<b>28118.00</b>	INR Twenty Eight Thousand One Hundred Eighteen & Paise Zero Only
149	9.06	50 mm nominal outer dia pipes.	60.00	Meter	934.15	<b>56049.00</b>	INR Fifty Six Thousand Forty Nine & Paise Zero Only
150	9.07	Providing and fixing Chlorinate 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 including jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the the same including testing of joints complete as per direction of engineer in charge.					
151	9.08	<b>Concealed work oncluding cutting chases and making good the walls etc.</b>					
152	9.09	20 mm nominal outer dia pipes.	120.00	Meter	537.60	<b>64512.00</b>	INR Sixty Four Thousand Five Hundred Twelve & Paise Zero Only
153	9.1	25 mm nominal dia Pipes	160.00	Meter	627.25	<b>100360.00</b>	INR One Lakh Three Hundred Sixty & Paise Zero Only
154	9.11	32 mm nominal dia Pipes	150.00	Meter	739.30	<b>110895.00</b>	INR One Lakh Ten Thousand Eight Hundred Ninety Five & Paise Zero Only
155	9.12	Providing and fixing brass stop cock of approved quality complete.					
156	9.13	15 mm nominal bore	10.00	Each	353.25	<b>3532.50</b>	INR Three Thousand Five Hundred Thirty Two & Paise Fifty Only
157	9.14	20 mm nominal bore	10.00	Each	379.20	<b>3792.00</b>	INR Three Thousand Seven Hundred Ninety Two & Paise Zero Only
158	9.15	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):					
159	9.16	25 mm nominal bore	4.00	EACH	622.40	<b>2489.60</b>	INR Two Thousand Four Hundred Eighty Nine & Paise Sixty Only
160	9.17	32 mm nominal bore	4.00	EACH	689.95	<b>2759.80</b>	INR Two Thousand Seven Hundred Fifty Nine & Paise Eighty Only
161	9.18	50 mm nominal bore	4.00	EACH	1026.65	<b>4106.60</b>	INR Four Thousand One Hundred Six & Paise Sixty Only
162	9.19	Providing and fixing C.P. bass angle valve for basin mixer and geyser points of approved quality conforming to I.S:8931 a) 15 mm nominal bore.					
163	9.2	15 mm nominal bore	10.00	EACH	574.30	<b>5743.00</b>	INR Five Thousand Seven Hundred Forty Three & Paise Zero Only
164	9.21	Providing and fixing unplasticised P.V.C connection pipe with PTMT Nuts coller and bush of approved quality and colour.					
165	9.22	15mm nominal bore with 45cm length	10.00	EACH	121.90	<b>1219.00</b>	INR One Thousand Two Hundred Nineteen & Paise Zero Only

	A	B	D	E	F	BB	BC
166	10	<b>INTERNAL DRAINAGE (SOIL, WASTE &amp; VENT PIPES)</b>					
167	10.01	Providing and fixing cast iron trap of self cleansing design with cast iron screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors.					
168	10.02	100 mm inlet and 100 mm outlet centrifugally cast (spun) iron S&S as per IS 3989.	7.00	EACH	1996.50	<b>13975.50</b>	INR Thirteen Thousand Nine Hundred Seventy Five & Paise Fifty Only
169	10.03	Providing and fixing soil, waste and vent pipes.					
170	10.04	Centrifugally cast (spun) iron S&S pipe as per IS 3989.					
171	10.05	100mm dia cast (spun) iron S&S pipe	50.00	Meter	1151.90	<b>57595.00</b>	INR Fifty Seven Thousand Five Hundred Ninety Five & Paise Zero Only
172	10.06	Centrifugally cast (spun) iron S&S pipe as per IS 3989.					
173	10.07	75mm dia cast (spun) iron S&S pipe	50.00	Meter	1186.00	<b>59300.00</b>	INR Fifty Nine Thousand Three Hundred & Paise Zero Only
174	10.08	Providing and fixing single equal plain junction of reqd. degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete.					
175	10.09	100x100x100mm					
176	10.1	Sand cast (spun) iron pipe IS-3989	20.00	EACH	925.70	<b>18514.00</b>	INR Eighteen Thousand Five Hundred Fourteen & Paise Zero Only
177	10.11	75x75x75mm					
178	10.12	Sand cast (spun) iron pipe IS-3989	10.00	EACH	665.05	<b>6650.50</b>	INR Six Thousand Six Hundred Fifty & Paise Fifty Only
179	10.13	Providing and fixing single equal plain junction of reqd. degree.					
180	10.14	100x100x100mm					
181	10.15	Sand cast (spun) iron pipe IS-3989	20.00	EACH	811.90	<b>16238.00</b>	INR Sixteen Thousand Two Hundred Thirty Eight & Paise Zero Only
182	10.16	Providing and fixing bend of required degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete.					
183	10.17	75x75x75mm					
184	10.18	Sand cast (spun) iron pipe IS-3989	10.00	EACH	561.20	<b>5612.00</b>	INR Five Thousand Six Hundred Twelve & Paise Zero Only
185	10.19	100 mm dia					
186	10.2	Sand cast (spun) iron pipe IS-3989	20.00	EACH	705.20	<b>14104.00</b>	INR Fourteen Thousand One Hundred Four & Paise Zero Only
187	10.21	75 mm dia					
188	10.22	Sand cast (spun) iron pipe IS-3989	10.00	EACH	522.80	<b>5228.00</b>	INR Five Thousand Two Hundred Twenty Eight & Paise Zero Only
189	10.23	Providing and fixing bend of required degree .					
190	10.24	100 mm					
191	10.25	Sand cast (spun) iron pipe IS-3989	20.00	EACH	470.45	<b>9409.00</b>	INR Nine Thousand Four Hundred Nine & Paise Zero Only
192	10.26	75mm					
193	10.27	Sand cast (spun) iron pipe IS-3989	10.00	EACH	390.50	<b>3905.00</b>	INR Three Thousand Nine Hundred Five & Paise Zero Only
194	10.28	Providing and fixing collar.					
195	10.29	100mm					
196	10.3	Sand cast (spun) iron pipe IS-3989	20.00	EACH	513.15	<b>10263.00</b>	INR Ten Thousand Two Hundred Sixty Three & Paise Zero Only
197	10.31	75mm					
198	10.32	Sand cast (spun) iron pipe S&S IS-3989	10.00	EACH	362.05	<b>3620.50</b>	INR Three Thousand Six Hundred Twenty & Paise Fifty Only
199	10.33	Providing and fixing MS holder bat clamps of approved design to cast iron (spun) pipe embedded in and Including cement concrete blocks 10 x10 x10cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including cost of cutting holes and making good the walls etc.					
200	10.34	For 100mm dia. Pipe	20.00	EACH	362.85	<b>7257.00</b>	INR Seven Thousand Two Hundred Fifty Seven & Paise Zero Only
201	10.35	For 75mm dia. Pipe	20.00	EACH	360.00	<b>7200.00</b>	INR Seven Thousand Two Hundred & Paise Zero Only
202	10.36	Providing and fixing G.I. Pipes complete with G.I. Fittings and clamps. including cutting and making good the walls etc.					
203	10.37	32 mm nominal bore	120.00	Meter	667.00	<b>80040.00</b>	INR Eighty Thousand Forty & Paise Zero Only
204	10.38	40 mm nominal bore	20.00	Meter	811.90	<b>16238.00</b>	INR Sixteen Thousand Two Hundred Thirty Eight & Paise Zero Only
205	10.39	50 mm nominal bore	80.00	Meter	1048.35	<b>83868.00</b>	INR Eighty Three Thousand Eight Hundred Sixty Eight & Paise Zero Only
206	10.4	Painting G.I. Pipes and fittings with two coats of anticorrosive bitumastic paint of approved quality					
207	10.41	32 mm nominal bore	120.00	Meter	22.20	<b>2664.00</b>	INR Two Thousand Six Hundred Sixty Four & Paise Zero Only
208	10.42	40 mm nominal bore	20.00	Meter	25.25	<b>505.00</b>	INR Five Hundred Five & Paise Zero Only
209	10.43	50 mm nominal bore	80.00	Meter	30.50	<b>2440.00</b>	INR Two Thousand Four Hundred Forty & Paise Zero Only

	A	B	D	E	F	BB	BC
210	10.44	Painting sand cast iron / centrifugally cast iron( spun) iron soil, waste and vent pipes and fittings with paint of any colour such as chocolate, grey or buff etc. over a coat of primer (of approval quality) for new work					
211	10.45	100mm dia cast (spun) iron S&S pipe	50.00	Meter	82.80	<b>4140.00</b>	INR Four Thousand One Hundred Forty & Paise Zero Only
212	10.46	75mm dia cast (spun) iron S&S pipe	50.00	Meter	62.95	<b>3147.50</b>	INR Three Thousand One Hundred Forty Seven & Paise Fifty Only
213	10.47	Providing and fixing G.I. Inlet fitting of suitable size with 2 & 3 Nos. G.I. Socket 32 & 40 welded G.I. pipe and dipped in hot bitumen complete in all respect.					
214	10.48	100 mm diameter pipe (Hopper )	20.00	Each	1150.00	<b>23000.00</b>	INR Twenty Three Thousand & Paise Zero Only
215	10.49	Providing and fixing G.I. Inlet fitting of suitable size with 2 & 3 Nos. G.I. Socket 32 & 40 welded G.I. pipe and dipped in hot bitumen complete in all respect.					
216	10.5	100 mm	20.00	Each	622.50	<b>12450.00</b>	INR Twelve Thousand Four Hundred Fifty & Paise Zero Only
217	10.51	75 mm	20.00	Each	526.25	<b>10525.00</b>	INR Ten Thousand Five Hundred Twenty Five & Paise Zero Only
218	10.52	Providing & filling the joints with spun yarn,cement slurry & cement mortar 1:2(1 cement: 2 fine sand) in SCI/CI pipes.					
219	10.53	75 mm	10.00	Each	168.20	<b>1682.00</b>	INR One Thousand Six Hundred Eighty Two & Paise Zero Only
220	10.54	100 mm	10.00	Each	198.15	<b>1981.50</b>	INR One Thousand Nine Hundred Eighty One & Paise Fifty Only
221	10.55	Providing and fixing single unequal plain junction of reqd. degree.					
222	10.56	100x100x75mm					
223	10.57	Sand cast (spun) iron pipe IS-3989	20.00	Each	1032.40	<b>20648.00</b>	INR Twenty Thousand Six Hundred Forty Eight & Paise Zero Only
224	11	<b>SPRINKLER PIPING &amp; ACCESSORIES</b>					
225	11.01	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :					
226	11.02	25 mm dia	140.00	RM	471.00	<b>65940.00</b>	INR Sixty Five Thousand Nine Hundred Forty & Paise Zero Only
227	11.03	32 mm dia	25.00	RM	527.00	<b>13175.00</b>	INR Thirteen Thousand One Hundred Seventy Five & Paise Zero Only
228	11.04	40 mm dia	140.00	RM	651.00	<b>91140.00</b>	INR Ninety One Thousand One Hundred Forty & Paise Zero Only
229	11.05	50 mm dia	30.00	RM	787.00	<b>23610.00</b>	INR Twenty Three Thousand Six Hundred Ten & Paise Zero Only
230	11.06	65 mm dia	25.00	RM	1004.00	<b>25100.00</b>	INR Twenty Five Thousand One Hundred & Paise Zero Only
231	11.07	80 mm dia	50.00	RM	1122.00	<b>56100.00</b>	INR Fifty Six Thousand One Hundred & Paise Zero Only
232	11.08	100 mm dia	15.00	RM	1499.00	<b>22485.00</b>	INR Twenty Two Thousand Four Hundred Eighty Five & Paise Zero Only
233	11.09	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/ gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :					
234	11.1	100 mm dia	2.00	nos	6454.00	<b>12908.00</b>	INR Twelve Thousand Nine Hundred Eight & Paise Zero Only
235	11.11	150 mm dia	2.00	nos	8699.00	<b>17398.00</b>	INR Seventeen Thousand Three Hundred Ninety Eight & Paise Zero Only
236	11.12	Providing and fixing ISI Marked of approved make Fire Extinguishers complete with all accessories as per manufacturer's specifications.					
237	11.13	CO2 gas nozzle type - 9 Litre capacity (IS:15683).	2.00	nos	13091.00	<b>26182.00</b>	INR Twenty Six Thousand One Hundred Eighty Two & Paise Zero Only
238	11.14	Mechanical Foam gas cartridge type. 9 Kg capacity (IS:15683).	2.00	nos	3153.00	<b>6306.00</b>	INR Six Thousand Three Hundred Six & Paise Zero Only
239	11.15	ABC dry powder stored pressure type 6 kg capacity (IS:15683).	10.00	nos	2796.00	<b>27960.00</b>	INR Twenty Seven Thousand Nine Hundred Sixty & Paise Zero Only
240	11.16	Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories :					
241	11.17	Concealed Sprinkler	103.00	nos	1397.00	<b>143891.00</b>	INR One Lakh Forty Three Thousand Eight Hundred Ninety One & Paise Zero Only

	A	B	D	E	F	BB	BC
242	11.18	Supplying, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT male thread to sprinkler head (Outlet) 15mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stockbar of following sizes complete as required.					
243	11.19	1000 mm	103.00	nos	1540.00	<b>158620.00</b>	INR One Lakh Fifty Eight Thousand Six Hundred Twenty & Paise Zero Only
244	11.2	Providing and fixing signages printed on photoluminescent U1000 aluminium sheet of 1.0 mm (+ -10%) containing lumigen II as base chemical, covered under UV stablized coating and of appropriate size including fixing on wall, door, ceiling etc. with proper clamps, hangers, cleats anchor fasteners etc. complete in all respects as diercted by Engineer-in-charge	1200.00	SQ INCH	18.00	<b>21600.00</b>	INR Twenty One Thousand Six Hundred & Paise Zero Only
245	11.21	Providing, jointing and testing of automatically operated Halotron fire extinguishers(cap-5kg,temperature rating-68degc,test pressure-30bar) complete with all accessories/fittings.	2.00	nos	16420.00	<b>32840.00</b>	INR Thirty Two Thousand Eight Hundred Forty & Paise Zero Only
246	12	<b>Furniture</b>					
247	12.01	Providing and Placing Main TAbLe of Size 3000x2550x740.MAIN WORKTOP Size 3000x1050x740, ERU 1500x600x610mm- Main worktop - Made of 43mm Thick (±1) combination of MDF and particle board with top veneer face coated with clear lacquer. All edges are edge banded with matching 1mm thick veneer lipping.LEATHER PAD:Made of 18mm Thick (±1) MDF with Leatherette wrapped around top surface. This leather pad is fixed to main top panel.DRAWER UNIT:Top panel and drawer unit modesty panel is made of 43mm Thick (±1) combination ofMDF and particle board with top veneer face coated with clear lacquer. All thickness edges are edge banded with matching lipping.Remaining construction is of 18mm Pre-laminated twin board (PLT) of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Bottom panel of drawer is 9mm thick particle board with leatherette on top surface.Drawer unit is provided with soft closing channels for smooth opening and closing.Drawer unit is secured with side central lock.OPEN STORAGE UNIT:Top panel and open storage unit modesty panel is made of 43mm Thick (±1) combination of MDF and particle board with top veneer face coated with clear lacquer. All thickness edges are edge banded with matching lipping.Remaining construction is of 18mm Pre-laminated twin board (PLT) of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge	1.00	nos	1,88,862.54	<b>188862.54</b>	INR One Lakh Eighty Eight Thousand Eight Hundred Sixty Two & Paise Fifty Four Only

	A	B	D	E	F	BB	BC
248	12.02	SEAT ASSEMBLY: The Cushioned seat inner is made of injection moulded glass filled poly-amide.-POSTURE PERFECT HIGH BACK CHAIR: STANDARD LEATHER Upholstered seat sub-assembly consists of moulded High Resilience (HR) Polyurethane foam of Density 45+2 kg/m³, and hardness load 16 ÷ 2 kgf as per IS 7888 for 25% compression. Seat SIZE: 45.5cm. (D) x 52.4cm. (W).BACK ASSEMBLY: The Cushioned back is made of PU Foam with Polypropylene Injection molded.Plastic Inner.HIGH BACK SIZE: 50.5 cm. (W) x 76.7 cm. (D) ARMRESTS: The armrest having four range of adjustment.Height adjustment sub assembly is inserted in the Aluminum Die Cast Arm body & all other adjustment are provided in adjustable arm top sub assembly.Up- Down adjustment has 8 position (10.5+0.5cm range).Arm top swivel adjustment- 2 position, 12°+2° swivel inside.Arm top width adjustment - Any position (2.0÷0.5cm range each arm top) Arm top To - Fro Adjustment- any position (4.0\$0.5cm range).Armrest top is made up of high density PU molded over glass filled Poly- amide inner.POSTURE PERFECT MECHANISM: The adjustable tilting mechanism is designed with the following features:360° revolving type. Forward tilt of sesat and back. Upright tilt lock.Tilt tension adjustment can be operated in seating position.3-position Tilt limiter. SEAT DEPTH ADJUSTMENT: Seat depth adjustment is housed below the seat and integrated with the mechanism	1.00	nos	1,03,309.00	103309.00	INR One Lakh Three Thousand Three Hundred Nine & Paise Zero Only
249	12.03	SEAT ASSEMBLY: The Cushioned seat inner is made of injection moulded glass filled poly-amide.- FULL BACK CHAIR: STANDARD LEATHER Upholstered seat sub-assembly consists of moulded High Resilience (HR) Polyurethane foam of Density 45+2 kg/m³, and hardness load 16 ÷ 2 kgf as per IS 7888 for 25% compression. Seat SIZE: 45.5cm. (D) x 52.4cm. (W).BACK ASSEMBLY: The Cushioned back is made of PU Foam with Polypropylene Injection molded.Plastic Inner.HIGH BACK SIZE: 50.5 cm. (W) x 61.8 cm. (D) ARMRESTS: The armrest having four range of adjustment.Height adjustment sub assembly is inserted in the Aluminum Die Cast Arm body & all other adjustment are provided in adjustable arm top sub assembly.Up- Down adjustment has 8 position (10.5+0.5cm range).Arm top swivel adjustment- 2 position, 12°+2° swivel inside.Arm top width adjustment - Any position (2.0÷0.5cm range each arm top) Arm top To - Fro Adjustment- any position (4.0\$0.5cm range).Armrest top is made up of high density PU molded over glass filled Poly- amide inner.MECHANISM: The adjustable tilting mechanism is designed with the following features:360° revolving type. Forward tilt of sesat and back. Upright tilt lock.Tilt tension adjustment can be operated in seating position.3-position Tilt limiter. SEAT DEPTH ADJUSTMENT: Seat depth adjustment is housed below the seat and integrated with the mechanism with help of Polypropene Seat cover. Seat Depth can be	4.00	nos	99,662.80	398651.20	INR Three Lakh Ninety Eight Thousand Six Hundred Fifty One & Paise Twenty Only

	A	B	D	E	F	BB	BC
250	12.04	Providing and placing in position discussion table.The overall size of the wortop shall be 2100mm x 1150mm x 740mm. Worktop shall be made from 25mm thick MDF one side prelaminated boardwith 0.4mm and having chamfered edge. Soft closing dual access flap provided for access to power supply and data cables. The Under-structure consists of mixture of 25mm and 18mm Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Anodised aluminium alloy 63400 - WP profile is added at bottom edges for improving the aesthetics.The product has a knock-down construction. A wire raiser made of 0.8mm CRCA MS IS:513. It is epoxy polyester powder coated (DFT 40-60 microns) for flow of wires and cables. A Powerbox with 2 cutouts on either sides for standard 8 module Anchor Roma is provided. Beside each cutout, an additional cutout with plate is provided for mounting .Audio Visual Cables(eg. HDMI,VGA-A,etc). The product must be UL Greenguard certified.Complete all as per the direction of Engineer in Charge.	1.00	nos	47,693.24	<b>47693.24</b>	INR Forty Seven Thousand Six Hundred Ninety Three & Paise Twenty Four Only
251	12.05	Providing and Placing High Back Chair with overall size of 76.1 cm W x 76.1 cm D x 112.7 – 130.2 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the	1.00	nos	25,305.10	<b>25305.10</b>	INR Twenty Five Thousand Three Hundred Five & Paise Ten Only

	A	B	D	E	F	BB	BC
252	12.06	Providing and Placing mid Back Chair with overall size of 76.1 cm W x 76.1 cm D x 96.5 – 114 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the	6.00	nos	23,616.52	141699.12	INR One Lakh Forty One Thousand Six Hundred Ninety Nine & Paise Twelve Only
253	12.07	Providing and placing sofa of size 1820mm (W)x 840mm (D)x760(H) . Pure Leather Upholstery - Pigmented Durable and ergonomically perfect for seating. The top grains of leather is clearly visible which adds to the aesthetics S Spring Webbing- Provides bouncing back action for floating feeling.Construction- Made of solid wood frame with ply cross section which is moisture , termite and borer resistant. Adequate treatment of wood initiated to enhance longevity and maintain robustness.PLY - 12 mm, PLY - 6mm flexiply , Paper board 3mm , webbing 2 inch , Zigzag Spring - 3.8mm Comfort- The seat is made of soft foam of density 28 kg/m3 which enhances comfort and cushioning with sinking feeling. Ground Elevation- Equipped with legs, the sofa is elevated to allow a level of ground clearance.	1.00	nos	91,721.40	91721.40	INR Ninety One Thousand Seven Hundred Twenty One & Paise Forty Only
254	12.08	Providing and placing sofa of size 1520mm (W)x 840mm (D)x760(H) . Pure Leather Upholstery - Pigmented Durable and ergonomically perfect for seating. The top grains of leather is clearly visible which adds to the aesthetics S Spring Webbing- Provides bouncing back action for floating feeling.Construction- Made of solid wood frame with ply cross section which is moisture , termite and borer resistant. Adequate treatment of wood initiated to enhance longevity and maintain robustness.PLY - 12 mm, PLY - 6mm flexiply , Paper board 3mm , webbing 2 inch , Zigzag Spring - 3.8mm Comfort- The seat is made of soft foam of density 28 kg/m3 which enhances comfort and cushioning with sinking feeling. Ground Elevation- Equipped with legs, the sofa is elevated to allow a level of ground clearance.	1.00	nos	68,791.64	68791.64	INR Sixty Eight Thousand Seven Hundred Ninety One & Paise Sixty Four Only

