



**DIRECTORATE GENERAL OF HYDROCARBONS**  
(Ministry of Petroleum & Natural Gas)  
Plot No.2, OIDB Bhawan, Sector 73, Noida-201301  
Ph: 0120 – 247 2000. E-mail: mm@dghindia.gov.in

**(E-Tender Notice)**

INVITATION TO BID–National Competitive Bid (Open E-Tender under Two Bid System)  
Directorate General of Hydrocarbons, Noida invites Sealed Competitive Bids for “Building Maintenance contract for DGH offices for a period of one year”, under two bid system (Techno-commercial bid and price bid).

The detailed e-tender document for the above is available at DGH’s website [www.dghindia.gov.in](http://www.dghindia.gov.in) and Government of India’s Public Procurement Portal <http://eprocure.gov.in/cppp/>. The prospective bidders can participate in the tender by downloading the tender document from the aforementioned website, and submit their bid online only at GOI e-bidding portal <https://eprocure.gov.in/eprocure/app> with required bid security, documents, confirming the eligibility criteria, along with the other documents as stated in the e-tender document, before tender closing date and time. No physical bids will be accepted.

Bids shall be submitted by 1400 hrs on 15.10.2018.

<b>E-Tender No.</b>	<b>Description of Item</b>
MM-12017/10/2018-DGH/ENQ-133	Building Maintenance contract for DGH offices for a period of one year

Bidders are requested to go through the complete bid documents and the eligibility criteria under the Bid Rejection Criteria, Scope of work/ Technical Specifications etc. in particular before bidding.

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DIRECTORATE GENERAL OF HYDROCARBONS  
MINISTRY OF PETROLEUM & NATURAL GAS  
GOVERNMENT OF INDIA  
NOIDA

**E-TENDER NO.: MM-12017/10/2018-DGH/ENQ-133**

TENDER DOCUMENT  
FOR  
Building Maintenance contract for DGH offices for a period  
of one year

**Directorate General of Hydrocarbons  
Ministry of Petroleum & Natural Gas  
Govt. of India, India**

Phone No : (+91)-120-2472000	Office of : Director General (DGH)
Tele Fax : (+91)-120-2472049	OIDB Bhawan, Tower A, Plot No. 2, Sector – 73, NOIDA-201301, INDIA

**FORWARDING LETTER**

To,

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\_\_\_\_\_

Sub: Open E-Tender for “Building Maintenance contract for DGH offices for a period of one year”.

Dear Sir,

**1.0** Open tender under two bid system are invited in e-form from prospective Bidders through CPP e-bidding portal at <https://eprocure.gov.in/eprocure/app> for the above said service/work/supply/job, as per **Annexure-IV** at DGH, Noida at OIDB Bhawan. The salient features of the tender are:

1	E-Tender No.	MM-12017/10/2018-DGH/ENQ-133
2	Brief Description of the Services / Scope of Supply	Building Maintenance contract for DGH offices for a period of one year
3	Type of Bid	Open E-Tender under two Bid System (Techno-commercial Bid & Price Bid)
4	E-Bid and Original documents submission closing Date & Time	15/10/2018 at 14-00 hrs.(IST)
5	Place of Submission of original documents	Tender Box at Gr. Floor, Directorate General of Hydrocarbons (DGH), OIDB Bhawan, Tower A, Plot No. 2, Sector – 73, Noida -201 301, India.
6	Bid Opening Time, Date & Place	Techno-commercial bid: 1500 Hrs. (IST) on the <b>next date of Bid Closing date</b> and at the same address as above. Price bid: Opening time and date shall be intimated to technically qualified bidders.
7	Bid validity	90 days from bid closing date.
8	Bid Bond/ Earnest money Deposit Amount (original Bid Bond to be enclosed with Techno-commercial Bid only)	Rs. 1,50,000/-
9	Performance Guarantee to be submitted only by the Successful Bidder	7.5% of Annualized contract value valid for 60 days beyond the duration of contract i.e for 14 months.
10	Eligibility Criteria	As per Annexure-III of Tender document.

**2.0** Complete bid document is available at DGH’s web site [www.dghindia.gov.in](http://www.dghindia.gov.in) and Government of India’s Public Procurement Portal <http://eprocure.gov.in/cppp/>. The prospective bidders, confirming eligibility criteria as described at Annexure-

III, can participate in the tender, and submit their bids online only at GOI e-bidding portal <https://eprocure.gov.in/eprocure/app> with required bid security, documents, confirming the eligibility criteria, along with the other documents as stated in the e-tender document, before tender closing date and time. No physical bids will be accepted.