	A	B	D	E	F	BB	BC
255	12.09	<p>Providing and placing sofa of size 750mm (W)x 840mm (D)x760(H) . Pure Leather Upholstery - Pigmented Durable and ergonomically perfect for seating. The top grains of leather is clearly visible which adds to the aesthetics</p> <p>S Spring Webbing- Provides bouncing back action for floating feeling.Construction- Made of solid wood frame with ply cross section which is moisture , termite and borer resistant. Adequate treatment of wood initiated to enhance longevity and maintain robustness.PLY - 12 mm, PLY - 6mm flexiply , Paper board 3mm , webbing 2 inch , Zigzag Spring - 3.8mm</p> <p>Comfort- The seat is made of soft foam of density 28 kg/m3 which enhances comfort and cushioning with sinking feeling.</p> <p>Ground Elevation- Equipped with legs, the sofa is elevated to allow a level of ground clearance.</p>	1.00	nos	55,176.80	<b>55176.80</b>	INR Fifty Five Thousand One Hundred Seventy Six & Paise Eighty Only
256	12.1	<p>Providing and placing in position Centre Table having a size of : 1000mm(L) x 600mm(D) x 425mm(H). Understructure of the table which includes Legs, top wooden frame &amp; bottom tie members are made out of first quality rubberwood of approved make without knots &amp; defects on all faces. Bottom tray is made of 1.2mm thick MS sheet. Metal brackets are used for assembly purpose. Top: 8mm thick toughened glass of approved make. Construction: Knock-down assembly.Wooden members are PU painted with hardness-2H. Metal components are powder coated. Bottom MS metal tray is having floral pattern laser-cut. Top glass is having sand blasted floral pattern on bottom surface 5. Hardware: Knock-down assembly with high quality standard hardware like screws, metal inserts, wooden dowel, plastic leg bush. Complete all as per the dimension of Engineer-in-charge.Complete all as per the direction of Engineer in Charge.</p>	1.00	nos	26,807.24	<b>26807.24</b>	INR Twenty Six Thousand Eight Hundred Seven & Paise Twenty Four Only
257	12.11	<p>Providing and placing in position Corner Table having a size of : 500mm(L) x 500mm(D) x 425mm(H). Understructure of the table which includes Legs, top wooden frame &amp; bottom tie members are made out of first quality rubberwood of approved make without knots &amp; defects on all faces. Bottom tray is made of 1.2mm thick MS sheet. Metal brackets are used for assembly purpose. Top: 8mm thick toughened glass of approved make. Construction: Knock-down assembly.Wooden members are PU painted with hardness-2H. Metal components are powder coated. Bottom MS metal tray is having floral pattern laser-cut. Top glass is having sand blasted floral pattern on bottom surface 5. Hardware: Knock-down assembly with high quality standard hardware like screws, metal inserts, wooden dowel, plastic leg bush. Complete all as per the dimension of Engineer-in-charge. Complete all as per the direction of Engineer in Charge.</p>	2.00	nos	17,455.74	<b>34911.48</b>	INR Thirty Four Thousand Nine Hundred Eleven & Paise Forty Eight Only

	A	B	D	E	F	BB	BC
258	12.12	Providing and Placing in position Conference table for 19 seater having 8Nos of 2 Seater Modules of size 1350mm X 600mm X 740mm , 2 Nos of one seater module . Worktop- Made of 25mm thick MDF-one side pre-laminate board conforming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top and having chamfered edge.Plastic ABS access flap is provided for easy access to wires and cables.Modesty consist of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shadeconforming to IS-12823:1990, Aluminium alloy 63400 - WP profile is used for connecting panels together. The product has a knock-down construction.It consist of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shadeconforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Aluminium alloy 63400 - WP profile is used for connecting panels together. The product has a knock-down construction.An array of panels made of 0.8mm CRCA MS IS:513, epoxy polyester powder coated(DFT 40-60 microns) is used for flow of wires and cables. Provision to mount Anchor Roma 6 module plate is provided below worktop. Cutout on top with two piece injectionmoulded plastic part polymer component is fitted to pull out audio,video cables ontoworktop and connect devices charger to power socket below worktop.	1.00	nos	3,87,847.12	<b>387847.12</b>	INR Three Lakh Eighty Seven Thousand Eight Hundred Forty Seven & Paise Twelve Only
259	12.13	Providing and Placing High Back Chair with overall size of 76.1 cm W x 76.1 cm D x 112.7 – 130.2 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the	1.00	nos	50,022.56	<b>50022.56</b>	INR Fifty Thousand Twenty Two & Paise Fifty Six Only

	A	B	D	E	F	BB	BC
260	12.14	Providing and Placing Mid Back Chair with overall size of 76.1 cm W x 76.1 cm D x 96.5 – 114 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the	25.00	nos	43,639.94	1090998.50	INR Ten Lakh Ninety Thousand Nine Hundred Ninety Eight & Paise Fifty Only
261	12.15	Providingin place of main table with overall size of table 2350 x 2350 x 750mm. The main table shall be of size 2350 x 1150 x 750mm. The side unit shall be 1200 x 600 x 750mm. The table is made of 25 mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. Soft closing access flap within-build power box are provided on work surface for wire management. The ERU top is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The modesty panel is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The understructure is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. The pedestal is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25 mm thick MDF one side pre-laminate board with 0.4 mm PVC membrane pressed on to top pedestal construction is BOX-BOX-FILE type which uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security.	2.00	nos	1,33,460.36	266920.72	INR Two Lakh Sixty Six Thousand Nine Hundred Twenty & Paise Seventy Two Only

	A	B	D	E	F	BB	BC
262	12.16	The Back Unit shall be of dimensions 2350 x 500 x 750mm. It shall be made of 25mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. The Slide door unit is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Shutters have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Storage is provided with lock for security.	2.00	nos	61,031.96	<b>122063.92</b>	INR One Lakh Twenty Two Thousand Sixty Three & Paise Ninety Two Only
263	12.17	Providing and Placing High Back Chair with overall size of 76.1 cm W x 76.1 cm D x 112.7 – 130.2 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the	2.00	nos	50,022.56	<b>100045.12</b>	INR One Lakh Forty Five & Paise Twelve Only

	A	B	D	E	F	BB	BC
264	12.18	<p>Providing and Placing Mid Back Chair with overall size of 76.1 cm W x 76.1 cm D x 96.5 – 114 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer &amp; inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, &amp; hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the</p>	6.00	nos	43,639.94	<b>261839.64</b>	INR Two Lakh Sixty One Thousand Eight Hundred Thirty Nine & Paise Sixty Four Only
265	12.19	<p>Supplying and Placing in place of 2 seater sofa. The overall dimensions of the sofa shall be 1460W x 905D x 855H. The seat should be made of PU foam with Density 28 ± 2 kg/cu.mtr having an additional top layer of supersoft PU foam with Density 32 ± 2 kg/cu. Seat should be upholstered with fabric or leatherette. 2) BACK FOAM: The back should be made of PU foam with Density 28 ± 2 kg/cu. mtr with two additional top layer of supersoft foam of density 32±2 kg/cu. mtr, upholstered with fabric or leatherette. Understructure should be made up of 1.2±0.1 cm. thick hot pressed plywood (which also shall be resistance and termite proof as per IS:303.) and pinewood of cross section deviod of major knots and surface defects 6 nos. per seat and 3.8mm dia. zigzag spring assembly is mounted over understrucrure for cushioning effect. It should be a welded assembly made in Stainless steel (grade SS 202) tube &amp; plate with plastic endcap.</p>	2.00	nos	39,896.98	<b>79793.96</b>	INR Seventy Nine Thousand Seven Hundred Ninety Three & Paise Ninety Six Only

	A	B	D	E	F	BB	BC
266	12.2	Supplying and Placing in place of 1 seater sofa. The overall dimensions of the sofa shall be 860W x 905D x 855H. The seat should be made of PU foam with Density 28 ± 2 kg/cu.mtr having an additional top layer of supersoft PU foam with Density 32 ± 2 kg/cu. Seat should be upholstered with fabric or leatherette. 2) BACK FOAM: The back should be made of PU foam with Density 28 ± 2 kg/cu. mtr with two additional top layer of supersoft foam of density 32±2 kg/cu. mtr, upholstered with fabric or leatherette. Understructure should be made up of 1.2±0.1 cm. thick hot pressed plywood (which also shall be resistance and termite proof as per IS:303.) and pinewood of cross section deviod of major knots and surface defects 6 nos. per seat and 3.8mm dia. zigzag spring assembly is mounted over understrucure for cushioning effect. It should be a welded assembly made in Stainless steel (grade SS 202) tube & plate with plastic endcap.	2.00	nos	30,610.38	<b>61220.76</b>	INR Sixty One Thousand Two Hundred Twenty & Paise Seventy Six Only
267	12.21	Glass shall be 10+/-0.3mm thick black tinted toughened glass UV glued with bushes made in SS 202 grade for fixing with understructure. It shall be a welded assembly made in SS202 grade having dia. 12+/-0.04 as per IS:1762. overall dimensions of table shall be Width of table= 112.0 cm, Depth=60.0 cm, height=35.1 cm.	2.00	nos	15,508.74	<b>31017.48</b>	INR Thirty One Thousand Seventeen & Paise Forty Eight Only
268	12.22	Glass shall be 10+/-0.3mm thick black tinted toughened glass UV glued with bushes made in SS 202 grade for fixing with understructure. It shall be a welded assembly made in SS202 grade having dia. 12+/-0.04 as per IS:1762. overall dimensions of table shall be Width of table= 60.0 cm, Depth=60.0 cm, height=35.1 cm.	2.00	nos	10,304.94	<b>20609.88</b>	INR Twenty Thousand Six Hundred Nine & Paise Eighty Eight Only
269	12.23	Providing in place of main table with overall size of table 1650 x 1650 x 750mm. The main table shall be of size 1650 x 750 x 750mm. The side unit shall be 900 x 500 x 750mm. The table is made of 25 mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. Soft closing access flap within-build power box are provided on work surface for wire management. The ERU top is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The modesty panel is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The understructure is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. The pedestal is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25 mm thick MDF one side pre-laminate board with 0.4 mm PVC membrane pressed on to top pedestal construction is BOX-BOX-FILE type which uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security.	7.00	nos	77,314.78	<b>541203.46</b>	INR Five Lakh Forty One Thousand Two Hundred Three & Paise Forty Six Only

	A	B	D	E	F	BB	BC
270	12.24	The Back Unit shall be of dimensions 1650 x 500 x 750mm. It shall be made of 25mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. The Slide door unit is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Shutters have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Storage is provided with lock for security.	7.00	nos	55,044.64	<b>385312.48</b>	INR Three Lakh Eighty Five Thousand Three Hundred Twelve & Paise Forty Eight Only
271	12.25	The cushioned seat assembly shall consists of seat outer(material-30% glass fiber nylon) and upholstered seat inner(material-polypropylene) with moulded polyurethane foam and polyster fabric. the net back should made up of back outer(material-glass fiber filled nylon) and back inner(material-PP) and upholstered using polyester mesh fabric with high tenacity yarn. Size of back shall be (W)-46.5cm, (H)-60.0cm & size of seat shall be (W)-51.0cm x (D)-49.0cm. The supprot spine should made up of high pressure die cast polished aluminium. Armrest is having two adjustment, Height(6+/-0.5cm) and depth(6+/-0.5cm). Height adjustment shall be provided in aluminium structure of armrest which is connected to aluminium back spine and is operated with button. Armtop is made up of PU molded over plastic inner. The mechanism shall be Active BioSynchro Mechanism. The mechanism of chair shall have following features:360 degree revolving type, Seat/Back tilt ratio of 1:2, Active Bio-Synchro mechanism, 5 position tilt limiter giving option of variable tilt angle to the chair. Front-Pivot for tilt with feet resting on ground and continious lumber support should ensure more comfort. The mechanism housing should made up of HPDC Aluminium and black powder coated. The chair shall be provided with pneumatic height adjustment which shall have stroke of 10.0 +/- 0.3 cm. The pedestal shall be made of die-cast polished aluminium. it shall be fitted with 5 nos twin wheel	7.00	nos	24,676.16	<b>172733.12</b>	INR One Lakh Seventy Two Thousand Seven Hundred Thirty Three & Paise Twelve Only

	A	B	D	E	F	BB	BC
272	12.26	The cushioned seat assembly shall consists of seat outer(material-30% glass fiber nylon) and upholstered seat inner(material-polypropylene) with moulded polyurethane foam and polyster fabric. the net back should made up of back outer(material-glass fiber filled nylon) and back inner(material-PP) and upholstered using polyester mesh fabric with high tenacity yarn. Size of back shall be (W)-46.5cm, (H)-60.0cm & size of seat shall be (W)-51.0cm x (D)-49.0cm. The supprot spine should made up of high pressure die cast polished aluminium. Armrest is having two adjustment, Height(6+/-0.5cm) and depth(6+/-0.5cm). Height adjustment shall be provided in aluminium structure of armrest which is connected to aluminium back spine and is operated with button. Armtop is made up of PU molded over plastic inner. The mechanim shall be Active Bio Synchro Mechanism. The mechanism of chair shall have following features:360 degree revolving type, Seat/Back tilt ratio of 1:2, Active Bio-Synchro mechanism, 5 position tilt limiter giving option of variable tilt angle to the chair. Front-Pivot for tilt with feet resting on ground and continious lumber support should ensure more comfort. The mechanism housing should made up of HPDC Aluminium and black powder coated. The chair shall be provided with pneumatic height adjustment which shall have stroke of 10.0 +/- 0.3 cm. The pedestal shall be made of die-cast polished aluminium, it shall be fitted with 5 nos twin wheel	14.00	nos	22,786.98	319017.72	INR Three Lakh Nineteen Thousand Seventeen & Paise Seventy Two Only
273	12.27	Supplying and Placing in place of 1 seater sofa. The overall dimensions of the sofa shall be 860W x 905D x 855H. The seat should be made of PU foam with Density 28 ± 2 kg/cu.mtr having an additional top layer of supersoft PU foam with Density 32 ± 2 kg/cu. Seat should be upholstered with fabric or leatherette. 2) BACK FOAM: The back should be made of PU foam with Density 28 ± 2 kg/cu. mtr with two additional top layer of supersoft foam of density 32±2 kg/cu. mtr, upholstered with fabric or leatherette. Understructure should be made up of 1.2±0.1 cm. thick hot pressed plywood (which also shall be resistance and termite proof as per IS:303.) and pinewood of cross section deviod of major knots and surface defects 6 nos. per seat and 3.8mm dia. zigzag spring assembly is mounted over understrucrure for cushioning effect. It should be a welded assembly made in Stainless steel (grade SS 202) tube & plate with plastic endcap.	14.00	nos	30,610.38	428545.32	INR Four Lakh Twenty Eight Thousand Five Hundred Forty Five & Paise Thirty Two Only
274	12.28	Glass shall be 10+/-0.3mm thick black tinted toughened glass UV glued with bushes made in SS 202 grade for fixing with understructure. It shall be a welded assembly made in SS202 grade having dia. 12+/-0.04 as per IS:1762. overall dimensions of table shall be Width of table= 112.0 cm, Depth=60.0 cm, height=35.1 cm	1.00	nos	15,508.74	15508.74	INR Fifteen Thousand Five Hundred Eight & Paise Seventy Four Only

	A	B	D	E	F	BB	BC
275	12.29	Providing and placing in position discussion table.The overall size of the wortop shall be 3000mm x 1150mm x 740mm. Worktop shall be made from 25mm thick MDF one side prelaminated boardwith 0.4mm and having chamfered edge. Soft closing dual access flap provided for access to power supply and data cables. The Under-structure consists of mixture of 25mm and 18mm Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Anodised aluminium alloy 63400 - WP profile is added at bottom edges for improving the aesthetics.The product has a knock-down construction. A wire raiser made of 0.8mm CRCA MS IS:513. It is epoxy polyester powder coated (DFT 40-60 microns) for flow of wires and cables. A Powerbox with 2 cutouts on either sides for standard 8 module Anchor Roma is provided. Beside each cutout, an additional cutout with plate is provided for mounting .Audio Visual Cables(eg. HDMI,VGA-A,etc). The product must be UL Greenguard certified.Complete all as per the direction of Engineer in Charge.	2.00	nos	72,391.82	144783.64	INR One Lakh Forty Four Thousand Seven Hundred Eighty Three & Paise Sixty Four Only
276	12.3	Providing and Placing High Back Chair with overall size of 76.1 cm W x 76.1 cm D x 112.7 – 130.2 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the	2.00	nos	25,305.10	50610.20	INR Fifty Thousand Six Hundred Ten & Paise Twenty Only

	A	B	D	E	F	BB	BC
277	12.31	Providing and Placing mid Back Chair with overall size of 76.1 cm W x 76.1 cm D x 96.5 – 114 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the	18.00	nos	23,616.52	425097.36	INR Four Lakh Twenty Five Thousand Ninety Seven & Paise Thirty Six Only
278	12.32	Supplying of Recta workstation of size 1200 X 600x 750 with KBPT .Providing DESK based modular workstation with worktop thickness 25mm System ht - 750 mm .Understructure - The slanted legs with perforated metal modesty in between are connected to the understructure with the help of PDC Connectors to provide a stable and sturdy base for the worktops. Modesty panel shall be of Metal 1.2 mm thick CRCA. Wire Management : Metal powder coated power box with wire raiser+D56 is given to pull wires from the floor junction box upto the power box fixed under neath the worktop. Aluminium access flaps on worktop above power box cut out for accessing switches.Worktop mounted metal modesty made from 0.8 mm thk CRCA (IS: 513) is provided.Worksurface - out of 25 mm thk prelam particle board with flat pvc lipping edge banding of size 1200 mm w x 600 mm d.Pedestals - Nova pedestal flat metal front, full ht free standing central locking of size 390 mm w x 435 mm d x 646 mm ht 3dr = 2box+1file. .The product should be GREENPRO, SCS IAQ, GRIHA, BIFMA certified.	64.00	nos	43,737.98	2799230.72	INR Twenty Seven Lakh Ninety Nine Thousand Two Hundred Thirty & Paise Seventy Two Only

	A	B	D	E	F	BB	BC
279	12.33	Providing and placing panel & tile based modular workstation with KBPT, Pedestal and CPU trolley. Size of Modular Workstation shall be 1500 X 1500 with partition thickness of 52.4 mm thick and ht – 1200 including powder coated aluminum trims. Work top shall be pre laminate particle board ,`below the work top is also pre laminate particle board. The panel thickness comprises of 38mm (35 mm Minimum) thick paper honeycomb + 3mm MDF on each sides + 3.6mm thick line gap each side+ 0.6mm decorative laminate or fabric on both sides. Tiles: Combination of top tiles shall be fabric magnetic/fabric/fabric tack able /white board/glass writing board/ clear glass tile/ plain metal/ prelaminated tile.Bottom tiles: Plain metal/ fabric magnetic/fabric/laminated/prelaminated . SPLIT Tiles: Combination of two finishes for the top tiles on the user side shall be split fabric magnetic/fabric tack able/white board/prelaminated / plain metal along with split fabric magnetic/fabric trackable/white board/prelaminated/ plain metal. Intermediate blocks shall be given in fabric/DL + Fabric/DL finish. Wire Management - Wires shall be taken into the system through cable ducts from the junction boxes and it shall be carried up to the panels through concealed conduits inside the blocks. HALF SCREEN WITH FRAME - at intermediate position between 2 people and at the end above worktop in clear glass/fabric tack able /laminate/white board finish. Side panels or leas shall be 25 mm thick	21.00	nos	86,983.80	<b>1826659.80</b>	INR Eighteen Lakh Twenty Six Thousand Six Hundred Fifty Nine & Paise Eighty Only
280	12.34	Providing and placing in position panel & tile based modular workstation. Size of worktop shall be 1800mm W x 800mm D with partition thickness of 52.4 mm thick and height - 1200 including powder coated aluminum trims. Work top shall be pre laminate particle board ,`below the work top is also pre laminate particle board. The tiles on the top most frames shall be glass writing board/ clear glass tile. Bottom tiles shall be of Plain metal/ fabric magnetic / fabric / laminated /pre-laminated . The panel thickness comprises of 38mm (35 mm Minimum) thick paper honeycomb + 3.6mm thick line gap each side + 3mm MDF on each side + 0.6mm decorative laminate or fabric on both sides. Size of ERU shall be 1200mm W x 450mm D x 1200mm H .The uprights and horizontals shall be made of aluminum extrusion having average wall thickness of 1.2 mm & powder coated with epoxy- polyester powder. Particle board framing shall be used on outer boundary of these blocks as well as intermediately at certain locations forming conduit for passing cables. These blocks shall be located in the mid segment of the panels and can be provided with cutouts for mounting switch boxes (above or below the worktops). Top tiles must have variety of combinations. The fins along the depth shall be 22.8mm thick. Work surface shall be of 25 mm thick prelim particle board with flat PVC lipping edge banding. Brackets shall be made from 2mm thick CRCA steel. Pedestals with legs shall have flat metal front. free standing central	2.00	nos	1,08,443.18	<b>216886.36</b>	INR Two Lakh Sixteen Thousand Eight Hundred Eighty Six & Paise Thirty Six Only