- 3.0** Addendum/ Corrigendum, if any, to the tender documents shall be uploaded on aforementioned websites only. Hence, bidders may view the same regularly till the bid submission date.
- 4.0** Bidders must submit their bid online at Government of India's Public Procurement Portal <https://eprocure.gov.in/eprocure/app>. No physical bids will be accepted.
- 5.0** Bidders are requested to go through the complete bid documents and the eligibility criteria under the Bid Rejection Criteria, Scope of work/supply etc. in particular before bid submission.
- 6.0** Two Bid system is being followed in this tender. Bidders should take due care to submit their bids in accordance with the requirement and as per the instructions given in the tender document(s). Instructions to bidders regarding "Submission of bid" are described at Cl. No. 7.0 (Page No. 6) of Annexure-I of bid document.

List of documents to be uploaded/submitted along with techno-commercial bid are also mentioned at Appendix-8 (Page No. 24) of Annexure-I of Bid document.

- 7.0** Bid Evaluation Criteria (BEC) shall be the basis for evaluation of bids. Prices should be quoted strictly as per Price Bid Format given.
- 8.0** DGH reserves the right to cancel the tender or reject / accept any / all bids without assigning any reason.
- 9.0** DGH expects the bidders to comply with the tender specifications, terms & conditions of the tender and submit their bid accordingly without any exceptions / deviations. Conditional bids indicating exceptions/ deviations to the tender clauses shall be rejected summarily.
- 10.0** Other details and terms/conditions are as per the following **Annexure I - VI**.

**You are invited to submit your e-bid against the above tender.**

Thanking you,

Ankit Gupta  
Dy.SE (M)-MM  
For Directorate General of Hydrocarbons

**Encl: As above**

**INSTRUCTIONS TO BIDDERS****A. INTRODUCTION**

**1.0 ELIGIBILITY AND EXPERIENCE OF THE BIDDER:-** (Please refer to “Technical & Commercial Rejection Criteria at **B1** of Bid Evaluation Criteria under **Annexure-III**).

**2.0 TRANSFER OF BIDDING DOCUMENT**

The Bidding document is not transferable.

**3.0 COST OF BIDDING**

The bidder shall be solely liable to bear all costs and expenses associated with the preparation and submission of its bid, and DGH will in no case be held responsible or liable for payment of any costs associated with the preparation or submission of the said bids irrespective of the outcome of the bidding process as also in case the entire bidding process or part thereof is nullified/ cancelled due to any reason whatsoever.

**B. THE BIDDING DOCUMENT****4.0 CONTENT OF BIDDING DOCUMENTS**

**4.1** The services/scope of supply required, bidding procedures and contract terms are described in the bidding document. In addition to the Invitation for Bids, the bidding documents include:

**ANNEXURE-I : Instructions to Bidders** with following Appendices.

Appendix 1 : Bid submission proforma.

Appendix 2 : Proforma of Authorization Letter for Attending Tender Opening.

Appendix 3 : Proforma Certificate on relatives of DG/Directors of DGH

Appendix 4 : Proforma for Changes/Modifications Sought by Bidders.

Appendix 5 : Bid Bond Bank Guarantee proforma.

Appendix 6 : Bank Guarantee for Performance Security

Appendix 7 : Undertaking / Declaration

Appendix 8 : List of documents to be uploaded/submitted along with techno-commercial bid

**ANNEXURE-II : General Terms & Conditions of Contract**

**ANNEXURE-III : Bid Evaluation Criteria**

**ANNEXURE-IV : Scope of Supply/Technical Specifications**

**ANNEXURE-V : Price Format/Price Schedule/BOM/BOQ**

**ANNEXURE-VI : E-Bidding Instructions to Bidders**

**4.2** The bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents will be at the bidder's risk. Tenders not complying with tender conditions and not conforming to tender specifications will result in the rejection of its bid without seeking any clarifications.

**5.0 CLARIFICATION ON BID DOCUMENT**

A bidder requiring any clarification of Bid Document should notify DGH in writing at the address provided in the forwarding letter. Clarifications, if any, shall in no case be sought later than **5 days prior** to the deadline prescribed herein for the submission of Bids. However, DGH may at its discretion provide clarifications on any relevant or crucial issue regarding the bid document and such clarifications shall not automatically cause any extensions of prescribed dates unless otherwise notified by DGH in writing within the original prescribed dates. In case no such extension of time is notified by DGH in writing then the original prescribed dates shall deem to apply.

## **6.0 AMENDMENT OF BID DOCUMENT**

**6.1** At any time prior to the deadline for submission of bids, DGH may at its own discretion and for any reason whatsoever whether at its own initiative or in response to a clarification requested by a bidder, modify the Bid Documents by the issuance of an Addendum.

**6.2** The Addendum will be hoisted on DGH's website and GoI's Public Procurement Portal only and all bidders are advised to visit aforesaid websites till the bid submission date to update themselves about modifications to the Bid documents, if any, in order to submit their offer accordingly.