	A	B	D	E	F	BB	BC
281	12.35	The overall size shall be 1200 x 450 x 1950 (WDH) mm. Top shall be made up of 18mm thick pre laminated particle board and Back shall be made up of 9 mm thick pre laminated particle board with 2mm PVC edge lipping, Shutters shall be made up of 18 mm thick pre laminated particle board. Edge: All exposed shall be sealed with 2mm thick PVC edge lipping. Locking facility should be provided for safe storage of documents. The prelaminated board used shall be of E1 norms	4.00	nos	27,767.76	111071.04	INR One Lakh Eleven Thousand Seventy One & Paise Zero Four Only
282	12.36	Providing and placing ALL WOOD SLIDING DOOR UNIT (SDU). size- 1200Wx1190Hx450D. Construction & Material shall be in Knockdown construction. Twin door with self-closing hinges of Wood shall be made from 18mm Thick Pre-Laminated Board. Aesthetically appealing recessed plastic handle shall be fitted on wooden Doors. 3-point locking mechanism shall be fitted on Wooden Door. Height wise Adjustable Shelf Mounting shall be provided. Wooden Top shall be made from Pre-Laminated Board of 25 mm thick. Skirting of 125 mm High shall be provided. Leveler Screw type adjustable Leveler with plastic base height shall be provided. Back Panel and Sides of the storage units shall be made of 18mm thick Pre-Laminated Particle Board. All partitions and side panels shall have levelled screws for adjustment in case of Uneven floor to take care of +/- 10mm of uneven flooring. The work shall be carried out as per guidance and instructions received from engineer in charge. OEM shall be ISO-9001:2015, ISO-14001:2015, ISO-45001:2018, BIFMA and AIOTA certified.	12.00	nos	18,747.84	224974.08	INR Two Lakh Twenty Four Thousand Nine Hundred Seventy Four & Paise Zero Eight Only
283	12.37	Providing in place of main table with overall size of table 1650 x 1650 x 750mm. The main table shall be of size 1650 x 750 x 750mm. The side unit shall be 900 x 500 x 750mm. The table is made of 25 mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. Soft closing access flap within-build power box are provided on work surface for wire management. The ERU top is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The modesty panel is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The understructure is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. The pedestal is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25 mm thick MDF one side pre-laminate board with 0.4 mm PVC membrane pressed on to top pedestal construction is BOX-BOX-FILE type which uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security	1.00	nos	77,314.78	77314.78	INR Seventy Seven Thousand Three Hundred Fourteen & Paise Seventy Eight Only

	A	B	D	E	F	BB	BC
284	12.38	The Back Unit shall be of dimensions 1650 x 500 x 750mm. It shall be made of 25mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. The Slide door unit is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Shutters have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Storage is provided with lock for security.	1.00	nos	55,044.64	<b>55044.64</b>	INR Fifty Five Thousand Forty Four & Paise Sixty Four Only
285	12.39	The cushioned seat assembly shall consists of seat outer(material-30% glass fiber nylon) and upholstered seat inner(material-polypropylene) with moulded polyurethane foam and polyster fabric. the net back should made up of back outer(material-glass fiber filled nylon) and back inner(material-PP) and upholstered using polyester mesh fabric with high tenacity yarn. Size of back shall be (W)-46.5cm, (H)-60.0cm & size of seat shall be (W)-51.0cm x (D)-49.0cm. The supprot spine should made up of high pressure die cast polished aluminium. Armrest is having two adjustment, Height(6+/-0.5cm) and depth(6+/-0.5cm). Height adjustment shall be provided in aluminium structure of armrest which is connected to aluminium back spine and is operated with button. Armtop is made up of PU molded over plastic inner. The mechanism shall be Active BioSynchro Mechanism. The mechanism of chair shall have following features:360 degree revolving type, Seat/Back tilt ratio of 1:2, Active Bio-Synchro mechanism, 5 position tilt limiter giving option of variable tilt angle to the chair. Front-Pivot for tilt with feet resting on ground and continious lumber support should ensure more comfort. The mechanism housing should made up of HPDC Aluminium and black powder coated. The chair shall be provided with pneumatic height adjustment which shall have stroke of 10.0 +/- 0.3 cm. The pedestal shall be made of die-cast polished aluminium. it shall be fitted with 5 nos twin wheel	1.00	nos	24,676.16	<b>24676.16</b>	INR Twenty Four Thousand Six Hundred Seventy Six & Paise Sixteen Only

	A	B	D	E	F	BB	BC
286	12.4	The cushioned seat assembly shall consists of seat outer(material-30% glass fiber nylon) and upholstered seat inner(material-polypropylene) with moulded polyurethane foam and polyster fabric. the net back should made up of back outer(material-glass fiber filled nylon) and back inner(material-PP) and upholstered using polyester mesh fabric with high tenacity yarn. Size of back shall be (W)-46.5cm, (H)-60.0cm & size of seat shall be (W)-51.0cm x (D)-49.0cm. The supprot spine should made up of high pressure die cast polished aluminium. Armrest is having two adjustment, Height(6+/-0.5cm) and depth(6+/-0.5cm). Height adjustment shall be provided in aluminium structure of armrest which is connected to aluminium back spine and is operated with button. Armtop is made up of PU molded over plastic inner. The mechanim shall be Active Bio Synchro Mechanism. The mechanism of chair shall have following features:360 degree revolving type, Seat/Back tilt ratio of 1:2, Active Bio-Synchro mechanism, 5 position tilt limiter giving option of variable tilt angle to the chair. Front-Pivot for tilt with feet resting on ground and continious lumber support should ensure more comfort. The mechanism housing should made up of HPDC Aluminium and black powder coated. The chair shall be provided with pneumatic height adjustment which shall have stroke of 10.0 +/- 0.3 cm. The pedestal shall be made of die-cast polished aluminium, it shall be fitted with 5 nos twin wheel supplying and placing in position Carreen table on the following specifications. 6 Seater PU Coated size shall be 1734 Width mm x 1175 Depth mm x 750 Height mm . Top shall be 25 mm thick base material shall be 25 mm MDF board . On top PU painting of minimum 2H hardness with 75% glass as per color chart .Combination color graphics on the centre . Brown Laminate on bottom specially profiled edges for comfort . The Understructure shall be having bend pipe structure of MS powder coated . Pipe dia 38 mm , 2 mm thick and it shall be fitted with top by SS machine screws . Legs shall be of MS powder coated and 38 mm dia. pipe legs are fixed with inderstructure and table top . Glide shall be of Plastic fixed at the understructure to prevent the damage of table top during stacking.	2.00	nos	22,786.98	45573.96	INR Forty Five Thousand Five Hundred Seventy Three & Paise Ninety Six Only
287	12.41		3.00	nos	38,490.42	115471.26	INR One Lakh Fifteen Thousand Four Hundred Seventy One & Paise Twenty Six Only
288	12.42	The seat and Back are made up of injection moulded high impact strength PolyPropylene polymer compound with indoor grade UV resistance. Seat size shall be 52.5cm x 53.2cm. Back size shall be 51.6cm x 40.5cm. The tubular welded frame is made of dia. 2.22cm x 0.12cm and 3.5cm x 1.5cm x 0.12cm stainless steel 202 grade tube. The rubes are buff polished to give shiny finish. The shoes and Amrest are made of high impacy strength PolyPropylene polyemr compound with indoor grade UV resistance and pressed and press fitted with tubular frame. The overall dimensions of the chair shall be 52.4cm x 55.8cm x 84.5cm. The seating height shall be 45.0cm.	18.00	nos	4,799.06	86383.08	INR Eighty Six Thousand Three Hundred Eighty Three & Paise Zero Eight Only

	A	B	D	E	F	BB	BC
289	12.43	Overall Size : Width :166cm Depth : 97.5cm Height : 93cm Seating Height : 46cmUpholstery: Material : Fabric PVC ,Shade : Ash Grey , Thickness : 1 mm Breaking Load (N) : Warp 1327 ,Weft 1228, Elongation at break (%) : Warp 27.5 Weft 34.6 .Colour Fastness to Rubbing (Dry/Wet) (scale 1- 5) : FrDarmy e= :4 Wet = 4 . Material : Combination of plywood and pine Wood . Plywood thickness : 12 mm (moisture resistance and termite free) Pinewood cross section ( without knots) .Moisture content : 10 -12 % Foam .Seat :Material : Slab stock foam , Density : Base 28 kg/m3 and super soft 32 kg/m3 at top .Back :Material : Slab stock foam, Density : Super soft foam of 32 kg/m3 .Mechanism at Headrest : Hittech make which can be adjusted at three levels . Webbing:Elastic belt with pocket spring of diameter 2mm .Legs : MS pipe with metallic powder coated	2.00	nos	53,123.60	<b>106247.20</b>	INR One Lakh Six Thousand Two Hundred Forty Seven & Paise Twenty Only
290	12.44	Overall size of 1200mm(L)x594mm(D)x411mm(H).Ultra-modern combination of wood and glass, specifically shaped and engineered to give it stability. Now, your drinks won't spill as easily in case of accidental tugs and yanks. • The Wenge finish of the coffee table is done with utmost care, making it a posh addition to your space. • Has multiple compartments to store books, magazines, or place decor items. A hidden compartment within can be used to store utility bills and keys.	1.00	nos	15,991.36	<b>15991.36</b>	INR Fifteen Thousand Nine Hundred Ninety One & Paise Thirty Six Only
291	12.45	Overall size of 600mm(L)x600mm(D)x450mm(H)Designed for the modern minimalist with a need for handy, compartmentalized storage. • Tabletop of durable, toughened glass with a digitally back-printed Skyline pattern creates a sleek, modern look. • A strong, knockdown construction built for longevity.	2.00	nos	11,606.48	<b>23212.96</b>	INR Twenty Three Thousand Two Hundred Twelve & Paise Ninety Six Only
292	12.46	Overall Size :Width : 137cm Depth : 92cm Height : 89cm Seating Height : 47.5cm THREAD : Nylon . Material Handling Data Sheet (MSDS) for Glue Standard of Plywood used: IS 303 Commercial Plywood , Thickness 12mm	2.00	nos	64,778.46	<b>129556.92</b>	INR One Lakh Twenty Nine Thousand Five Hundred Fifty Six & Paise Ninety Two Only
293	12.47	Overall Size :Width : 92cm Depth : 92cm Height : 89cm Seating Height : 47.5cm THREAD : Nylon . Material Handling Data Sheet (MSDS) for Glue Standard of Plywood used: IS 303 Commercial Plywood , Thickness 12mm	2.00	nos	51,701.70	<b>103403.40</b>	INR One Lakh Three Thousand Four Hundred Three & Paise Forty Only
294	12.48	Overall Size : Width : 120cm Depth : 60cm Height : 36.7cm Materials : All carcass panel are made of 18 mm prelaminated particle board with edge banding 1.5 mm thickness.Drawer bottom is made of .9 mm thick prelaminated particle board .Drawer front is made of 18 mm thick PU painted MDF . Legs : Rubber wood . Hardware : Hettich . Construction : Knock down .Finish : All 18 mm prelaminated particle board panels are Noce Versailles with walnut edge band. PU lamination is high gloss in Ecru shade .Packets : 1 nos . Materials : All carcass panel are made of 18 mm prelaminated particle board with edge banding 1.5 mm thickness. Hardware : Hettich . Construction : Knock down .Finish : • All 18 mm prelaminated particle board panels are Noce Versailles with walnut edge band . PU lamination is high gloss in Ecru shade .Packets : 1 nos	1.00	nos	19,394.48	<b>19394.48</b>	INR Nineteen Thousand Three Hundred Ninety Four & Paise Forty Eight Only

	A	B	D	E	F	BB	BC
295	12.49	Overall Size : Width : 60cm Depth : 60cm Height : 49.8cm Materials : All carcass panel are made of 18 mm prelaminated particle board with edge banding 1.5 mm thickness.Drawer bottom is made of .9 mm thick prelaminated particle board .Drawer front is made of 18 mm thick PU painted MDF . Legs : Rubber wood . Hardware : Hettich . Construction : Knock down .Finish : All 18 mm prelaminated particle board panels are Noce Versailles with walnut edge band. PU lamination is high gloss in Ecrú shade .Packets : 1 nos . Materials : All carcass panel are made of 18 mm prelaminated particle board with edge banding 1.5 mm thickness. Hardware : Hettich . Construction : Knock down .Finish : • All 18 mm prelaminated particle board panels are Noce Versailles with walnut edge band . PU lamination is high gloss in Ecrú shade .Packets : 1 nos	3.00	nos	5,878.76	17636.28	INR Seventeen Thousand Six Hundred Thirty Six & Paise Twenty Eight Only
296	13	<b>Electrical BOQ</b>					
297	13.01	<b>MAIN PANEL &amp; DISTRIBUTION BOARD</b>					
298	13.02	Supply,installation,testing and commissioning of 3phase and neutral 415V 4 wire free standing floor mounted indoor MV panel made out of 14 SWG sheet after seven tank process and painting with epoxy powder coating MV electrical panel shall be dust and vermin proof ,hinged and locable doors.The panel shall consist of suitable rating TPN bus bar at the rating of 0.8A /SQMM Supported by DMC/SMC insulator and color coded with heat shrinkable sleeves. Metering shall be provided as specified .The panel shall have short circuiting with standing capacity of minimum 36KA and consist of the switch gear as mentioned below .The panel shall got fabricated from manufacturer with CPRI test certificate .The panel shall be mounted on U channel including supply and fixing of the same. <b>(including Capacitor banks)</b>					
299	13.03	<b>Incoming</b>					
300	13.04	250 Amps 4P 36KA On Load change over switch. -1No.					
301	13.05	250 Amps 4P 36KA MCCB. -1No.					
302	13.06	Spreaders-1Set.					
303	13.07	Extended Rotary Operating Mechanism.-1Set					
304	13.08	<b>Metering</b>					
305	13.09	Digital V A F Meter with built in Selector Switch, CTs, CT shorting links, R/Y/B LED indicating lamps and control SP					
306	13.1	<b>Outgoing Section</b>					
307	13.11	63 Amps FP MCB_C curve -6Nos.					
308	13.12	80 Amps FP MCCB -1No.					
309	13.13	125Amps 4P25KA MCCB-3Nos.					
310	13.14	8 Step Automatic Power Factor Correction Relay (Digital)_1 No					
311	13.15	63 Amps TP MCB -3Nos.					

	A	B	D	E	F	BB	BC
312	13.16	32 Amps TP MCB -4No.					
313	13.17	10 kVAR AC3 Duty Contactor with 220 V AC Coil_3 Nos					
314	13.18	5 kVAR AC3 Duty Contactor with 220 V AC Coil_4 Nos					
315	13.19	ON / OFF LED Indicating Lamps _7Set					
316	13.2	Start / Stop Push Buttons_7Set					
317	13.21	A/M Selector Switch_1 No					
318	13.22	Control S/P MCB (2/4 A)_7 Nos					
319	13.23	Neutral Links_7 Nos					
320	13.24	Control Blocks_7 Nos					
321	13.25	Enclosure, 300A TPN 415V 50Hz Electrolytic grade AL conductor Busbar with 100% neutal& Non adhesive PVC insulated heat shrinkable sleeves, Internal Wiring, Terminals, etc.as required._1Set	1.00	SET	238783.00	<b>238783.00</b>	INR Two Lakh Thirty Eight Thousand Seven Hundred Eighty Three & Paise Zero Only
322	13.26	<b>Supplying the following MCCBs in sheet steel enclosure. For Ups Input &amp; Output</b>					
323	13.27	125A 4P MCCB in sheet steel enclosure surface mounted on the wall along with incoming & outgoing Cable Box, suitable for Termination of Aluminium / Copper Cable. <b>(For Ups Input )</b>	2.00	nos	13045.00	<b>26090.00</b>	INR Twenty Six Thousand Ninety & Paise Zero Only
324	13.28	<b>UPS Output panel</b>					
325	13.29	<b>Incoming</b>					
326	13.3	125 A 4P Onload changeover switch in sheet steel enclosure surface mounted on the wall along with incoming & outgoing Cable Box, suitable for Termination of Aluminium / Copper Cable.					
327	13.31	<b>Outgoing Section</b>					
328	13.32	80 Amps FP MCCB -3No.					
329	13.33	Spreaders-3Set.					
330	13.34	Extended Rotary Operating Mechanism.-3Set					
331	13.35	Enclosure, 200A TPN 415V 50Hz Electrolytic grade AL conductor Busbar with 100% neutal& Non adhesive PVC insulated heat shrinkable sleeves, Internal Wiring, Terminals, etc.as required. 1Set	2.00	SET	31309.00	<b>62618.00</b>	INR Sixty Two Thousand Six Hundred Eighteen & Paise Zero Only
332	13.36	<b>DISTRIBUTION BOARDS.</b>					
333	13.37	Supply , installation ,testing and commissioning of 'MCB double door Distribution Boards dust and vermin 'proof protected and AC supply operation including incoming MCB/ELCB/RCBO as per specifications and required capacity Neutral bar and Earth Terminal complete as required and installed in concealed in wall after necessary chase cutting with finishing /surface on wall including all fixing materials required.					
334	13.38	20Way TPN MCB DB with 125A 4P MCCB(36KA) as incoming and 60 nos (6-32A)SP MCB as outgoing.(For UPS DB)	2.00	Each	66023.00	<b>132046.00</b>	INR One Lakh Thirty Two Thousand Forty Six & Paise Zero Only
335	13.39	16Way TPN MCB DB(Vertical type) with 80A 4P MCCB(25KA) as incoming and 48 nos (6-32A-10KA )SP MCB as outgoing.(For LPDB)	2.00	Each	38904.00	<b>77808.00</b>	INR Seventy Seven Thousand Eight Hundred Eight & Paise Zero Only

	A	B	D	E	F	BB	BC
336	13.4	12Way TPN MCB DB(Vertical type) with 63A 4P RCCBas incoming and 36 nos (6-32A-10KA )SP MCB as outgoing.(ACDB)	2.00	Each	10500.00	<b>21000.00</b>	INR Twenty One Thousand & Paise Zero Only
337	13.41	8Way SPN MCB DB with 40A DP RCCBas incoming and 8 nos (16-20A-10KA )SP MCB as outgoing.(For Server)	2.00	Each	10857.30	<b>21714.60</b>	INR Twenty One Thousand Seven Hundred Fourteen & Paise Sixty Only
338	13.42	<b>CABELS / MAINS</b>					
339	13.43	Supply ,laying,testing and commisssoning of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores under ground PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Engineer-in-charge					
340	13.44	185 Sq.mm 3 1/2 core Aluminium cable	25.00	mtr.	2,833.00	<b>70825.00</b>	INR Seventy Thousand Eight Hundred Twenty Five & Paise Zero Only
341	13.45	35 Sq.mm 3 1/2 core Aluminium cable	50.00	mtr.	686.00	<b>34300.00</b>	INR Thirty Four Thousand Three Hundred & Paise Zero Only
342	13.46	1 6Sq.mm 4 core copper cable	50.00	mtr.	503.00	<b>25150.00</b>	INR Twenty Five Thousand One Hundred Fifty & Paise Zero Only
343	13.47	25Sq.mm 4 core copper cable	50.00	mtr.	612.00	<b>30600.00</b>	INR Thirty Thousand Six Hundred & Paise Zero Only
344	13.48	4 Sq.mm 3 core Copper cable (For AC Units)	300.00	mtr.	260.00	<b>78000.00</b>	INR Seventy Eight Thousand & Paise Zero Only
345	13.49	Supply & fixing of end termination for above mentioned cables including compressed type brass glands, crimping type coper lugs, insulation tape etc. as 'required complete with earthing of glands in following sizes					
346	13.5	185 Sq.mm 3 1/2 core Aluminium cable	2.00	nos	875.00	<b>1750.00</b>	INR One Thousand Seven Hundred Fifty & Paise Zero Only
347	13.51	35 Sq.mm 3 1/2 core Aluminium cable	4.00	nos	369.00	<b>1476.00</b>	INR One Thousand Four Hundred Seventy Six & Paise Zero Only
348	13.52	1 6Sq.mm 4 core copper cable	4.00	nos	309.00	<b>1236.00</b>	INR One Thousand Two Hundred Thirty Six & Paise Zero Only
349	13.53	25Sq.mm 4 core copper cable	4.00	nos	315.00	<b>1260.00</b>	INR One Thousand Two Hundred Sixty & Paise Zero Only
350	13.54	4 Sq.mm 3 core Copper cable (For AC Units)	60.00	nos	493.00	<b>29580.00</b>	INR Twenty Nine Thousand Five Hundred Eighty & Paise Zero Only
351	13.55	<b>WIRING</b>					
352	13.56	Point wiring for light point /Fan/Exhaust Fan point/ call bell point using 2 runs of 1100 V grade 1.5 sqmm & one run of 1.5 sq.mm FRLS insulated multistranded copper wires, in & including 25 mm dia , MS conduit surface/ concealed in wall / ceiling conferring to IS 732 including all accessries such as junction boxes , conduit bends, elbows and ceiling rose , and anodised GI switch box with modular switch ,modular plate and the box covered with front plate					
353	13.57	One light point controlled by one 6A switch	105.00	Per Pts	1,845.00	<b>193725.00</b>	INR One Lakh Ninety Three Thousand Seven Hundred Twenty Five & Paise Zero Only
354	13.58	Secondary light point controlled by same switch	160.00	Per Pts	1,094.00	<b>175040.00</b>	INR One Lakh Seventy Five Thousand Forty & Paise Zero Only
355	13.59	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor,					
356	13.6	2x1.5sqmm+1x1.5sqmmearth wire	1,650.00	Per mtr.	327.00	<b>539550.00</b>	INR Five Lakh Thirty Nine Thousand Five Hundred Fifty & Paise Zero Only
357	13.61	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	1,800.00	Per mtr.	369.00	<b>664200.00</b>	INR Six Lakh Sixty Four Thousand Two Hundred & Paise Zero Only
358	13.62	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	800.00	Per mtr.	428.00	<b>342400.00</b>	INR Three Lakh Forty Two Thousand Four Hundred & Paise Zero Only
359	13.63	Exhaust fan point including of ceiling rose near fan.	3.00	Per Pts	1,845.00	<b>5535.00</b>	INR Five Thousand Five Hundred Thirty Five & Paise Zero Only
360	13.64	Wiring for twin control point wiring using 1.5 sqmm copper conductor FRLS PVC insulated copper conductor cable drawn through 25 dia MS conduit laid in surface/concealed over false ceiling or in slab/wall chases including ,2way modular switches,modular plate ,suitable GI box and earthing the point with 1.5 sqm FRLS PVC insulated copper conductor single core cable as required	8.00	Per Pts	1,981.00	<b>15848.00</b>	INR Fifteen Thousand Eight Hundred Forty Eight & Paise Zero Only
361	13.65	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
362	13.66	5/6 A switch	20.00	Each	103.00	<b>2060.00</b>	INR Two Thousand Sixty & Paise Zero Only
363	13.67	15/16 A switch	30.00	Each	156.00	<b>4680.00</b>	INR Four Thousand Six Hundred Eighty & Paise Zero Only
364	13.68	3 pin 5/6 A socket outlet	20.00	Each	122.00	<b>2440.00</b>	INR Two Thousand Four Hundred Forty & Paise Zero Only
365	13.69	6 pin 15/16 A socket outlet	30.00	Each	197.00	<b>5910.00</b>	INR Five Thousand Nine Hundred Ten & Paise Zero Only
366	13.7	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.					

	A	B	D	E	F	BB	BC
367	13.71	3 Module (100mmX75mm)	30.00	Each	327.00	<b>9810.00</b>	INR Nine Thousand Eight Hundred Ten & Paise Zero Only
368	13.72	6 Module (200mmX75mm)	15.00	Each	402.00	<b>6030.00</b>	INR Six Thousand Thirty & Paise Zero Only
369	13.73	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.					
370	13.74	3 Module	30.00	Each	151.00	<b>4530.00</b>	INR Four Thousand Five Hundred Thirty & Paise Zero Only
371	13.75	6 Module	15.00	Each	182.00	<b>2730.00</b>	INR Two Thousand Seven Hundred Thirty & Paise Zero Only
372	13.76	Supplying and 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.	50.00	Meter	47.00	<b>2350.00</b>	INR Two Thousand Three Hundred Fifty & Paise Zero Only
373	13.77	Supply and fixing of following sizes of <b>MS conduit along with</b> accessories in surface /recess including painting in case of surface conduit,or cutting the wall and making good the same in case of recessed conduit as required					
374	13.78	25mm dia	100.00	Meter	256.00	<b>25600.00</b>	INR Twenty Five Thousand Six Hundred & Paise Zero Only
375	13.79	Supply and fixing of 3 nos. 6A socket with 6M modular GI box, base plate and cover plate below worktop, along with 1no. 6A socket, 1 no. 6A switch and 1 no. 16A switch(for 3 nos. sockets) in 4M modular GI box, base plate and cover plate above worktop complete as per drawings and instructions of engineer in charge.	98.00	Set	1,832.00	<b>179536.00</b>	INR One Lakh Seventy Nine Thousand Five Hundred Thirty Six & Paise Zero Only
376	13.8	<b>LIGHTING FIXTURES</b>					
377	13.81	SITC of 2'X2' recessed mounted Luminaire with Maximum 36 Watt with Lumen output of 3600 lumen. The product should be SMD based and have non integral isolated driver with 2KV inbuilt surge protection. THD<10%, PF >0.9,Product should have life class of 50K burning hour at L70 B50 parameter, Luminiare operating temp 0 D to 45D. Internal wiring should have teflon coted multi strand wires and external wire should have PVC coated multistrand wires.	4.00	Nos.	5,725.00	<b>22900.00</b>	INR Twenty Two Thousand Nine Hundred & Paise Zero Only
378	13.82	SITC of 15W Recess type IP40 LED Round shaped Downlighter fitting made of Aluminum Pressure die cast housing duly powder coated and opal diffusser, having CCT range 5700K, system efficacy ≥ 110lm/W (not LED Chip efficacy), CRI≥80, SDCM < 3, Mimimum System Ouput ≥ 1650 Lumens, useful life of 50,000 hrs at L70 & driver having isolated constant current topology with PF ≥ 0.95, THD<10%, Operating voltage range: 100-265V AC and Surge Protection of 2.5KV suitable for installation on the false ceiling including connection with 3X1.5 sq.mm FRLS PVC insulated copper conductor,earthing etc complete as required. The LED fitting must have the embossed/engraved logo the approved make (fittings with stickers shall not be approved). BIS Certificate issued to the approved make along with LM79 report from NABL lab must be shared at the time of supply. Cut-out dimension: ø145 ± 2mm, Fixture dimension: ø159 X 39mm (±2mm), Weight:	80.00	Nos.	2,056.00	<b>164480.00</b>	INR One Lakh Sixty Four Thousand Four Hundred Eighty & Paise Zero Only
379	13.83	SITC of Extruded Aluminium suspended/ surface mounted 36Watt, 4000 lumen LED batten with PC Diffuser and Spring Steel Clamps for Surface Mounting arrangement. Driver THD<15%, PF >0.9,with 2KV inbuilt surge protection. Internal wiring should have teflon coted multi strand wires and external wire should have PVC coated multistrand wires.	8.00	Nos.	2,402.00	<b>19216.00</b>	INR Nineteen Thousand Two Hundred Sixteen & Paise Zero Only

	A	B	D	E	F	BB	BC
380	13.84	Supply, Installation, Testing and Commisioning of linear/curvilinear suspended /surface/Recessed High Efficiency 16-18W per meter Suspended LED Channel, Body made of Aluminium and Opal Diffuser with homogeneous light distribution and without hotspots. Color Temperature 3000K/4000K/5700K, CRI>80, IP20, IK04, operating voltage range 140-270Vac, operating temperature -10° to 45°C, PF>0.95, THD<10%, product efficacy>110lm/W, SDCM<5, L70B50@50000hrs, LED binning as per ANSI Bin C78.377A, 110° shall be luminaire beam angle, drivers efficiency >86%, internal surge protection of >3.5kV, The manufacturer shall provide LM79, LM80, TM21, Photobiological safety as per IEC 62471, RoHS complaint, BIS both for fixture and drivers. The cost to include all connectors and accessories required to install in the lights in formations as per approved drawings and instructions of engineer-in-charge/ architect.	105.00	RMT	8,424.00	884520.00	INR Eight Lakh Eighty Four Thousand Five Hundred Twenty & Paise Zero Only
381	13.85	Providing & Fixing Coverings (Ceiling & Wall) Made out of Polyester Kintted fabric Coated with polyurethane (PU). The Fibric width 2m,3m,4.1m,&5.1m with Weight of 200gm/m^2. thickness of 0.3mm. The appearance of fabric is Matl. smooth and uniform with blance color and lighth transmission of 50%. The tear strength of fabric should be accordance to CH. 4.5daN; TR: 6.5 daN. The fire Railing should be accordance to B-S1, do. The febric should be humidity ressistant and free of cercinogenic substance (CMR) or volatile organic compounds (VOC's). At lableing in accordance with the French decree no, 2011- 321, Oeko -Tex standar100 certified. The fabric should be paintabe/printable with approved manufacturer guidelines with 10-year manufacture guarantee. the Installation of fabric should be dry installation 7done at room tamperature using CLIPSO PVC, ASB tension profiles P.CC/P-C10QS/P-C11QS/P-CCB022/P-B1/P-CC1P. There are several lighting options available including various LED options and fluorescent lighting. When Positioned properly. LED Lighting modules provide an even light flow, casting no shadows or hot spots. coverings are used for a variety of aluminated applications, including but not limited to walls, ceiling, lightboxs or wall frames. coverings can enhance your door with a variety of spacial effects fiber optics or changinglights, or create a statement piece incorporating custom printing. The cost of electrical cove light fixtures is included in the same.	9.00	Sqm	12,315.00	110835.00	INR One Lakh Ten Thousand Eight Hundred Thirty Five & Paise Zero Only
382	13.86	Providing & Fixing Heavy Duty 4 Blade, 15" Exhuast Fan complete with all hardware and connectors etc., as per the direction of the engineer In charge	3.00	each	3,557.00	10671.00	INR Ten Thousand Six Hundred Seventy One & Paise Zero Only
383	13.87	SITC of 7W Recessed Fixed LED Spotlight, Body made of high grade di-cast Aluminium, System Power 7W, 230V, CRI>80, Dia- 68mm X 65 H mm, cut out Dia 60mm color temperature 3000K/4000K/5700K, Hi- Precision optics with Beam Angle 15°/24°/36°, IP20, IK02, operating voltage range 140-270Vac, operating temperature -10° to 45°C, PF>0.95, THD<10%, product efficacy>100lm/W, SDCM<5, L70B50@50000hrs, LED binning as per ANSI Bin C78.377A, drivers efficiency >86%, internal surge protection of >2kV. The manufacturer shall provide LM79, LM80, TM21, Photobiological safety as per IEC 62471, RoHS complaint, BIS both for fixture and drivers	40.00	each	2,125.00	85000.00	INR Eighty Five Thousand & Paise Zero Only
384	13.88	<b>PASSIVE NETWORK SYSTEM</b>					
385	13.89	Supply, Installation, Testing & Commissioning of LED 24 Port loaded Cat 6 Jack Panel, Staggered 24 Port panel with All port LED in 1U Rack Unit, Copper Alloyed Contact Material, EIA 568A/B wired, PC + glass fiber, UL 94V-0, black color, Front Port Labeling, 22-24 AWG Wire Accumulation etc. complete as required.	5.00	Each	9,500.00	47500.00	INR Forty Seven Thousand Five Hundred & Paise Zero Only

	A	B	D	E	F	BB	BC
386	13.9	Supply, Installation, Testing & Commissioning of dual face plate having provision for one I/O along with spring type shutter for dust proof, made of ABS PVC plastic etc. complete as required.	120.00	Each	259.00	31080.00	INR Thirty One Thousand Eighty & Paise Zero Only
387	13.91	Supply, Installation, Testing & Commissioning of single face plate having provision for one I/O along with spring type shutter for dust proof, made of ABS PVC plastic etc. complete as required.	60.00	Meter	196.00	11760.00	INR Eleven Thousand Seven Hundred Sixty & Paise Zero Only
388	13.92	Supply, Installation, Testing & Commissioning of CAT 6 Information Outlet, Universal label permits T568A or B wiring, UL® Listed, meets all TIA and ISO requirements Complete in all respect as required by the site etc. complete as required.	120.00	Meter	325.00	39000.00	INR Thirty Nine Thousand & Paise Zero Only
389	13.93	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.					
390	13.94	1 run of cable	3,200.00	P/Mtr.	57.00	182400.00	INR One Lakh Eighty Two Thousand Four Hundred & Paise Zero Only
391	13.95	Supply, Installation, Testing & Commissioning of CAT 6 Patch Cord LSZH 1 Mtr, 4 pair 26 AWG stranded copper wire, Pre-terminated with RJ45 plugs, Slim clear anti-slag slip on boots, Suitable for EIA 568A or 568B wiring, UL® Listed, meets all TIA and ISO requirements. Complete in all respect as required by site completion etc. complete as required.	120.00	Each	400.00	48000.00	INR Forty Eight Thousand & Paise Zero Only
392	13.96	Supply, Installation, Testing & Commissioning of CAT 6 Patch Cord LSZH 2 Mtr, 4 pair 26 AWG stranded copper wire, Pre-terminated with RJ45 plugs, Slim clear anti-slag slip on boots, Suitable for EIA 568A or 568B wiring, UL® Listed, meets all TIA and ISO requirements. Complete in all respect as required by site completion etc. complete as required.	120.00	Each	510.00	61200.00	INR Sixty One Thousand Two Hundred & Paise Zero Only
393	13.97	Supply, Installation, Testing & Commissioning of 6 Core Armoured single Mode Fiber optic cable, Central Lose Tube With Jelly Compound, Corrugated steel tape armoured, Heaving 1300 nm Wavelength in the existing surface/ recessed Steel/ PVC conduit etc. complete as required.	100.00	Mtrs.	267.00	26700.00	INR Twenty Six Thousand Seven Hundred & Paise Zero Only
394	13.98	Supply, Installation, Testing and Commissioning of single Mode fiber SC-LC Duplex patch cord of 2 Mtrs. for Gigabit Connection between Patch Panel and Switch etc. complete as required.	10.00	Each	5,322.00	53220.00	INR Fifty Three Thousand Two Hundred Twenty & Paise Zero Only
395	13.99	Supply, Installation, Testing & Commissioning of Horizontal cable manager etc. complete as required.	5.00	Each	626.00	3130.00	INR Three Thousand One Hundred Thirty & Paise Zero Only
396	14	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
397	14.01	20 mm	50.00	P/Mtr.	128.00	6400.00	INR Six Thousand Four Hundred & Paise Zero Only
398	14.02	25 mm	1,000.00	P/Mtr.	145.00	145000.00	INR One Lakh Forty Five Thousand & Paise Zero Only
399	14.03	Supply, Installation, Testing & Commissioning of LED 24 Port loaded Cat 6 Jack Panel, Staggered 24 Port panel with All port LED in 1U Rack Unit, Copper Alloyed Contact Material, EIA 568A/B wired, PC + glass fiber, UL 94V-0, black color, Front Port Labeling, 22-24 AWG Wire Accumulation etc. complete as required.	5.00	Each	15,800.00	79000.00	INR Seventy Nine Thousand & Paise Zero Only
400	14.04	Supply, Installation, Testing & Commissioning of CAT 6 Patch Cord LSZH 1 Mtr, 4 pair 26 AWG stranded copper wire, Pre-terminated with RJ45 plugs, Slim clear anti-slag slip on boots, Suitable for EIA 568A or 568B wiring, UL® Listed, meets all TIA and ISO requirements etc. complete as required.	120.00	Each	408.00	48960.00	INR Forty Eight Thousand Nine Hundred Sixty & Paise Zero Only
401	14.05	Supply, Installation, Testing & Commissioning of CAT 6 Patch Cord LSZH 2 Mtr, 4 pair 26 AWG stranded copper wire, Pre-terminated with RJ45 plugs, Slim clear anti-slag slip on boots, Suitable for EIA 568A or 568B wiring, UL® Listed, meets all TIA and ISO requirements etc. complete as required.	120.00	Each	560.00	67200.00	INR Sixty Seven Thousand Two Hundred & Paise Zero Only

	A	B	D	E	F	BB	BC
402	14.06	Supply, Installation, Testing & Commissioning of CAT 6 Information Outlet, Universal label permits T568A or B wiring, UL® Listed, meets all TIA and ISO requirements etc. complete as required.	120.00	Each	362.00	<b>43440.00</b>	INR Forty Three Thousand Four Hundred Forty & Paise Zero Only
403	14.07	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.					
404	14.08	1 run of cable	3,000.00	P/Mtr.	57.00	<b>171000.00</b>	INR One Lakh Seventy One Thousand & Paise Zero Only
405	14.09	Supply, Installation, Testing & Commissioning of 6 Core Armoured single Mode Fiber optic cable, Central Lose Tube With Jelly Compound, Corrugated steel tape armoured, Heaving 1300 nm Wavelength in the existing surface/ recessed Steel/ PVC conduit etc. complete as required.	50.00	Mtrs.	270.00	<b>13500.00</b>	INR Thirteen Thousand Five Hundred & Paise Zero Only
406	14.1	Supply, Installation, Testing and Commissioning of single Mode fiber SC-LC Duplex patch cord of 2 Mtrs. for Gigabit Connection between Patch Panel and Switch etc. complete as required.	10.00	Each	5,322.00	<b>53220.00</b>	INR Fifty Three Thousand Two Hundred Twenty & Paise Zero Only
407	14.11	Preparation of complete set of MEP drawings including details. A qualified professional for the purpose shall be appointed after due approval from Engineer In Charge.	1.00	Nos	4,79,621.26	<b>479621.26</b>	INR Four Lakh Seventy Nine Thousand Six Hundred Twenty One & Paise Twenty Six Only
408	14.12	Supply, Installation, Testing & Commissioning of Horizontal cable manager etc. complete as required.	10.00	Each	626.00	<b>6260.00</b>	INR Six Thousand Two Hundred Sixty & Paise Zero Only
409	14.13	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
410	14.14	20 mm	100.00	P/Mtr.	128.00	<b>12800.00</b>	INR Twelve Thousand Eight Hundred & Paise Zero Only
411	14.15	25 mm	250.00	P/Mtr.	145.00	<b>36250.00</b>	INR Thirty Six Thousand Two Hundred Fifty & Paise Zero Only
412	14.16	<b>CABLE TRAY.&amp; RACE WAY.</b>					
413	14.17	Supply, fabrication and fixing of steel frame work in position for cable tray/Panels fabricated out of 10 mm dia GI rods,					
414	14.18	Supply and fixing of <b>Perforated type</b> 2mm thick Hot dip Galvanised G.I. cable tray of following sizes complete with					
415	14.19	150 mm wide 50 mm depth.	30.00	RM	1,186.00	<b>35580.00</b>	INR Thirty Five Thousand Five Hundred Eighty & Paise Zero Only
416	14.2	300 mm wide 50 mm depth.	30.00	RM	1,708.00	<b>51240.00</b>	INR Fifty One Thousand Two Hundred Forty & Paise Zero Only
417	14.21	<b>GI Raceway &amp; Junction boxes ( Raceway on floor shall be of aluminium only)</b>					
418	14.22	Providing and fixing 2 mm thick steel sheet factory fabricated post galvanized raceway with internal partition/compartimentized of the following sizes including providing removable 3 mm thick GI cover, knock out holes and fixing accessories earthing with 8 SWG copper earth wire complete as required including floor supports, bends, access boxes, tap off boxes and cross over as per specification and site requirement. <b>(overhead / wall mounted recovery &amp; function boxes shall be 1.6 mm thick)</b>					
419	14.23	300 mm wide x 38 mm deep raceway	40.00	RM	2,476.00	<b>99040.00</b>	INR Ninety Nine Thousand Forty & Paise Zero Only
420	14.24	225 mm wide x 38 mm deep raceway	50.00	RM	2,074.00	<b>103700.00</b>	INR One Lakh Three Thousand Seven Hundred & Paise Zero Only
421	14.25	150 mm wide x 38 mm deep raceway	60.00	RM	1,490.00	<b>89400.00</b>	INR Eighty Nine Thousand Four Hundred & Paise Zero Only
422	14.26	100 mm wide x 38 mm deep raceway	40.00	RM	1,109.00	<b>44360.00</b>	INR Forty Four Thousand Three Hundred Sixty & Paise Zero Only
423	14.27	Fabricating, supplying & installation on surface/ recess 2.0 mm thick factory fabricated GI Sheet raceways height 50 mm and of totally enclosed with 2 mm thick covered. Two lengths of raceways and junction box shall be joined together to make it dust proof. Chipping and removing screed to install the junction box in floor, including removal and disposing of debris / fixing in ceiling along with suspender and accessories as per instruction of Engineer in charge					
424	14.28	350 mm (wide) x 350 mm (length) X 50 mm (height)	5.00	Nos.	2,359.56	<b>11797.80</b>	INR Eleven Thousand Seven Hundred Ninety Seven & Paise Eighty Only
425	14.29	250 mm (wide) x 300 mm (length) X 50 mm (height)	5.00	Nos.	1,990.13	<b>9950.65</b>	INR Nine Thousand Nine Hundred Fifty & Paise Sixty Five Only
426	14.3	200 mm (wide) x 200 mm (length) X 50 mm (height)	15.00	Nos.	1,580.05	<b>23700.75</b>	INR Twenty Three Thousand Seven Hundred & Paise Seventy Five Only
427	14.31	150 mm (wide) x 150 mm (length) X 50 mm (height)	15.00	Nos.	1,359.94	<b>20399.10</b>	INR Twenty Thousand Three Hundred Ninety Nine & Paise Ten Only

	A	B	D	E	F	BB	BC
428	14.32	<b>UPS SYSTEM</b>					
429	14.33	<b>20 kVA UPS with 15 minute backup</b>					
430	14.34	Supply, unloading, shifting, installation, testing & commissioning of micro processor controlled following rating UPS capable of operating in parallel redundant mode so that if any one UPS fails the other can supply 100% load, IGBT based rectifier to achieve input THDI < 4% and input power factor of greater than 0.99 at 100% loading with 3 level Inverter Topology. True Online Double Conversion (VFI as per IEC 62040-3) UPS using PWM IGBT technology , 3 Phase input and 3 phase 415 V output UPS system; and comprising of the following complete as required and as per specification:	1.00	set	5,08,215.62	<b>508215.62</b>	INR Five Lakh Eight Thousand Two Hundred Fifteen & Paise Sixty Two Only
431	14.35	20kVA					
432	14.36	Fully rated Rectifier cum charger unit and 100% rated Invertor unit Integrated in UPS module.					
433	14.37	Fully rated Inbuilt static switch at the inverter output and 100% rated Inbuilt static switch at the static bypass line integrated in UPS module.					
434	14.38	Web-enabled Monitoring and Management through SNMP protocols for multi-OS environments with below features.					
435	14.39	Giving notifications like e-mail, paging notification, broadcast notification, battery replacement notification, run event-based scripts.					
436	14.4	Event logging, data logging and action logging (with date, time, description of fault and event).					
437	14.41	Fully rated Inbuilt Maintenance Bypass Switch for the continuous operation of the load during maintainance.					
438	14.42	Local notification through audible alarm.					
439	14.43	Fully rated Battery Circuit Breaker with under voltage coil & deep discharge protection to the batteries.					
440	14.44	One time cost of replacement of PCBs to be considered, in case conformal coated PCBs are not available . (Vendor to specify the cost considered)					
441	14.45	Battery Banks comprising of Valve Regulated Lead Acid Sealed Maintenance Free batteries of minimum 5years design life to provide 15 minutes backup at 20kVA ,0.9PF, ECV=1.7V with each UPS. Minimum VAH required with each UPS 11232 VAH .The batteries shall be installed on shelves of rack for quick replacement and servicing. The temperature sensor shall be provided in the battery section for temperature compensated charging. The bank of batteries shall comprise of required numbers of batteries connected in series.  Vendor to provide complete details of make of Batteries, ampere hour ratings, no. of Batteries, Expected life, Final discharge voltage, Nominal float voltage, Battery recharge time & configuration of back up time, Battery sizing					
442	14.46	Supply, unloading, installation, testing & commissioning of open type MS racks including top fully cover to protect from falling object to house SMF batteries for 30 kVA UPS system along with suitable interconnecting links, moulded case circuit breaker having lthermal, lmagnetic & automatic U/V trip mechanics for Battery Banks etc. complete as required & as per specifications					
443	14.47	UPS Testing with External Load Banks (To be provided by vendor) for 8 hours at full load shall be included in the offer incase Phantom Loading feature as specified in the data sheet is not available in the UPS.					
444	14.48	Supply, laying, testing & commissioning of flexible single core copper cable for interconnections between UPS to UPS, UPS to batteries( 10 m) , complete as required for each UPS.					

	A	B	D	E	F	BB	BC
445	14.49	Supply, Installation, Testing and Commissioning of <b>5KVA</b> True Online double conversion VFI technology, High Frequency PWM using IGBT technology, 1 phase AC Input & 1phase AC Output UPS. Input range should be 180 VAC-260 VAC. Provisions for maintenance by pass switch module. Microprocessor based LCD display & indication for various electrical parameters. LED indication with alarm for major fault. <b>BATTERY BANK</b> Supply, Installation, Testing and Commissioning of <b>12V</b> Monoblock suitable size and nos of sealed maintenance free batteries supporting for <b>5KVA UPS</b> System for providing 90 minutes back up time with each UPS at full load with interconnecting leads, mounting racks/stands for stacking the					
446	14.5	batteries, along with Battery Circuit Breaker, Connection, Interconnections, and standard accessories etc. complete as reqd. <b>1 Set = One Complete UPS + One Battery Bank of 90 minutes backup.</b>	3.00	Each	1,97,667.17	<b>593001.51</b>	INR Five Lakh Ninety Three Thousand One & Paise Fifty One Only
447	15	<b>ACCESS CONTROL SYSTEM</b>					
448	15.01	Supply, Installation, Testing & Commissioning of SCOSTA Based with 1 SAM Slot 4 Door Intelligent Access Control Controller vthrough Master/Slave Architecture(optional), TCP/IP, IPV6, SNMP V3 ,200,000 card holder capacity, 200,000 transactions buffer, 32 acess levels per card holder, OSDP Secure Channel, Supports 2 Doors, 4 Readers (OSDP) per controller (IN/OUT Reader Combination), Integration with Fire Alarm System, Integration with Fire Alarm System, Open Architecture - supports Multiple OEM Software, Supports downstream readers via cable, UL Listed. as per specifications of this tender etc complete as required and directions of Engineer-in-Charge. Controller shall be installed inside ELV rooms & Utility Buildings including all accessories complete as per specification/drawings and as directed by Engineer In Charge.	5.00	Each	65,000.00	<b>325000.00</b>	INR Three Lakh Twenty Five Thousand & Paise Zero Only
449	15.02	Access Control System Software :- Enterprise version Server software with Time attendance management system as per specification with client version. Supply, installation, testing and commissioning of Access Control System Server Software consisting of Access Control system, Visitor management with all employee visitor license, Elevator Control, Guard Tour Management , Mantrap, Alarm Document, Alarm management, 3 client License, Graphical layout, Card Enrolment, Badge designing..All these along with high end security features consist in single package with an option to integrate with CCTV sub system (License based ), VAPT and ISO Certified as per specifications of this tender etc complete as required and directions of Engineer-in-Charge	1.00	Each	10,42,210.62	<b>1042210.62</b>	INR Ten Lakh Forty Two Thousand Two Hundred Ten & Paise Sixty Two Only
450	15.03	Supply, Installation,Testing & Commissioning of Smart Card Reader 13.56 MHz Credential as per specification Card Range:7 to10cm suitable for mounting on metal surface/metal frames/ wooden frames / wall or as required based on site conditions including all accessories complete as per specification/drawings and as directed by Engineer In Charge. In case of SAM based SCOSTA Smart Card Reader - Minimum 1 SAM slot shall be provided.	5.00	Each	17,680.00	<b>88400.00</b>	INR Eighty Eight Thousand Four Hundred & Paise Zero Only

	A	B	D	E	F	BB	BC
451	15.04	Supply, Installation, Testing & Commissioning of Biometric - cum- Smart card Reader supporting up to three-factor authentication. Support card/biometric fingerprint, card/PIN or card/fingerprint/PIN. 13.56 MHz Credential Compatibility. Operating Temperature -10° to 50° C; Operating Humidity : 5% to 95% relative humidity non- condensing. ANSI-378 template stored on smart card credential and verified on reader. Suitable for mounting on metal surface/metal frames/ wooden frames / wall or as required based on site conditions including all accessories complete as per specification/drawings and as directed by Engineer In Charge. Certification : BIS, CE, FCC In case of SAM based SCOSTA Smart Card Reader - Minimum 1 SAM slot shall be provided.	2.00	Each	67,670.00	135340.00	INR One Lakh Thirty Five Thousand Three Hundred Forty & Paise Zero Only
452	15.05	OEM Programmed Unprinted 37 bit Smart Cards.AES-128 bits cryptographic algorithms for data protection. Supports ISO/IEC standards: 7810, 7816 and contactless cards (14443 A) complete as per specification and as directed by Engineer In Charge.- In case of SAM based SCOSTA Smart Card Reader - Smart card must have "SCOSTA CL OS and 64KB of memory"	100.00	Each	260.00	26000.00	INR Twenty Six Thousand & Paise Zero Only
453	15.06	Supply, Installation, Testing and Commissioning of Access Control Server with Windows 10 Pro OS, SQL Database along with MS.Office Intel® Core™ i7- 10700 (16 MB cache, 8 cores, 16 threads, 2.90 to 4.80 GHz Turbo, 65W), 8 GB, 1 x 8 GB, DDR4, 3200 MHz, Intel® Integrated Graphics, 3.5 inch 1TB 7200 RPM Hard Disk Drive, 64 MB cache, 4 GB AGP Graphics Card, Windows 10 OS Professional 64bit or above etc, Keyboard and Mouse as per the requirement of the surveillance system complete	1.00	Each	4,86,952.00	486952.00	INR Four Lakh Eighty Six Thousand Nine Hundred Fifty Two & Paise Zero Only
454	15.07	Supply, Installation, Testing and Commissioning of Electro Magnetic Lock, Lock Status Monitoring through LED, Low Energy Consumption, Electroless Nickel (EN) Plated Armature Plate, 12/24V Selectable, Anodized Aluminium Housing, CE Compliance, Ideal for all door type.					
455	15.08	Single leaf Door	2.00	Each	10,691.00	21382.00	INR Twenty One Thousand Three Hundred Eighty Two & Paise Zero Only
456	15.09	Double leaf Door	3.00	Each	18,540.00	55620.00	INR Fifty Five Thousand Six Hundred Twenty & Paise Zero Only
457	15.1	Providing & Laying of Armored, PVC insulated and PVC shiethed AB Copper Shielded Flexible Cable on existing wall surface etc. complete as reqd.					
458	15.11	8 C x 0.75 Sq. mm	150.00	P/Mtr.	458.00	68700.00	INR Sixty Eight Thousand Seven Hundred & Paise Zero Only
459	15.12	4 C x 0.75Sq. mm	150.00	P/Mtr.	245.00	36750.00	INR Thirty Six Thousand Seven Hundred Fifty & Paise Zero Only
460	15.13	Supply, Installation, Testing and Commissioning of Green ABS plastic Emergency glass break Units etc. complete as reqd.	4.00	each	3,461.00	13844.00	INR Thirteen Thousand Eight Hundred Forty Four & Paise Zero Only
461	15.14	Supply, Installation, Testing and Commissioning of Magnetic contacts for all access doors (one for each single leaf door and two for each double leaf doors) etc. complete as reqd.	8.00	each	2,325.00	18600.00	INR Eighteen Thousand Six Hundred & Paise Zero Only
462	15.15	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.					
463	15.16	1 run of cable	100.00	P/Mtr.	57.00	5700.00	INR Five Thousand Seven Hundred & Paise Zero Only
464	15.17	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
465	15.18	20 mm	80.00	P/Mtr.	128.00	10240.00	INR Ten Thousand Two Hundred Forty & Paise Zero Only



	A	B	D	E	F	BB	BC
466	16	<b>FA &amp; PA SYSTEM</b>					
467	16.01	Supplying, installation, testing and commissioning of micro processor based intelligent addressable main fire alarm panel, central processing unit with the following loop modules and capable of supporting not less than 240 devices (including detectors) and minimum 120 detectors per loop and loop length up to 2 km, network communication card, minimum 320 character graphics/ LCD display with touch screen or other keypad and minimum 4000 events history log in the non volatile memory (EPROM), power supply unit (230 ± 5% V, 50 hz), 48 hrs back-up with 24 volt sealed maintenance free batteries with automatic charger. The panel shall have facility to connect printer to printout log and facility to have seamless integration with analog/digital voice evacuation system (which is part of the schedule of work under SH: PA System) and shall be complete with all accessories . The panel shall be compatible for IBMS system with open protocol BACnet/ Modbus over IP complete as per specifications.					
468	16.02	Two Loop Panel.	1.00	Pcs	2,39,225.00	<b>239225.00</b>	INR Two Lakh Thirty Nine Thousand Two Hundred Twenty Five & Paise Zero Only
469	16.03	Supplying, installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required.	55.00	Pcs	2,858.00	<b>157190.00</b>	INR One Lakh Fifty Seven Thousand One Hundred Ninety & Paise Zero Only
470	16.04	Supplying, installation, testing & commissioning of intelligent addressable thermal detector with rate of rise cum fixed tempreature thermistor complete with base as required.	2.00	Pcs	2,726.00	<b>5452.00</b>	INR Five Thousand Four Hundred Fifty Two & Paise Zero Only
471	16.05	Supplying, installation, testing & commissioning of addressable manual call point complete as required.	4.00	Pcs	3,506.00	<b>14024.00</b>	INR Fourteen Thousand Twenty Four & Paise Zero Only
472	16.06	Supplying, installation, testing & commissioning of addressable strobe complete as required.	4.00	Pcs	3,367.00	<b>13468.00</b>	INR Thirteen Thousand Four Hundred Sixty Eight & Paise Zero Only
473	16.07	Supplying, installation, testing & commissioning of fault isolator complete with base as required.	4.00	Pcs	3,270.00	<b>13080.00</b>	INR Thirteen Thousand Eighty & Paise Zero Only
474	16.08	Supplying, installation, testing & commissioning of response indicator on surface/recessed MS Box having two LED, metallic cover complete with all connections etc as required.	4.00	Pcs	276.00	<b>1104.00</b>	INR One Thousand One Hundred Four & Paise Zero Only
475	16.09	<b>CABLES &amp; ACCESSORIES FOR FAS :</b>					
476	16.1	Supplying & laying of 2x1.5 sqmm fire alarm armoured cable, 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & FRLS outer sheath complete as required.	400.00	RM	173.00	<b>69200.00</b>	INR Sixty Nine Thousand Two Hundred & Paise Zero Only
477	16.11	<b>SITC OF PUBLIC ADDRESSABLE SYSTEM &amp; ACCESSORIES :</b>					
478	16.12	Supplying, installation, testing & commissioning of 6 zone, voice alarm controller with USB, MP3 player (including 6 zone button paging station) with seamless integration facility with main fire alarm panel for voice evacuation complete as required.	1.00	Pcs	1,26,411.00	<b>126411.00</b>	INR One Lakh Twenty Six Thousand Four Hundred Eleven & Paise Zero Only
479	16.13	Supplying, installation, testing & commissioning of digital audio amplifier 50 Watt, 25V rms operating at 240 volt AC supply complete as required.	2.00	Pcs	96,776.00	<b>193552.00</b>	INR One Lakh Ninety Three Thousand Five Hundred Fifty Two & Paise Zero Only
480	16.14	Supplying, installation, testing & commissioning of ceiling/wall mounted loud speaker, 3/1.5 Watt in ABS enclosure complete as required.	35.00	Pcs	2,428.00	<b>84980.00</b>	INR Eighty Four Thousand Nine Hundred Eighty & Paise Zero Only
481	16.15	<b>CABLE &amp; ACCESSORIES FOR PA SYSTEM</b>					
482	16.16	Supplying and drawing of cable Fire Retardant PVC insulated copper conductor cable in the existing surface / recessed steel conduit of following pairs, cores and size including connections and interconnections etc. as required.					
483	16.17	speaker cable Single pair, 2-core, 1.5 sqmm	300.00	RM	54.00	<b>16200.00</b>	INR Sixteen Thousand Two Hundred & Paise Zero Only

	A	B	D	E	F	BB	BC
484	16.18	Supply and fixing of following sizes of <b>MS conduit along with</b> accessories in surface /recess including painting in case of surface conduit,or cutting the wall and making good the same in case of recessed conduit as required					
485	16.19	25mm dia	400.00	RM	256.00	<b>102400.00</b>	INR One Lakh Two Thousand Four Hundred & Paise Zero Only
486	17	<b>IP BASED CCTV SYSTEM</b>					
487	17.01	Supply, installation, testing and commissioning of IR & IP Based dome type indoor coloured fixed camera with of 1/3" CCD,540 TVL, Sensitivity @ 30 IRE: Color 0.5Lx/Night Sense 0.18 Lx, AWB / BLC / AGC /Auto Black, 2.6 to 6 mm vari-focal lens Auto Iris, 12VDC/24VAC for indoor application, complete in all respects as per specifications as per engineer in charge.	22	Nos.	7200.00	<b>158400.00</b>	INR One Lakh Fifty Eight Thousand Four Hundred & Paise Zero Only
488	17.02	Supply, installation, testing and commissioning of DVR-20-CH, 400/480fps display, 400f/480ps recording, H.264, Recording @704x480 (100/120ips)/ 704x240 (200/240ips)/ 352x240 (400/480ips), 8Audio In/ 1 Out, 16 Alarm In, 4 Relay Out, Network Port available for Remote View S/W with transmission up to 120 IPS @ 352x288 PAL, along with 3 TB HDD, complete all as specified with 230VAC power supply complete in all respects as per specifications as per engineer in charge.	2	Nos.	135000.00	<b>270000.00</b>	INR Two Lakh Seventy Thousand & Paise Zero Only
489	17.03	Supply, installation, testing and commissioning of High Resolution 32 inch LCD colour TV monitor with on screen adjustment menu, durable metal cabinet etc. complete in all respects as per specifications as per engineer in charge.	1	Nos.	42500.00	<b>42500.00</b>	INR Forty Two Thousand Five Hundred & Paise Zero Only
490	17.04	Supply and fixing of following sizes of <b>MS conduit along with</b> accessories in surface /recess including painting in case of surface conduit,or cutting the wall and making good the same in case of recessed conduit as required					
491	17.05	25mm dia	600	RM	256.00	<b>153600.00</b>	INR One Lakh Fifty Three Thousand Six Hundred & Paise Zero Only
492	17.06	Supply and fixing of RJ45 Connector	22	Nos.	373.00	<b>8206.00</b>	INR Eight Thousand Two Hundred Six & Paise Zero Only
493	17.07	Supplying and fixing in position GI box for data outlet suitable for fixing of RJ 45 face plate complete as required.	22	Nos.	98.00	<b>2156.00</b>	INR Two Thousand One Hundred Fifty Six & Paise Zero Only
494	17.08	Supply & fixing of Plug in type RJ45 computer data outlet in existing faceplate/ GI Box in wall/furniture/floor complete as required.	22	Nos.	594.00	<b>13068.00</b>	INR Thirteen Thousand Sixty Eight & Paise Zero Only
495	17.09	Supply & Fixing of Single Faceplate, Single Port square plate having spring shuttered front access for preventing ingress of dust, dimension as per commercially available modular office furniture.	22	Nos.	101.00	<b>2222.00</b>	INR Two Thousand Two Hundred Twenty Two & Paise Zero Only
496	17.1	Supplying and drawing of CAT 6A U/UTP cable, white jacket, 4 pair LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.	660	RM	84.00	<b>55440.00</b>	INR Fifty Five Thousand Four Hundred Forty & Paise Zero Only
497	18	<b>HVAC - DUCTING</b>					
498	18.01	Replace AHU canvas connections	2.00	nos	6160.00	<b>12320.00</b>	INR Twelve Thousand Three Hundred Twenty & Paise Zero Only
499	18.02	Supply, Installation, Testing Balancing & Commissioning of G.S.S square/ rectangular ducting complete with gaskets, elbows, splitters, vanes, supports adjustable dampers, etc. as per drawings and as required for dehumidified air distribution of following thickness as per approved working drawings and requirement					
500	18.03	Thickness 0.63 mm sheet	720.00	Sq.m	1,080.00	<b>777600.00</b>	INR Seven Lakh Seventy Seven Thousand Six Hundred & Paise Zero Only
501	18.04	Thickness 0.80 mm sheet	180.00	Sq.m	1,263.00	<b>227340.00</b>	INR Two Lakh Twenty Seven Thousand Three Hundred Forty & Paise Zero Only
502	18.05	Thickness 1.00 mm sheet	15.00	Sq.m	1,381.00	<b>20715.00</b>	INR Twenty Thousand Seven Hundred Fifteen & Paise Zero Only
503	18.06	Supply and fixing of external thermal insulation on <b>supply air</b> ducts with <b>19mm</b> thick chemically cross linked closed	900.00	Sq.m	754.00	<b>678600.00</b>	INR Six Lakh Seventy Eight Thousand Six Hundred & Paise Zero Only




	A	B	D	E	F	BB	BC
504	18.07	Suply, installation, testing and commissioning of GI volume control duct damper complete with neoprene rubber	5.00	Sq.m	7,046.00	<b>35230.00</b>	INR Thirty Five Thousand Two Hundred Thirty & Paise Zero Only
505	18.08	Supplying, fixing, testing & commissioning of powder coated extruded aluminium section <b>supply air grills</b> with	12.00	Sq.m	9,105.00	<b>109260.00</b>	INR One Lakh Nine Thousand Two Hundred Sixty & Paise Zero Only
506	18.09	Supplying, & fixing, of powder coated extruded aluminium section <b>return air grills</b> with louvers but without volume	18.00	Sq.m	5,910.00	<b>106380.00</b>	INR One Lakh Six Thousand Three Hundred Eighty & Paise Zero Only
507	18.1	Supplying, fixing, testing commissioning of <b>supply air diffusers</b> of powder coated aluminium with aluminium	4.00	Sq.m	12,184.00	<b>48736.00</b>	INR Forty Eight Thousand Seven Hundred Thirty Six & Paise Zero Only
508	18.11	Supplying, fixing, testing, commissioning of return air diffusers of powder coated aluminium.	6.00	Sq.m	8,121.00	<b>48726.00</b>	INR Forty Eight Thousand Seven Hundred Twenty Six & Paise Zero Only
509	18.12	Supplying, fixing Acoustic lining of supply air ducting complete with G.I frame, tissue paper, 28G perforated al.	16.00	Sq.m	708.00	<b>11328.00</b>	INR Eleven Thousand Three Hundred Twenty Eight & Paise Zero Only
510	18.13	Supplying, fixing , testing and commissioning of fire dampers in supply air duct/ main branch and return air path as & where required of required sizes including control wiring. The damper shall be motorised and spring return so as to close the damper in the event of power failure automatically and open the same in case of power being restored .the spring return action shall be built mechanism and not externally mounted . The damper shall also be closed in the event of a fire signals complete as required as per specifications					
511	18.14	Fire Damper	4.00	Sq.m	10,659.00	<b>42636.00</b>	INR Forty Two Thousand Six Hundred Thirty Six & Paise Zero Only
512	18.15	Motorised Actuator	4.00	nos	9,948.00	<b>39792.00</b>	INR Thirty Nine Thousand Seven Hundred Ninety Two & Paise Zero Only
513	19	<b>HVAC - VRV</b>					
514	19.01	Supply Installation, Testing & Commissioning of modular type Variable Refrigerant Flow/ Variable Refrigerant Volume air cooled Outdoor units suitable for cooling and heating, having all hermetically sealed inverter type Scroll Compressor(s), minimum two compressors for above 14 HP modules, microprocessor based Controllor, top discharge type condensing unit(s), with R410A Refrigerant, vibration isolators, with suitable foundation etc. complete as required.The unit shall deliver the rated capacity at AHRI Conditions and work even at 50°C ambient temperature without tripping.The unit shall be suitable to work on 400V+/- 10%, 3 Phase, 50Hz AC power supply.The unit shall be filled with first charge of the refrigerant and ready for use as required.The COP at AHRI conditions shall not be less than 3.1 and IEER not less than 6.5 .	26.00	Per HP	16,415.00	<b>426790.00</b>	INR Four Lakh Twenty Six Thousand Seven Hundred Ninety & Paise Zero Only
515	19.02	<b>INDOOR UNIT</b>					
516	19.03	Supply, installation, testing and commissioning of following minimum capacity 4-wayflow VRV/ VRF Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/ dynamically balanced blower, multi speed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cordless remote control etc., suitable for operation on single phase 230V±10%, 50 HzAC supply, complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inl et conditions of 27 Degree CD Band 19 Degree CWB temperature.					
517	19.04	<b>4-Way Cassette type</b>					
518	19.05	1.0 TR	1.00	Nos	29,137.00	<b>29137.00</b>	INR Twenty Nine Thousand One Hundred Thirty Seven & Paise Zero Only
519	19.06	2.0 TR	2.00	Nos	30,801.00	<b>61602.00</b>	INR Sixty One Thousand Six Hundred Two & Paise Zero Only





	A	B	D	E	F	BB	BC
520	19.07	2.4 TR	2.00	Nos	31,453.00	<b>62906.00</b>	INR Sixty Two Thousand Nine Hundred Six & Paise Zero Only
521	19.08	3.2 TR	2.00	Nos	30,801.00	<b>61602.00</b>	INR Sixty One Thousand Six Hundred Two & Paise Zero Only
522	19.09	Supply, installation, testing and commissioning of following minimum capacity VRV/ VRF High wall type Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/ dynamically balanced blower, multi speed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cordless remote control, drain pan, necessary accessories etc., suitable for operation on 230V±10%, 50Hz, single phase AC supply, complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature.					
523	19.1	1.65 TR	2.00	Nos	21,746.00	<b>43492.00</b>	INR Forty Three Thousand Four Hundred Ninety Two & Paise Zero Only
524	19.11	<b>REFRIGERANT PIPING</b>					
525	19.12	Supply, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRFsystem, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastometric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc. as required :					
526	19.13	34.9 mm O.D (wall Thickness-1.2 mm) (Insulation: 19 mm)	20.00	Rmt	1,230.00	<b>24600.00</b>	INR Twenty Four Thousand Six Hundred & Paise Zero Only
527	19.14	28.6 mm O.D (wall Thickness-1.0 mm) (insulation : 19 mm)	20.00	Rmt	1,108.00	<b>22160.00</b>	INR Twenty Two Thousand One Hundred Sixty & Paise Zero Only
528	19.15	22.2 mm O.D (wall Thickness-1.0 mm) (insulation : 19 mm)	30.00	Rmt	865.00	<b>25950.00</b>	INR Twenty Five Thousand Nine Hundred Fifty & Paise Zero Only
529	19.16	19.1 mm O.D (wall Thickness-1.0 mm) (insulation : 19 mm)	30.00	Rmt	707.00	<b>21210.00</b>	INR Twenty One Thousand Two Hundred Ten & Paise Zero Only
530	19.17	15.9 mm O.D (wall Thickness-1.0 mm) (insulation : 13 mm)	20.00	Rmt	588.00	<b>11760.00</b>	INR Eleven Thousand Seven Hundred Sixty & Paise Zero Only
531	19.18	12.7 mm O.D (insulation : 13 mm )	30.00	Rmt	466.00	<b>13980.00</b>	INR Thirteen Thousand Nine Hundred Eighty & Paise Zero Only
532	19.19	9.5 mm O.D (insulation : 13 mm)	10.00	Rmt	331.00	<b>3310.00</b>	INR Three Thousand Three Hundred Ten & Paise Zero Only
533	19.2	6.4 mm O.D (insulation : 13 mm )	10.00	Rmt	245.00	<b>2450.00</b>	INR Two Thousand Four Hundred Fifty & Paise Zero Only
534	19.21	<b>CONDENSATE DRAIN UPVC PIPE</b>					
535	19.22	Supply, installation, testing and commissioning of uPVC Pipe ,complete with fittings, supports,U trap arrangement,Clean Plug with 6mm nitrile insulation and accessories as per specifications,drawings.					
536	19.23	25 mm dia	23.00	Rmt	201.00	<b>4623.00</b>	INR Four Thousand Six Hundred Twenty Three & Paise Zero Only
537	19.24	32 mm dia	30.00	Rmt	227.00	<b>6810.00</b>	INR Six Thousand Eight Hundred Ten & Paise Zero Only
538	19.25	40 mm dia	30.00	Rmt	256.00	<b>7680.00</b>	INR Seven Thousand Six Hundred Eighty & Paise Zero Only
539	19.26	50 mm dia	25.00	Rmt	300.00	<b>7500.00</b>	INR Seven Thousand Five Hundred & Paise Zero Only
540	19.27	Imported fittings Y-joints and headers etc.	9.00	nos	4,393.00	<b>39537.00</b>	INR Thirty Nine Thousand Five Hundred Thirty Seven & Paise Zero Only

	A	B	D	E	F	BB	BC
541	19.28	<u>Control &amp; Trasmission Wiring</u>					
542	19.29	Providing and fixing control cum transmission wiring of 2 core x 1.0 sq. mm copper in suitable conduits between indoor and outdoor unit.	150.00	Mtr	165.81	<b>24871.50</b>	INR Twenty Four Thousand Eight Hundred Seventy One & Paise Fifty Only
543	19.3	Timer for Split ac for Server	1.00	nos	3,910.00	<b>3910.00</b>	INR Three Thousand Nine Hundred Ten & Paise Zero Only
544	<b>Total in Figures</b>					<b>48506450.09</b>	INR Four Crore Eighty Five Lakh Six Thousand Four Hundred Fifty & Paise Zero Nine Only
545	<b>Quoted Rate in Figures</b>			<b>Select</b>		<b>0.00</b>	INR Zero Only
546	<b>Quoted Rate in Words</b>		<b>INR Zero Only</b>				




Sr. No.	Location	Item	Specification	Photo
1	CMD room	Main table	<p>Providing and Placing Main Table of Size 3000x2550x740.MAIN WORKTOP Size 3000x1050x740, ERU 1500x600x610mm- Main worktop - Made of 43mm Thick (<math>\pm 1</math>) combination of MDF and particle board with top veneer face coated with clear lacquer. All edges are edge banded with matching 1mm thick veneer lipping.LEATHER PAD:Made of 18mm Thick (<math>\pm 1</math>) MDF with Leatherette wrapped around top surface. This leather pad is fixed to main top panel.DRAWER UNIT:Top panel and drawer unit modesty panel is made of 43mm Thick (<math>\pm 1</math>) combination ofMDF and particle board with top veneer face coated with clear lacquer. All thickness edges are edge banded with matching lipping.Remaining construction is of 18mm Pre-laminated twin board (PLT) of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Bottom panel of drawer is 9mm thick particle board with leatherette on top surface.Drawer unit is provided with soft closing channels for smooth opening and closing.Drawer unit is secured with side central lock.OPEN STORAGE UNIT:Top panel and open storage unit modesty panel is made of 43mm Thick (<math>\pm 1</math>) combination of MDF and particle board with top veneer face coated with clear lacquer. All thickness edges are edge banded with matching lipping.Remaining construction is of 18mm Pre-laminated twin board (PLT) of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.MODESTY:Made of 18mm Thick Pre-laminated twin board (PLT) of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Modesty is fitted with aluminum trims.UNDERSTRUCTURE:Made of 18mm Thick Pre-laminated twin board (PLT) of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Door is fixed with soft closing hinges and handle is provided for ease of opening.Also lock is provided on side panel for security.ACCESS FLAP WITH POWER BOX:Soft closing access flap with power box contains 3 Universal Sockets, 2 USB power points, 1 HDMI connection, 1 inbuilt misc. cable grommet and CAT 3 and CAT</p>	
2		Main chair	<p>SEAT ASSEMBLY: The Cushioned seat inner is made of injection moulded glass filled poly-amide.-POSTURE PERFECT HIGH BACK CHAIR: STANDARD LEATHER Upholstered seat sub-assembly consists of moulded High Resilience (HR) Polyurethane foam of Density 45+2 kg/m<sup>3</sup>, and hardness load 16 <math>\div</math> 2 kgf as per IS 7888 for 25% compression. Seat SIZE: 45.5cm. (D) x 52.4cm. (W).BACK ASSEMBLY: The Cushioned back is made of PU Foam with Polypropylene Injection molded.Plastic Inner.HIGH BACK SIZE: 50.5 cm. (W) x 76.7 cm. (D) ARMRESTS: The armrest having four range of adjustment.Height adjustment sub assembly is inserted in the Aluminum Die Cast Arm body &amp; all other adjustment are provided in adjustable arm top sub assembly.Up- Down adjustment has 8 position (10.5+0.5cm range).Arm top swivel adjustment- 2 position, 12°+2° swivel inside.Arm top width adjustment - Any position (2.0<math>\div</math>0.5cm range each arm top) Arm top To - Fro Adjustment- any position (4.0\$0.5cm range).Armrest top is made up of high density PU molded over glass filled Poly- amide inner.POSTURE PERFECT MECHANISM: The adjustable tilting mechanism is designed with the following features:360° revolving type. Forward tilt of sesat and back. Upright tilt lock.Tilt tension adjustment can be operated in seating position.3-position Tilt limiter. SEAT DEPTH ADJUSTMENT: Seat depth adjustment is housed below the seat and integrated with the mechanism with help of Polypropene Seat cover. Seat Depth can be adjusted in sitting position. Seat depth adjustment range is of 5.0\$0.5 cm.ADJUSTABLE BACK SUPPORT: Back Assembly is connected to buff polish die cast aluminum Spine with an Up-Down mechanism assembly. Back Height can be adjusted in sitting position. It can be adjusted in the range of 7.5+0.5 cm.PNEUMATIC HEIGHT ADJUSTMENT: The heavy duty class 4 pneumatic height adjustment has an adjustment stroke of 13.0\$0.3 cm. PEDESTAL: The pedestal is made of die-cast aluminium with buffing finish. It is fitted with 5nos. twin wheel castor. The pedestal is 67.0 <math>\div</math> 0.5cm pitch-center dia. TWIN WHEEL CASTOR: 5 Nos. twin wheel soft castors are injection moulded in Poly-amide with PU lining, having 6.50.1cm wheel Diameter and assembled to pedestal.</p>	

**Note: All Photos shown here are only for reference purposes or indicative nature only**






Sr. No.	Location	Item	Specification	Photo
3		Visitor chair	<p>SEAT ASSEMBLY: The Cushioned seat inner is made of injection moulded glass filled poly-amide.- FULL BACK CHAIR: STANDARD LEATHER Upholstered seat sub-assembly consists of moulded High Resilience (HR) Polyurethane foam of Density 45+2 kg/m³, and hardness load 16 ÷ 2 kgf as per IS 7888 for 25% compression. Seat SIZE: 45.5cm. (D) x 52.4cm. (W).BACK ASSEMBLY: The Cushioned back is made of PU Foam with Polypropylene Injection molded.Plastic Inner.HIGH BACK SIZE: 50.5 cm. (W) x 61.8 cm. (D) ARMRESTS: The armrest having four range of adjustment.Height adjustment sub assembly is inserted in the Aluminum Die Cast Arm body &amp; all other adjustment are provided in adjustable arm top sub assembly.Up- Down adjustment has 8 position (10.5+0.5cm range).Arm top swivel adjustment- 2 position, 12°+2° swivel inside.Arm top width adjustment - Any position (2.0÷0.5cm range each arm top) Arm top To - Fro Adjustment- any position (4.0\$0.5cm range).Armrest top is made up of high density PU molded over glass filled Poly- amide inner.MECHANISM: The adjustable tilting mechanism is designed with the following features:360° revolving type. Forward tilt of sesat and back. Upright tilt lock.Tilt tension adjustment can be operated in seating position.3-position Tilt limiter. SEAT DEPTH ADJUSTMENT: Seat depth adjustment is housed below the seat and integrated with the mechanism with help of Polypropene Seat cover. Seat Depth can be adjusted in sitting position. Seat depth adjustment range is of 5.0\$0.5 cm.ADJUSTABLE BACK SUPPORT: Back Assembly is connected to buff polish die cast aluminum Spine with an Up-Down mechanism assembly. Back Height can be adjusted in sitting position. It can be adjusted in the range of 7.5+0.5 cm.PNEUMATIC HEIGHT ADJUSTMENT: The heavy duty class 4 pneumatic height adjustment has an adjustment stroke of 13.0\$0.3 cm. PEDESTAL: The pedestal is made of die-cast aluminium with buffing finish. It is fitted with 5nos. twin wheel castor. The pedestal is 67.0 ÷ 0.5cm pitch-center dia. TWIN WHEEL CASTOR: 5 Nos. twin wheel soft castors are injection moulded in Poly-amide with PU lining, having 6.50.1cm wheel Diameter and assembled to pedestal.</p>	
4		Meeting table	<p>Providing and placing in position discussion table.The overall size of the worptop shall be 2100mm x 1150mm x 740mm. Worktop shall be made from 25mm thick MDF one side prelaminated boardwith 0.4mm and having chamfered edge. Soft closing dual access flap provided for access to power supply and data cables. The Under-structure consists of mixture of 25mm and 18mm Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Anodised aluminium alloy 63400 - WP profile is added at bottom edges for improving the aesthetics.The product has a knock-down construction. A wire raiser made of 0.8mm CRCA MS IS:513. It is epoxy polyester powder coated (DFT 40-60 microns) for flow of wires and cables. A Powerbox with 2 cutouts on either sides for standard 8 module Anchor Roma is provided. Beside each cutout, an additional cutout with plate is provided for mounting .Audio Visual Cables(eg. HDMI,VGA-A,etc). The product must be UL Greenguard certified.Complete all as per the direction of Engineer in Charge</p>	
5		Meeting table main chair	<p>Providing and Placing High Back Chair with overall size of 76.1 cm W x 76.1 cm D x 112.7 – 130.2 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer &amp; inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, &amp; hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the range of 7.42±0.5 comfort the comfortable back support to suit individual need. The pneumatic height adjustment has an adjustment stroke of 10.0±0.3cm. The pedestal is high pressure die cast polished aluminium &amp; fitted with 5 nos. of twin wheel castors. The pedestal is 65.0±0.5cm pitch centre dia. (75.0±1.0cm with castors). 5 nos. of twin wheel castors are injection molded in plastic having 6.0±0.1cm wheel diameter and assembled to pedestal.</p>	

Sr. No.	Location	Item	Specification	Photo
6		Visitor chair	Providing and Placing mid Back Chair with overall size of 76.1 cm W x 76.1 cm D x 96.5 – 114 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density $45\pm 2$ kg/m <sup>3</sup> , & hardness load of $16\pm 2$ kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size $1.9\pm 0.03$ cm x $0.16\pm 0.0128$ cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of $\varnothing 3.81\pm 0.03$ cm x $0.2\pm 0.01$ cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to $6.5\pm 0.5$ cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of $6.0\pm 0.5$ cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the range of $7.42\pm 0.5$ comfort the comfortable back support to suit individual need. The pneumatic height adjustment has an adjustment stroke of $10.0\pm 0.3$ cm. The pedestal is high pressure die cast polished aluminium & fitted with 5 nos. of twin wheel castors. The pedestal is $65.0\pm 0.5$ cm pitch centre dia. ( $75.0\pm 1.0$ cm with castors). 5 nos. of twin wheel castors are injection molded in plastic having $6.0\pm 0.1$ cm wheel diameter and assembled to pedestal.	
7		3 seater sofa	Providing and placing sofa of size 1820mm (W)x 840mm (D)x760(H) . Pure Leather Upholstery - Pigmented Durable and ergonomically perfect for seating. The top grains of leather is clearly visible which adds to the aesthetics S Spring Webbing- Provides bouncing back action for floating feeling.Construction- Made of solid wood frame with ply cross section which is moisture , termite and borer resistant. Adequate treatment of wood initiated to enhance longevity and maintain robustness.PLY - 12 mm, PLY - 6mm flexiply , Paper board 3mm , webbing 2 inch , Zigzag Spring - 3.8mm Comfort- The seat is made of soft foam of density 28 kg/m <sup>3</sup> which enhances comfort and cushioning with sinking feeling. Ground Elevation- Equipped with legs, the sofa is elevated to allow a level of ground clearance.	
8		2 seater sofa	Providing and placing sofa of size 1520mm (W)x 840mm (D)x760(H) . Pure Leather Upholstery - Pigmented Durable and ergonomically perfect for seating. The top grains of leather is clearly visible which adds to the aesthetics S Spring Webbing- Provides bouncing back action for floating feeling.Construction- Made of solid wood frame with ply cross section which is moisture , termite and borer resistant. Adequate treatment of wood initiated to enhance longevity and maintain robustness.PLY - 12 mm, PLY - 6mm flexiply , Paper board 3mm , webbing 2 inch , Zigzag Spring - 3.8mm Comfort- The seat is made of soft foam of density 28 kg/m <sup>3</sup> which enhances comfort and cushioning with sinking feeling. Ground Elevation- Equipped with legs, the sofa is elevated to allow a level of ground clearance.	
9		1 seater sofa	Providing and placing sofa of size 750mm (W)x 840mm (D)x760(H) . Pure Leather Upholstery - Pigmented Durable and ergonomically perfect for seating. The top grains of leather is clearly visible which adds to the aesthetics S Spring Webbing- Provides bouncing back action for floating feeling.Construction- Made of solid wood frame with ply cross section which is moisture , termite and borer resistant. Adequate treatment of wood initiated to enhance longevity and maintain robustness.PLY - 12 mm, PLY - 6mm flexiply , Paper board 3mm , webbing 2 inch , Zigzag Spring - 3.8mm Comfort- The seat is made of soft foam of density 28 kg/m <sup>3</sup> which enhances comfort and cushioning with sinking feeling. Ground Elevation- Equipped with legs, the sofa is elevated to allow a level of ground clearance.	


Sr. No.	Location	Item	Specification	Photo
10		center table	Providing and placing in position Centre Table having a size of : 1000mm(L) x 600mm(D) x 425mm(H). Understructure of the table which includes Legs, top wooden frame & bottom tie members are made out of first quality rubberwood of approved make without knots & defects on all faces. Bottom tray is made of 1.2mm thick MS sheet. Metal brackets are used for assembly purpose. Top: 8mm thick toughened glass of approved make. Construction: Knock-down assembly. Wooden members are PU painted with hardness-2H. Metal components are powder coated. Bottom MS metal tray is having floral pattern laser-cut. Top glass is having sand blasted floral pattern on bottom surface 5. Hardware: Knock-down assembly with high quality standard hardware like screws, metal inserts, wooden dowel, plastic leg bush. Complete all as per the dimension of Engineer-in-charge. Complete all as per the direction of Engineer in Charge.	
11		Corner table	Providing and placing in position Corner Table having a size of : 500mm(L) x 500mm(D) x 425mm(H). Understructure of the table which includes Legs, top wooden frame & bottom tie members are made out of first quality rubberwood of approved make without knots & defects on all faces. Bottom tray is made of 1.2mm thick MS sheet. Metal brackets are used for assembly purpose. Top: 8mm thick toughened glass of approved make. Construction: Knock-down assembly. Wooden members are PU painted with hardness-2H. Metal components are powder coated. Bottom MS metal tray is having floral pattern laser-cut. Top glass is having sand blasted floral pattern on bottom surface 5. Hardware: Knock-down assembly with high quality standard hardware like screws, metal inserts, wooden dowel, plastic leg bush. Complete all as per the dimension of Engineer-in-charge. Complete all as per the direction of Engineer in Charge.	
12	Conference room	Conference table	Providing and Placing in position Conference table for 19 seater having 8Nos of 2 Seater Modules of size 1350mm X 600mm X 740mm , 2 Nos of one seater module . Worktop- Made of 25mm thick MDF-one side pre-laminate board conforming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top and having chamfered edge. Plastic ABS access flap is provided for easy access to wires and cables. Modesty consist of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Aluminium alloy 63400 - WP profile is used for connecting panels together. The product has a knock-down construction. It consist of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Aluminium alloy 63400 - WP profile is used for connecting panels together. The product has a knock-down construction. An array of panels made of 0.8mm CRCA MS IS:513, epoxy polyester powder coated (DFT 40-60 microns) is used for flow of wires and cables. Provision to mount Anchor Roma 6 module plate is provided below worktop. Cutout on top with two piece injection moulded plastic part polymer component is fitted to pull out audio, video cables onto worktop and connect devices charger to power socket below worktop.	
13		Head chair	Providing and Placing High Back Chair with overall size of 76.1 cm W x 76.1 cm D x 112.7 – 130.2 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the range of 7.42±0.5 comfort the comfortable back support to suit individual need. The pneumatic height adjustment has an adjustment stroke of 10.0±0.3cm. The pedestal is high pressure die cast polished aluminium & fitted with 5 nos. of twin wheel castors. The pedestal is 65.0±0.5cm pitch centre dia. (75.0±1.0cm with castors). 5 nos. of twin wheel castors are injection molded in plastic having 6.0±0.1cm wheel diameter and assembled to pedestal.	

Sr. No.	Location	Item	Specification	Photo
14		conference Chair	Providing and Placing Mid Back Chair with overall size of 76.1 cm W x 76.1 cm D x 96.5 – 114 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the range of 7.42±0.5 comfort the comfortable back support to suit individual need. The pneumatic height adjustment has an adjustment stroke of 10.0±0.3cm. The pedestal is high pressure die cast polished aluminium & fitted with 5 nos. of twin wheel castors. The pedestal is 65.0±0.5cm pitch centre dia. (75.0±1.0cm with castors). 5 nos. of twin wheel castors are injection molded in plastic having 6.0±0.1cm wheel diameter and assembled to pedestal.	
15	Office cabin 1 type	Main table 2350mm	Providingin place of main table with overall size of table 2350 x 2350 x 750mm. The main table shall be of size 2350 x 1150 x 750mm. The side unit shall be 1200 x 600 x 750mm. The table is made of 25 mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. Soft closing access flap within-build power box are provided on work surface for wire management. The ERU top is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The modesty panel is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The understructure is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. The pedestal is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25 mm thick MDF one side pre-laminate board with 0.4 mm PVC membrane pressed on to top pedestal construction is BOX-BOX-FILE type which uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security.	
16		Backunit	The Back Unit shall be of dimensions 2350 x 500 x 750mm. It shall be made of 25mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. The Slide door unit is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Shutters have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Storage is provided with lock for security.	


Sr. No.	Location	Item	Specification	Photo
17		Main chair	Providing and Placing High Back Chair with overall size of 76.1 cm W x 76.1 cm D x 112.7 – 130.2 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density $45\pm 2$ kg/m <sup>3</sup> , & hardness load of $16\pm 2$ kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size $1.9\pm 0.03$ cm x $0.16\pm 0.0128$ cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of $\varnothing 3.81\pm 0.03$ cm x $0.2\pm 0.01$ cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to $6.5\pm 0.5$ cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of $6.0\pm 0.5$ cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the range of $7.42\pm 0.5$ comfort the comfortable back support to suit individual need. The pneumatic height adjustment has an adjustment stroke of $10.0\pm 0.3$ cm. The pedestal is high pressure die cast polished aluminium & fitted with 5 nos. of twin wheel castors. The pedestal is $65.0\pm 0.5$ cm pitch centre dia. ( $75.0\pm 1.0$ cm with castors). 5 nos. of twin wheel castors are injection molded in plastic having $6.0\pm 0.1$ cm wheel diameter and assembled to pedestal.	
18		Visitor chair	Providing and Placing Mid Back Chair with overall size of 76.1 cm W x 76.1 cm D x 96.5 – 114 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density $45\pm 2$ kg/m <sup>3</sup> , & hardness load of $16\pm 2$ kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size $1.9\pm 0.03$ cm x $0.16\pm 0.0128$ cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of $\varnothing 3.81\pm 0.03$ cm x $0.2\pm 0.01$ cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to $6.5\pm 0.5$ cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of $6.0\pm 0.5$ cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the range of $7.42\pm 0.5$ comfort the comfortable back support to suit individual need. The pneumatic height adjustment has an adjustment stroke of $10.0\pm 0.3$ cm. The pedestal is high pressure die cast polished aluminium & fitted with 5 nos. of twin wheel castors. The pedestal is $65.0\pm 0.5$ cm pitch centre dia. ( $75.0\pm 1.0$ cm with castors). 5 nos. of twin wheel castors are injection molded in plastic having $6.0\pm 0.1$ cm wheel diameter and assembled to pedestal.	
19		sofa 2 seater	Supplying and Placing in place of 2 seater sofa. The overall dimensions of the sofa shall be 1460W x 905D x 855H. The seat should be made of PU foam with Density $28 \pm 2$ kg/cu.mtr having an additional top layer of supersoft PU foam with Density $32 \pm 2$ kg/cu. Seat should be upholstered with fabric or leatherette. 2) BACK FOAM: The back should be made of PU foam with Density $28 \pm 2$ kg/cu. mtr with two additional top layer of supersoft foam of density $32\pm 2$ kg/cu. mtr, upholstered with fabric or leatherette. Understructure should be made up of $1.2\pm 0.1$ cm. thick hot pressed plywood (which also shall be resistance and termite proof as per IS:303.) and pinewood of cross section devoid of major knots and surface defects 6 nos. per seat and 3.8mm dia. zigzag spring assembly is mounted over understructure for cushioning effect. It should be a welded assembly made in Stainless steel (grade SS 202) tube & plate with plastic endcap.	




Sr. No.	Location	Item	Specification	Photo
20		Sofa 1 seater	Supplying and Placing in place of 1 seater sofa. The overall dimensions of the sofa shall be 860W x 905D x 855H. The seat should be made of PU foam with Density $28 \pm 2$ kg/cu.mtr having an additional top layer of supersoft PU foam with Density $32 \pm 2$ kg/cu. Seat should be upholstered with fabric or leatherette. 2) BACK FOAM: The back should be made of PU foam with Density $28 \pm 2$ kg/cu. mtr with two additional top layer of supersoft foam of density $32 \pm 2$ kg/cu. mtr, upholstered with fabric or leatherette. Understructure should be made up of 1.2 $\pm$ 0.1 cm. thick hot pressed plywood (which also shall be resistance and termite proof as per IS:303.) and pinewood of cross section devoid of major knots and surface defects 6 nos. per seat and 3.8mm dia. zigzag spring assembly is mounted over understructure for cushioning effect. It should be a welded assembly made in Stainless steel (grade SS 202) tube & plate with plastic endcap.	
21		Center table	Glass shall be 10 $\pm$ 0.3mm thick black tinted toughened glass UV glued with bushes made in SS 202 grade for fixing with understructure. It shall be a welded assembly made in SS202 grade having dia. 12 $\pm$ 0.04 as per IS:1762. overall dimensions of table shall be Width of table= 112.0 cm, Depth=60.0 cm, height=35.1 cm.	
22		Corner table	Glass shall be 10 $\pm$ 0.3mm thick black tinted toughened glass UV glued with bushes made in SS 202 grade for fixing with understructure. It shall be a welded assembly made in SS202 grade having dia. 12 $\pm$ 0.04 as per IS:1762. overall dimensions of table shall be Width of table= 60.0 cm, Depth=60.0 cm, height=35.1 cm.	
23	Officer cabin type 2	Main table	Providing in place of main table with overall size of table 1650 x 1650 x 750mm. The main table shall be of size 1650 x 750 x 750mm. The side unit shall be 900 x 500 x 750mm. The table is made of 25 mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. Soft closing access flap within-build power box are provided on work surface for wire management. The ERU top is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The modesty panel is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The understructure is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. The pedestal is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25 mm thick MDF one side pre-laminate board with 0.4 mm PVC membrane pressed on to top pedestal construction is BOX-BOX-FILE type which uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security.	
24		Backunit	The Back Unit shall be of dimensions 1650 x 500 x 750mm. It shall be made of 25mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. The Slide door unit is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Shutters have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Storage is provided with lock for security.	







Sr. No.	Location	Item	Specification	Photo
25		Main chair	<p>The cushioned seat assembly shall consists of seat outer(material-30% glass fiber nylon) and upholstered seat inner(material-polypropylene) with moulded polyurethane foam and polyester fabric. the net back should made up of back outer(material-glass fiber filled nylon) and back inner(material-PP) and upholstered using polyester mesh fabric with high tenacity yarn. Size of back shall be (W)-46.5cm, (H)-60.0cm &amp; size of seat shall be (W)-51.0cm x (D)-49.0cm. The supprot spine should made up of high pressure die cast polished aluminium. Armrest is having two adjustment, Height(6+/-0.5cm) and depth(6+/-0.5cm). Height adjustment shall be provided in aluminium structure of armrest which is connected to aluminium back spine and is operated with button. Armtop is made up of PU molded over plastic inner. The mechanism shall be Active BioSynchro Mechanism. The mechanism of chair shall have following features:360 degree revolving type, Seat/Back tilt ratio of 1:2, Active Bio-Synchro mechanism, 5 position tilt limiter giving option of variable tilt angle to the chair. Front-Pivot for tilt with feet resting on ground and continious lumber support should ensure more comfort. The mechanism housing should made up of HPDC Aluminium and black powder coated. The chair shall be provided with pneumatic height adjustment which shall have stroke of 10.0 +/- 0.3 cm. The pedestal shall be made of die-cast polished aluminium. it shall be fitted with 5 nos twin wheel castor. The size of the pedestal shall be 65.0 +/- 0.5 cm pitch-centre-dia (75.0 +/- 1.0 cm with castors). The twin wheel castors shall be injection moulded in black polypropylene. The lumbar support assembly should consists of lumber spine(material-glass fiber filled nylon) which is fixed to Aluminium back spine. The neckrest assembly consists of upholstered neckrest inner(material-poly propylene) with moulded polyurethane foam and polyester fabric. upholstered inner shall be fixed to neck rest cover. neckrest shall be fixed to back assembly through neckrest spline. Overall dimensions of Chair shall be, Width of Chair - 75.0cm, Depth of Chair - 75.0 cm as measured from pedestal below. Height from ground - min 109.3 to max 124.4 cm. Seat height - min 45.5cm to max 55.5cm. Dimensions tolerance / variations shall be within +/- 1 cm.</p>	
26		Visitor chair	<p>The cushioned seat assembly shall consists of seat outer(material-30% glass fiber nylon) and upholstered seat inner(material-polypropylene) with moulded polyurethane foam and polyester fabric. the net back should made up of back outer(material-glass fiber filled nylon) and back inner(material-PP) and upholstered using polyester mesh fabric with high tenacity yarn. Size of back shall be (W)-46.5cm, (H)-60.0cm &amp; size of seat shall be (W)-51.0cm x (D)-49.0cm. The supprot spine should made up of high pressure die cast polished aluminium. Armrest is having two adjustment, Height(6+/-0.5cm) and depth(6+/-0.5cm). Height adjustment shall be provided in aluminium structure of armrest which is connected to aluminium back spine and is operated with button. Armtop is made up of PU molded over plastic inner. The mechanim shall be Active Bio Synchro Mechanism. The mechanism of chair shall have following features:360 degree revolving type, Seat/Back tilt ratio of 1:2, Active Bio-Synchro mechanism, 5 position tilt limiter giving option of variable tilt angle to the chair. Front-Pivot for tilt with feet resting on ground and continious lumber support should ensure more comfort. The mechanism housing should made up of HPDC Aluminium and black powder coated. The chair shall be provided with pneumatic height adjustment which shall have stroke of 10.0 +/- 0.3 cm. The pedestal shall be made of die-cast polished aluminium. it shall be fitted with 5 nos twin wheel castor. The size of the pedestal shall be 65.0 +/- 0.5 cm pitch-centre-dia (75.0 +/- 1.0 cm with castors). The twin wheel castors shall be injection moulded in black polypropylene. The lumbar support assembly should consists of lumber spine(material-glass fiber filled nylon) which is fixed to Aluminium back spine. Overall dimensions of Chair shall be, Width of Chair - 70.5cm, Depth of Chair - 70.5 cm as measured from pedestal below. Height from ground - 99 cm. Seat height - 49 cm. Dimensions tolerance / variations shall be within +/- 1 cm.</p>	
27		Sofa 1 seater	<p>Supplying and Placing in place of 1 seater sofa. The overall dimensions of the sofa shall be 860W x 905D x 855H. The seat should be made of PU foam with Density <math>28 \pm 2</math> kg/cu.mtr having an additional top layer of supersoft PU foam with Density <math>32 \pm 2</math> kg/cu. Seat should be upholstered with fabric or leatherette. 2) BACK FOAM: The back should be made of PU foam with Density <math>28 \pm 2</math> kg/cu. mtr with two additional top layer of supersoft foam of density <math>32 \pm 2</math> kg/cu. mtr, upholstered with fabric or leatherette. Understructure should be made up of 1.2±0.1 cm. thick hot pressed plywood (which also shall be resistance and termite proof as per IS:303.) and pinewood of cross section deviod of major knots and surface defects 6 nos. per seat and 3.8mm dia. zigzag spring assembly is mounted over understrucrure for cushioning effect. It should be a welded assembly made in Stainless steel (grade SS 202) tube &amp; plate with plastic endcap.</p>	




Sr. No.	Location	Item	Specification	Photo
28		Center table	Glass shall be 10+/-0.3mm thick black tinted toughened glass UV glued with bushes made in SS 202 grade for fixing with understructure. It shall be a welded assembly made in SS202 grade having dia. 12+/-0.04 as per IS:1762. overall dimensions of table shall be Width of table= 112.0 cm, Depth=60.0 cm, height=35.1 cm.	
29	Meeting room	Meeting table 10 seater	Providing and placing in position discussion table.The overall size of the worktop shall be 3000mm x 1150mm x 740mm. Worktop shall be made from 25mm thick MDF one side pre laminate board with 0.4mm and having chamfered edge. Soft closing dual access flap provided for access to power supply and data cables. The Under-structure consists of mixture of 25mm and 18mm Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Anodised aluminium alloy 63400 - WP profile is added at bottom edges for improving the aesthetics.The product has a knock-down construction. A wire raiser made of 0.8mm CRCA MS IS:513. It is epoxy polyester powder coated (DFT 40-60 microns) for flow of wires and cables. A Powerbox with 2 cutouts on either sides for standard 8 module Anchor Roma is provided. Beside each cutout, an additional cutout with plate is provided for mounting .Audio Visual Cables(eg. HDMI,VGA-A,etc). The product must be UL Greenguard certified.Complete all as per the direction of Engineer in Charge	
30		Main chair	Providing and Placing High Back Chair with overall size of 76.1 cm W x 76.1 cm D x 112.7 – 130.2 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the range of 7.42±0.5 comfort the comfortable back support to suit individual need. The pneumatic height adjustment has an adjustment stroke of 10.0±0.3cm. The pedestal is high pressure die cast polished aluminium & fitted with 5 nos. of twin wheel castors. The pedestal is 65.0±0.5cm pitch centre dia. (75.0±1.0cm with castors). 5 nos. of twin wheel castors are injection molded in plastic having 6.0±0.1cm wheel diameter and assembled to pedestal.	

Sr. No.	Location	Item	Specification	Photo
31		Conference room chair	Providing and Placing mid Back Chair with overall size of 76.1 cm W x 76.1 cm D x 96.5 – 114 cm H x 43.1 – 53.1 cm Seat Height. The seat is cushioned seat made of injection molded plastic outer & inner. Plastic inner is upholstered with leatherette and molded high resilience polyurethane foam of density 45±2 kg/m³, & hardness load of 16±2 kgf as per IS:7888 for 25% compression. Seat Size is 47.0 W cm x 48.0 D cm. The back is cushioned made of PU foam with insitu molded M.S. ERW round tube of size 1.9±0.03cm x 0.16±0.0128cm, upholstered with leatherette. The back size is 47.7 W cm x 76.4 D cm. The armrest top is molded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cm x 0.2±0.01cm thick M.S. ERW tube having chrome plated finish. The armrest is height adjustable up to 6.5±0.5 cm in 5 steps. The adjustable tilting mechanism is designed with following features : 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio 1:2, The mechanism housing is made up of HPDC aluminium black powder coated. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5cm. Back frame is connected to the up/down mechanism in plastic T spine. It can be adjusted in the range of 7.42±0.5 comfort the comfortable back support to suit individual need. The pneumatic height adjustment has an adjustment stroke of 10.0±0.3cm. The pedestal is high pressure die cast polished aluminium & fitted with 5 nos. of twin wheel castors. The pedestal is 65.0±0.5cm pitch centre dia. (75.0±1.0cm with castors). 5 nos. of twin wheel castors are injection molded in plastic having 6.0±0.1cm wheel diameter and assembled to pedestal.	
32		Recta Workstation 1200X600	Supplying of Recta workstation of size 1200 X 600x 750 with KBPT .Providing DESK based modular workstation with worktop thickness 25mm System ht - 750 mm .Understructure - The slanted legs with perforated metal modesty in between are connected to the understructure with the help of PDC Connectors to provide a stable and sturdy base for the worktops. Modesty panel shall be of Metal 1.2 mm thick CRCA. Wire Management : Metal powder coated power box with wire raiser+D56 is given to pull wires from the floor junction box upto the power box fixed under neath the worktop. Aluminium access flaps on worktop above power box cut out for accessing switches.Worktop mounted metal modesty made from 0.8 mm thk CRCA (IS: 513) is provided.Worksurface - out of 25 mm thk prelam particle board with flat pvc lipping edge banding of size 1200 mm w x 600 mm d.Pedestals - Nova pedestal flat metal front, full ht free standing central locking of size 390 mm w x 435 mm d x 646 mm ht 3dr = 2box+1file. .The product should be GREENPRO, SCS IAQ, GRIHA, BIFMA certified	
33		Penta workstation 1500X1500	Providing and placing panel & tile based modular workstation with KBPT, Pedestal and CPU trolley. Size of Modular Workstation shall be 1500 X 1500 with partition thickness of 52.4 mm thick and ht – 1200 including powder coated aluminum trims. Work top shall be pre laminate particle board , below the work top is also pre laminate particle board. The panel thickness comprises of 38mm (35 mm Minimum) thick paper honeycomb + 3mm MDF on each sides + 3.6mm thick line gap each side+ 0.6mm decorative laminate or fabric on both sides. Tiles: Combination of top tiles shall be fabric magnetic/fabric/fabric tack able /white board/glass writing board/ clear glass tile/ plain metal/ prelaminated tile.Bottom tiles: Plain metal/ fabric magnetic/fabric/laminated/prelaminated . SPLIT Tiles: Combination of two finishes for the top tiles on the user side shall be split fabric magnetic/fabric tack able/white board/prelaminated / plain metal along with split fabric magnetic/fabric trackable/white board/prelaminated/ plain metal. Intermediate blocks shall be given in fabric/DL + Fabric/DL finish. Wire Management - Wires shall be taken into the system through cable ducts from the junction boxes and it shall be carried up to the panels through concealed conduits inside the blocks. HALF SCREEN WITH FRAME - at intermediate position between 2 people and at the end above worktop in clear glass/fabric tack able /laminate/white board finish. Side panels or legs shall be 25 mm thick prelaminated particle board with flat PVC lipping edge banding considered only on the open end conditions or metal powder coated legs at the end and shared condition. System shall have 120 mm high powder coated standalone panel legs to give the system an elevated look. Work surface shall be 25 mm thick prelaminated particle board with flat PVC lipping edge banding of size 1500 mm w1 X 1500 MM w2 x 600 mm d. Pedestals with or without legs shall have flat metal front, free standing central locking of size 390 mm w x 435 mm d x 646 mm height 3dr = 2box+1file. CPU trolley - with castors. KBPT with mouse tray - plastic/metal/articulated. The work shall be carried out as per guidance and instructions received from engineer in charge. The product shall be Green guard BIFMA LEVEL, AIOTA, GRIHA, SCS IAQ, GREENPRO certified. OEM shall be ISO 9001:2015, ISO 14001:2015 & ISO 18001:2007 certified.	

Sr. No.	Location	Item	Specification	Photo
34		Cubicles	Providing and placing in position panel & tile based modular workstation. Size of worktop shall be 1800mm W x 800mm D with partition thickness of 52.4 mm thick and height - 1200 including powder coated aluminum trims. Work top shall be pre laminate particle board , below the work top is also pre laminate particle board. The tiles on the top most frames shall be glass writing board/ clear glass tile. Bottom tiles shall be of Plain metal/ fabric magnetic / fabric / laminated /pre-laminated . The panel thickness comprises of 38mm (35 mm Minimum) thick paper honeycomb + 3.6mm thick line gap each side + 3mm MDF on each side + 0.6mm decorative laminate or fabric on both sides. Size of ERU shall be 1200mm W x 450mm D x 1200mm H .The uprights and horizontals shall be made of aluminum extrusion having average wall thickness of 1.2 mm & powder coated with epoxy- polyester powder. Particle board framing shall be used on outer boundary of these blocks as well as intermediately at certain locations forming conduit for passing cables. These blocks shall be located in the mid segment of the panels and can be provided with cutouts for mounting switch boxes (above or below the worktops). Top tiles must have variety of combinations. The fins along the depth shall be 22.8mm thick. Work surface shall be of 25 mm thick prelim particle board with flat PVC lipping edge banding. Brackets shall be made from 2mm thick CRCA steel. Pedestals with legs shall have flat metal front, free standing central locking of size 390 mm w x 435 mm d x 646 mm height 3dr = 2box+1file. The work shall be carried out as per the instructions and guidance received from engineer in charge. The product shall be UL Green guard, BIFMA Level 3 certified. OEM shall be ISO-9001:2015, ISO-14001:2015, ISO-45001:2018, BIFMA and AIOTA certified.	
35		Full height storage	The overall size shall be 1200 x 450 x 1950 (WDH) mm. Top shall be made up of 18mm thick pre laminated particle board and Back shall be made up of 9 mm thick pre laminated particle board with 2mm PVC edge lipping, Shutters shall be made up of 18 mm thick pre laminated particle board. Edge: All exposed shall be sealed with 2mm thick PVC edge lipping. Locking facility should be provided for safe storage of documents. The prelaminated board used shall be of E1 norms	
36		Low height storage	Providing and placing ALL WOOD SLIDING DOOR UNIT (SDU). size- 1200Wx1190Hx450D. Construction & Material shall be in Knockdown construction. Twin door with self-closing hinges of Wood shall be made from 18mm Thick Pre-Laminated Board. Aesthetically appealing recessed plastic handle shall be fitted on wooden Doors. 3-point locking mechanism shall be fitted on Wooden Door. Height wise Adjustable Shelf Mounting shall be provided. Wooden Top shall be made from Pre-Laminated Board of 25 mm thick. Skirting of 125 mm High shall be provided. Leveler Screw type adjustable Leveler with plastic base height shall be provided. Back Panel and Sides of the storage units shall be made of 18mm thick Pre-Laminated Particle Board. All partitions and side panels shall have levelled screws for adjustment in case of Uneven floor to take care of +/- 10mm of uneven flooring. The work shall be carried out as per guidance and instructions received from engineer in charge. OEM shall be ISO-9001:2015, ISO-14001:2015, ISO-45001:2018, BIFMA and AIOTA certified.	
37	Knowledge Partner	Main table	Providing in place of main table with overall size of table 1650 x 1650 x 750mm. The main table shall be of size 1650 x 750 x 750mm. The side unit shall be 900 x 500 x 750mm. The table is made of 25 mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. Soft closing access flap within-build power box are provided on work surface for wire management. The ERU top is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The modesty panel is made of 25 mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. The understructure is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. The pedestal is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25 mm thick MDF one side pre-laminate board with 0.4 mm PVC membrane pressed on to top pedestal construction is BOX-BOX-FILE type which uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security.	

Sr. No.	Location	Item	Specification	Photo
38		Backunit	The Back Unit shall be of dimensions 1650 x 500 x 750mm. It shall be made of 25mm thick MDF – one side pre-laminate board confirming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to top. The Slide door unit is made of 25 mm thick Pre-laminated twin board of E1-P2 grade and approved shade edge banded with matching 2 mm thick PVC lipping. Shutters have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Storage is provided with lock for security.	
39		Main chair	The cushioned seat assembly shall consists of seat outer(material-30% glass fiber nylon) and upholstered seat inner(material-polypropylene) with moulded polyurethane foam and polyster fabric. the net back should made up of back outer(material-glass fiber filled nylon) and back inner(material-PP) and upholstered using polyester mesh fabric with high tenacity yarn. Size of back shall be (W)-46.5cm, (H)-60.0cm & size of seat shall be (W)-51.0cm x (D)-49.0cm. The supprot spine should made up of high pressure die cast polished aluminium. Armrest is having two adjustment, Height(6+/-0.5cm) and depth(6+/-0.5cm). Height adjustment shall be provided in aluminium structure of armrest which is connected to aluminium back spine and is operated with button. Armtop is made up of PU molded over plastic inner. The mechanism shall be Active BioSynchro Mechanism. The mechanism of chair shall have following features:360 degree revolving type, Seat/Back tilt ratio of 1:2, Active Bio-Synchro mechanism, 5 position tilt limiter giving option of variable tilt angle to the chair. Front-Pivot for tilt with feet resting on ground and continious lumber support should ensure more comfort. The mechanism housing should made up of HPDC Aluminium and black powder coated. The chair shall be provided with pneumatic height adjustment which shall have stroke of 10.0 +/- 0.3 cm. The pedestal shall be made of die-cast polished aluminium. it shall be fitted with 5 nos twin wheel castor. The size of the pedestal shall be 65.0 +/- 0.5 cm pitch-centre-dia (75.0 +/- 1.0 cm with castors). The twin wheel castors shall be injection moulded in black polypropylene. The lumbar support assembly should consists of lumber spine(material-glass fiber filled nylon) which is fixed to Aluminium back spine. The neckrest assembly consists of upholstered neckrest inner(material-poly propylene) with moulded polyurethane foam and polyster fabric. upholstered inner shall be fixed to neck rest cover. neckrest shall be fixed to back assembly through neckrest spline. Overall dimensions of Chair shall be, Width of Chair - 75.0cm, Depth of Chair - 75.0 cm as measured from pedestal below. Height from ground - min 109.3 to max 124.4 cm. Seat height - min 45.5cm to max 55.5cm. Dimensions tolerance / variations shall be within +/- 1 cm.	
40		Visitor Chair	The cushioned seat assembly shall consists of seat outer(material-30% glass fiber nylon) and upholstered seat inner(material-polypropylene) with moulded polyurethane foam and polyster fabric. the net back should made up of back outer(material-glass fiber filled nylon) and back inner(material-PP) and upholstered using polyester mesh fabric with high tenacity yarn. Size of back shall be (W)-46.5cm, (H)-60.0cm & size of seat shall be (W)-51.0cm x (D)-49.0cm. The supprot spine should made up of high pressure die cast polished aluminium. Armrest is having two adjustment, Height(6+/-0.5cm) and depth(6+/-0.5cm). Height adjustment shall be provided in aluminium structure of armrest which is connected to aluminium back spine and is operated with button. Armtop is made up of PU molded over plastic inner. The mechanim shall be Active Bio Synchro Mechanism. The mechanism of chair shall have following features:360 degree revolving type, Seat/Back tilt ratio of 1:2, Active Bio-Synchro mechanism, 5 position tilt limiter giving option of variable tilt angle to the chair. Front-Pivot for tilt with feet resting on ground and continious lumber support should ensure more comfort. The mechanism housing should made up of HPDC Aluminium and black powder coated. The chair shall be provided with pneumatic height adjustment which shall have stroke of 10.0 +/- 0.3 cm. The pedestal shall be made of die-cast polished aluminium. it shall be fitted with 5 nos twin wheel castor. The size of the pedestal shall be 65.0 +/- 0.5 cm pitch-centre-dia (75.0 +/- 1.0 cm with castors). The twin wheel castors shall be injection moulded in black polypropylene. The lumbar support assembly should consists of lumber spine(material-glass fiber filled nylon) which is fixed to Aluminium back spine. Overall dimensions of Chair shall be, Width of Chair - 70.5cm, Depth of Chair - 70.5 cm as measured from pedestal below. Height from ground - 99 cm. Seat height - 49 cm. Dimensions tolerance / variations shall be within +/- 1 cm.	

Sr. No.	Location	Item	Specification	Photo
41	Canteen	Table	Supplying and placing in position Canteen table of the following specifications. 6 Seater PU Coated size shall be 1734 Width mm x 1175 Depth mm x 750 Height mm . Top shall be 25 mm thick base material shall be 25 mm MDF board . On top PU painting of minimum 2H hardness with 75% glass as per color chart .Combination color graphics on the centre . Brown Laminate on bottom specially profiled edges for comfort . The Understructure shall be having bend pipe structure of MS powder coated . Pipe dia 38 mm , 2 mm thick and it shall be fitted with top by SS machine screws . Legs shall be of MS powder coated and 38 mm dia. pipe legs are fixed with inderstructure and table top . Glide shall be of Plastic fixed at the understructure to prevent the damage of table top during stacking	
42		Chair	The seat and Back are made up of injection moulded high impact strength PolyPropylene polymer compound with indoor grade UV resistance. Seat size shall be 52.5cm x 53.2cm. Back size shall be 51.6cm x 40.5cm. The tubular welded frame is made of dia. 2.22cm x 0.12cm and 3.5cm x 1.5cm x 0.12cm stainless steel 202 grade tube. The rubes are buff polished to give shiny finish. The shoes and Amrest are made of high impacy strength PolyPropylene polyemr compound with indoor grade UV resistance and pressed and press fitted with tubular frame. The overall dimensions of the chair shall be 52.4cm x 55.8cm x 84.5cm. The seating height shall be 45.0cm.	
43	VIP Lounge	2 seater sofa	Overall Size : Width :166cm Depth : 97.5cm Height : 93cm Seating Height : 46cmUpholstery: Material : Fabric PVC ,Shade : Ash Grey , Thickness : 1 mm Breaking Load (N) : Warp 1327 ,Weft 1228, Elongation at break (%) : Warp 27.5 Weft 34.6 .Colour Fastness to Rubbing (Dry/Wet) (scale 1- 5) : FrDarmy e= :4 Wet = 4 . Material : Combination of plywood and pine Wood . Plywood thickness : 12 mm (moisture resistance and termite free) Pinewood cross section ( without knots) .Moisture content : 10 -12 % Foam .Seat :Material : Slab stock foam , Density : Base 28 kg/m3 and super soft 32 kg/m3 at top .Back :Material : Slab stock foam, Density : Super soft foam of 32 kg/m3 .Mechanism at Headrest : Hittech make which can be adjusted at three levels . Webbing:Elastic belt with pocket spring of diameter 2mm .Legs : MS pipe with metallic powder coated	
44		Center table	Overall size of 1200mm(L)x594mm(D)x411mm(H).Ultra-modern combination of wood and glass, specifically shaped and engineered to give it stability. Now, your drinks won't spill as easily in case of accidental tugs and yanks. • The Wenge finish of the coffee table is done with utmost care, making it a posh addition to your space. • Has multiple compartments to store books, magazines, or place decor items. A hidden compartment within can be used to store utility bills and keys.	
45		Corner table	Overall size of 600mm(L)x600mm(D)x450mm(H)Designed for the modern minimalist with a need for handy, compartmentalized storage. • Tabletop of durable, toughened glass with a digitally back printed Skyline pattern creates a sleek, modern look. • A strong, knockdown construction built for longevity.	
46	Experience center	2 seater sofa	Overall Size :Width : 137cm Depth : 92cm Height : 89cm Seating Height : 47.5cm THREAD : Nylon . Material Handling Data Sheet (MSDS) for Glue Standard of Plywood used: IS 303 Commercial Plywood , Thickness 12mm	

Sr. No.	Location	Item	Specification	Photo
47		1 seater sofa	Overall Size :Width : 92cm Depth : 92cm Height : 89cm Seating Height : 47.5cm THREAD : Nylon . Material Handling Data Sheet (MSDS) for Glue Standard of Plywood used: IS 303 Commercial Plywood , Thickness 12mm	
48		center table	Overall Size : Width : 120cm Depth : 60cm Height : 36.7cm Materials : All carcass panel are made of 18 mm prelaminated particle board with edge banding 1.5 mm thickness.Drawer bottom is made of .9 mm thick prelaminated particle board .Drawer front is made of 18 mm thick PU painted MDF . Legs : Rubber wood . Hardware : Hettich . Construction : Knock down .Finish : All 18 mm prelaminated particle board panels are Noce Versailles with walnut edge band. PU lamination is high gloss in Ecu shade .Packets : 1 nos . Materials : All carcass panel are made of 18 mm prelaminated particle board with edge banding 1.5 mm thickness. Hardware : Hettich . Construction : Knock down .Finish : • All 18 mm prelaminated particle board panels are Noce Versailles with walnut edge band. PU lamination is high gloss in Ecu shade .Packets : 1 nos	
49		Corner table	Overall Size : Width : 60cm Depth : 60cm Height : 49.8cm Materials : All carcass panel are made of 18 mm prelaminated particle board with edge banding 1.5 mm thickness.Drawer bottom is made of .9 mm thick prelaminated particle board .Drawer front is made of 18 mm thick PU painted MDF . Legs : Rubber wood . Hardware : Hettich . Construction : Knock down .Finish : All 18 mm prelaminated particle board panels are Noce Versailles with walnut edge band. PU lamination is high gloss in Ecu shade .Packets : 1 nos . Materials : All carcass panel are made of 18 mm prelaminated particle board with edge banding 1.5 mm thickness. Hardware : Hettich . Construction : Knock down .Finish : • All 18 mm prelaminated particle board panels are Noce Versailles with walnut edge band. PU lamination is high gloss in Ecu shade .Packets : 1 nos	

## LIST OF APPROVED MAKES

### CIVIL WORKS & INTERIOR WORKS

#### FLOORING FINISHES

1	CEMENT	ACC, AMBUJA CEMENTS, ULTRATECH, JK CEMENT
2	ENGINEERED WOODEN FLOORING	QUICKSTEP, SPAN , KAARA DÉCOR
3	RAISED FLOORING	UNITILE, TATE
4	ALUMINIUM SKIRTING	DORMA, SAINT GOBAIN, GEZE
5	CARPET FLOORING	MILLIKEN, BENTLEY, MOHAWK, SHAW
6	VITRIFIED TILES	SIMPOLO, KAJARIA, NITCO
7	TUFTED RUGS	JAIPUR RUGS, SUNDAY DESIGN, HANDS

#### FALSE CEILING FINISHES

1	GYPSUM BOARD CEILING	SAINT GOBAIN, SAKARNI, KNAUF, ARMSTRONG
2	ALL KIND OF METAL CEILING	HUNTERDOUGLAS, SAINT GOBAIN,SAS
3	MINERAL FIBRE CEILING	KNAUF, SAINT GOBAIN, ARMSTRONG, SAS
4	ACOUSTIC CEILING	BOLLARD, TRANQUIL, SMARTPANELS, ARMSTRONG,

#### WALL FINISHES

1	ALUMINIUM GLASS PARTITION	JEB, SAINT GOBAIN, GEZE,
2	FLUSH DOOR SHUTTERS	MERINO, CENTURY, GREENPLY, Bhutan Tuff
3	HARDWARE	DORMA, GODREJ, SAINT GOBAIN, GEZE, HAFELE,

4	TOUGHENED GLASS	SAINT GOBAIN, ASAHI, MODI. GOLD PLUS
5	TRANSLUCENT FILM	3M, ORAFOL, AIS
6	ACOUSTIC MOVABLE PARTITION / SENSOR SLIDING DOORS	DORMA, HAFFLE, ENOX, UNI ACOUSTIC, HAFELE
7	LAQUERED GLASS	SAINT GOBAIN, ASAHI, MODI
8	GYPSUM DRY WALL	KNAUF, SAINT GOBAIN, OWA
9	ACYLIC SOLID SURFACE	CORIAN, MONTELLI, REHAU
10	BLINDS	VISTA, DECK,
11	PLASTER OF PARIS	JK, BIRLA, ULTRATECH, Sakarani
12	PAINTS	ASIAN PAINTS, NEROLAC, DULUX
13	HDMR /MDF/ PLY BOARD	CENTURY, GREENPANEL, BHUTAN TUFF, GREENPLY
14	LAMINATE	MERINO, NEW MIKA, GREENLAM, ARCHID PLY,
15	PET ACOUSTIC PANEL	BOLLARD, TRANQUIL, SMARTPANELS,
16	FIRE GLASS	BENE, COOPER, SAINT GOBAIN
17	ECORESIN	3FORM, BOLLARD, TRANQUIL
<b>SANITARY &amp; PLUMBING WORKS</b>		
1	SANITARY FITTINGS & FAUCETS (W.C., WASH BASIN, BASIN MIXER, HEALTH FAUCET & CONCEALED	KOHLER, DURAVIT, ARTIZE JAQUAR (ITALIAN SERIES)
2	HAND DRYER	DOLPHY, TOSHI, MYSTAIR, EURONICS
3	AUTOMATIC SOAP DISPENSER	DOLPHY, BOBRICK, KIMBER, KIMBERLY - CLARK, EURONICS
4	CAST IRON PIPES & FITTINGS, MANHOLE COVERS AND FRAMES.	NECO, SKF, HEPSCO, RPMF
5	G.I. PIPES	JINDAL (HISSAR), TATA, SURYA PRAKASH, SAIL
6	G.I. PIPES FITTINGS	K.S., UNIK, ZOLOTO, SANT, DRPM

7	VALVES	ZOLOTO, LEADER, KARTAR, SANT
8	PAINTS	ASIAN PAINTS, NEROLAC, BERGER
9	SINK	CARYSIL, JAYNA, NEELKANTH, HAFELE
10	CPVC & PVC PIPES	SUPREME, PRINCE, ASTRAL, WAVIN, AKG
11	TOILET ACCESSORIES	KOHLER, DURAVIT, ARTIZE JAQUAR (ITALIAN SERIES)
12	HOT WATER GEYSERS	AO SMITH, JAQUAR, HAVELLS, RACOLD
<b>ELECTRICAL WORKS</b>		
1	LT PANELS	NEPTUNE, L&T, SIEMENS, KEPL,
2	MOULDED CASE CIRCUIT BREAKER	SCHNEIDER (NSX), ABB (TMAX), LEGRAND (DPX3), SIEMENS (3VL), HAGER (H3), HPL
3	POWER CONTACTOR RELAYS	SCHNEIDER (TESYS), L&T (MNX), LEGRAND (CTX3), SIEMENS (SIRIUS RT)
4	MINIATURE CIRCUIT BREAKER	SCHNEIDER (ACTI9), LEGRAND (DX3), SIEMENS (BETA GUARD 10KA), HPL
5	MCB DISTRIBUTION BOARDS	SCHNEIDER (ACTI9), LEGRAND (EKINOXE3), SIEMENS (BETA GUARD 10KA), HPL, ABB
6	CHANGE OVER SWITCHES	L&T, SCHNEIDER, ABB, SIEMENS
7	VOLTAGE TRANSFORMER	AE, KAPPA, NEPTUNE
8	CURRENT TRANSFORMER	AE, KAPPA, NEPTUNE
9	E.L.C.B. / R.C.C.B	SCHNEIDER (ACTI9), LEGRAND (DX3), SIEMENS (BETA GUARD 10KA),
10	TIMERS	SIEMENS, L&T, LEGRAND
11	PUSH BUTTONS	SIEMENS, L&T, LEGRAND
12	INDICATING LAMPS	SIEMENS, L&T, LEGRAND
13	FUSES AND FUSE BASES	SIEMENS, L&T, LEGRAND

14	KWH METERS	AE, CONZERV, RISHABH, TRINITY,
15	SELECTOR SWITCHES AND ROTARY SWITCHES	L&T, KAYCEE, PHILIPS, CONZERV
16	INDICATING INSTRUMENTS	AE, CONZERV, RISHABH, TRINITY
17	PVC INSULATED FRLS COPPER WIRES	FINOLEX, SKYTONE, POLYCAB, KEI, HAVELLS
18	PVC RIGID CONDUITS	BEC, AKG, ASTRAL, NORPACK
19	M.S CONDUITS (ISI MARK)	BEC, AKG, ASTRAL, NORPACK
20	MODULAR SWITCHES, SOCKETS, PLUGS ETC. (DIRECTORS, SR OFFICER CABIN, RECEPTION & OTHER IMPORTANT AREAS)	MK ASPECT, LEGRAND ARTEOR, SCHNEIDER
21	MODULAR SWITCHES, SOCKETS, PLUGS ETC. (OTHER CABINS OFFICE PARTITIONS AND GENERAL/ EXECUTIVE AREA)	MK ASPECT, LEGRAND ARTEOR, SCHNEIDER
22	LIGHT FITTING (LED)	WIPRO, PHILLIPS, SURYA
23	UPS	NUMERIC, SCHNEIDER-APC, ETON, VERTIVE, LEGRAND
24	FRLS COPPER FLEXIBLE CABLES	KEI, HAVELLS,POLYCAB
25	HT CABLE	FINOLEX, HAVELS, KEI, POLYCAB
26	LT CABLE	FINOLEX, HAVELS, KEI, POLYCAB
27	HT/LT CABLE TERMINATION	RAYCHEM, 3M, DENSON
28	CABLE MANAGMENT SYSTEM/ FLOOR BOXES/JUNCTION BOXES	LEGRAND, MK, SCHNEIDER
29	RACEWAY	LEGRAND, MK, SCHNEIDER
<b>HVAC WORKS</b>		
1	GI SHEET	JINDAL, SAIL, TATA
2	GRILLS	GREENAIR, TANUS, SYSTEMAIR, MAPRO
3	DAMPERS	GREENAIR, TANUS, SYSTEMAIR, MAPRO

4	INSULATION	ARMACELL, K-FLEX, SUPERLON
5	ACOUSTIC LINING	EWIGA, ARMACELL, KFLEX
6	VAV BOX WITH CONTROLLER AND CAPACITIVE TOUCH SCREEN THERMOSTAT	JOHNSON CONTROL, RUSKINTITUS, CYNOR, TRANE, TROX
7	VRV	DAIKEN, MITSUBISHI, TOSHIBA, VOLTAS
8	VFD	DANFOSS, HONEYWELL, ABB
9	AXIAL FAN	GREENHECK, KRUGER, SYSTEMAIR, WOLTER
10	FACTORY FABRICATED DUCTING	DUCTOFAB, ZECO, ROLASTAR, WAVES
11	COPPER PIPING	RAJCO, MANDEV, MEXFLOW
12	DRAIN PIPE	POLYTECH, SUPREME, AKG, ASTRAL
13	INSULATION	SUPREME, K-FLEX, A-FLEX, ARMAFLEX, OWENS CORNING
<b>IT (ACTIVE + PASSIVE) &amp; EPABX</b>		
1	CAT-6A CABLES / CAT 6 A MOUNTING CORDS/ LOADED JACK PANEL / SINGLE MODE FIBER CABLE / LIU/ PIGTAIL / FACEPLATE / IO / FIBER PATCH CORD	PANDUIT / 3C3 / SYSTIMAX / MOLEX/ D-LINK
2	RACK	VALRACK/NETRACK/ DYNAMIC/ LEGRAND / RTECH
3	CABLE MANAGER	RITTAL/ CPMG/ NETRACK
4	25 PAIR RISER CABLE	DELTON/ SKYTONE
5	CONDUITS	POLYCAB / AKG/ FINLOEX
6	INTERNET FIREWALL	CHECKPOINT / FORTIGATE
7	ROUTER	CISCO / ARISTA / ARUBA/ JUNIPER / FORTIGATE
8	CORE SWITCH /LAYER-3 DISTRIBUTION/ LAYER 2 MANAGED / SFP MODULE 1 G/ 10 G / ROUTER / ACCESS POINT / WI-FI CONTROLLER, 24 PORT MANAGED L2 NETWORK SWITCH, 24 PORT POE MANAGED L2 NETWORK SWITCH	CISCO / ARISTA / ARUBA/ JUNIPER/ BROADCOM / FORTIGATE
9	DIGITAL/ IP BASED EPABX SYSTEM	CISCO/ AVAYA / MITEL

10	DIGITAL KEY PHONES/ IP PHONE / ANALOG PHONES	CISCO/ AVAYA / MITEL
11	MFP PRINTER, LASER JET	HP / CANON
12	AIO DESKTOP & LAPTOP	HP / LENOVO/ DELL/ ACER
<b>CCTV WORKS</b>		
1	DOME, BULLET, PTZ CAMERA & NVR	HIKVISION,CP PLUS
2	HARD DISK 16TB	WD, SEAGATE, TOSHIBA
3	PROFESSIONAL ULTRA HD DISPLAY PANEL, 4K, INTERACTIVE	NEC / PANASONIC/ SAMSUNG/ SONY
<b>FURNITURE WORKS</b>		
1	MODULAR FURNITURE	GODREJ, HAWORTH, HERMAN MILLER, STEELCASE.
2	MODULAR KITCHEN	ALSORG, USP, HACKER
<b>FIRE ALARM / FIGHTING WORKS</b>		
1	G.I./M.S PIPES.	JINDAL, TATA, SAIL
2	FORGED FITTINGS.	VS, KS, TRUE FORGE, SANT
3	VALVES	ZOOTO, KARTAR, ADVANCE
4	'Y' STRAINER	EMERALD, ZOOTO, KARTAR,
5	LEVEL CONTROLLER & INDICATOR (WATER)	ADVANCE AUTO, TECHNIKA, MINILEC
6	PAINTS	ASIAN PAINTS, BERGER, NEROLAC, DULUX

7	PRESSURE GAUGE	H GURU, FIEBIG, EMERALD, WIKA
8	FLEXIBLE RUBBER EXPANSION JOINT	KANWAL EASYFLEX, RESISTOFLEX. DUNLOP
9	FLEXIBLE CONNECTIONS	SEUNGJIN-KOREA, TYCO, MINIMAX, RESISTOFLEX
10	FIRE FIGHTING EQUIPMENTS	MINIMAX, SAFEX, SUPERX, LIFEGUARD, KALPEX
11	SPRINKLERS	TYCO, GRINNEL, BEST, HD, SANT, KALPEX
12	WELDING RODS	ADVANI, VICTOR, ADOR, ESAB
13	GI HANGERS	CHILLY, GMGR, SAIL, JINDAL
14	RUBBER HOSE PIPE	SUPEREX, NEWAGE, SAFEFIRE, SAFEX
15	G.I./M.S PIPES.	JINDAL, TATA, SAIL, PRAKASH SURYA
16	SIGNAGES	GST, FST, COOPER, HINDUSTAN SIGNAGE, PR GRAPHICS
17	EMERGENCY LIGHTS (LED)	VIZION, REGENT, SKETCH LIGHTING,
18	PA SYSTEM	HEINRICH, BOSCH, BOSE, RAVEL
19	FIRE ALARM SYSTEM	HONEYWELL, SIEMENS, SCHNEIDER ELECTRIC, RAVEL
11	COPPER PIPING	RAJCO, MANDEV, MEXFLOW
12	DRAIN PIPE	POLYTECH, SUPREME, AKG, ASTRAL
13	INSULATION	SUPREME, K-FLEX, A-FLEX, ARMAFLEX, OWENS CORNING
14	BMS Software Solution	HONEYWELL 75F, SEIMENS, SCHNEIDER ELECTRIC
<b>ACCESS CONTROL SYSTEM WORKS</b>		
1	VISITOR MANAGMENT SYSTEM	IDCUBE/APOLLO/LENEL/MAXXESS

2	FACE READER MACHINE, SMART CARD	IDEMIA/INVIXIUM/TBS/APOLLO/ SMART-I
3	SS BASED EXIT PUSH, EMERGENCY GLASS BREAK , ELECTRO MAGNETIC LOCK DOUBLE LEAF	TRIMAC/KRITECH/NEDAP
4	8 AND 4 CORE .75 SQMM COPPER FLEXIBLE SHIELDED	FINOLEX / EXCEL / DELTON/POLYCAB
5	SERVER I7-7700T 2.9GHZ PROCESSOR	DELL/HP/IBM
<b>WHITE GOODS</b>		
1	APPLIANCES	SAMSUNG/BOSCH/SEIMENS/EURONICS
2	OTHER WHITE GOODS	DOLPHY, BOBRICK, DYNAMIC