**6.3** In order to allow the bidders reasonable time to take the amendment into account in preparing their bids, the DGH may at its discretion, extend the deadline for the submission of Bids and any such extension will be conveyed to the bidders through DGH's website.

## **C. PREPARATION OF BIDS**

### **7.0 SUBMISSION OF BID**

**7.1** The bidders shall submit the bids electronically and sign digitally.

**7.2** Tenders are invited online through Single stage and two envelope or bid systems. The first electronic envelope/bid is techno-commercial bid envelope and second electronic envelope is financial bid envelope.

**7.3** The bidder shall submit Techno-Commercial & Financial bids simultaneously.

**Note: Techno-Commercial bid will be evaluated first and thereafter financial bids of qualified bidders only shall be opened.**

**7.3.1** The techno-commercial bid electronic envelope will contain the follows:

- a. Scanned copy of the following original documents:
  - i. DD/ Bid Bond for EMD.
  - ii. Power of attorney or authorisation, or any other document consisting of adequate proof of the ability of the signatory to bind the bidder.
- b. Bid document (without indicating price in Price format/Price schedule/ BOM/ BOQ) and corrigendum/addendum, if any.
- c. Duly signed and scanned copies of required documents as mentioned at Appendix-8.

**All the uploaded documents shall be digitally signed by the authorized signatory of the bidder.**

**7.3.2** The Financial bid electronic envelope will contain: Scheduled of Rate/Price Schedule.

**Note: Detailed instructions regarding online bid submission are available in Annexure-VI of Tender Document as “E-Tendering instructions to the bidders”.**

- 7.4** Bidder shall submit the following original documents offline to HOD (MM) at Directorate General of Hydrocarbons office in Noida, on or before the date and time of closing of bids specified in NIT, in a properly sealed envelope:
- i) DD/ Bid Bond (Original) for EMD/Bid security.
  - ii) Power of Attorney for authorized signatory of the bid, or any other document consisting of adequate proof of the ability of the signatory to bind the bidder.
  - iii) Any other document, if specified, in the tender.

The envelope shall bear the name of the firm, Physical documents against e-Tender No. \_\_\_\_\_, name of work and the phrase “Do Not Open Before (Due date & time of opening of tender)”

**Note:** The responsibility for ensuring that envelope is delivered in time would be vested with the bidder. DGH shall not be responsible if the envelope is lost/ delivered elsewhere or late.

**7.5** The bid prepared by the bidder and all correspondence and documents relating to the bid exchanged by the Bidder and the DGH shall be written in English language. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the bid, the translation shall prevail. However, the said translations should be certified by some official translator.

**7.6** Bids shall be submitted in the prescribed bid proforma as per **appendices-1 to 8 of Annexure-I & Price schedule at Annexure-V**. The prescribed proforma at Appendices of **Annexure- I**, duly filled in and signed should be uploaded intact.

**7.7** In the event of the space on the bid proforma being insufficient for the required purpose, additional pages may be added. Each such additional page must be numbered consecutively, showing the tender number and should be duly signed. In such cases reference to the additional page(s) must be made in the bid.

**7.8** The bid proforma referred to above, if not returned or if returned but not duly filled in will be liable to result in rejection of the bid.

**7.9** The Bidders are advised in their own interest to ensure that all the documents mentioned at Appendix-8 should be uploaded with their techno-commercial bid failing which the offer is liable to be rejected.

**7.10** The bid papers, duly filled in and complete in all respects shall be submitted together with requisite information and Annexures / Appendices. It shall be complete and free from ambiguity, change or interlineations.

**7.11** The bidder should indicate at the time of quoting against this tender their full postal and telegraphic/telex /fax addresses and also similar information in respect of their authorized agents in India, if any.

**7.12** The Bidder shall sign its bid with the exact name of the firm to whom the contract is to be issued. The bid shall be signed by a duly authorised officer and in the case of a Company, the same shall be sealed with the company seal or otherwise appropriately executed under seal.

**7.13** The bidder shall clearly indicate their legal constitution and the person signing the bid shall state his capacity and also source of his ability to bind the Bidder.

**7.14** The power of attorney or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the bidder, shall be annexed to the bid.

## **8.0 COMPLIANCE WITH THE REQUIREMENTS OF BID EVALUATION CRITERIA (BEC) AND ALL OTHER TENDER CONDITIONS:**

### **8.1 Advice to bidders for avoiding rejection of their offers:**

DGH has to finalize its purchase / contracts within a limited time schedule. Therefore, it may not be feasible for DGH to seek clarifications in respect of incomplete offers. Prospective bidders are advised to ensure that their bids are complete in all respects and conform to DGH's terms, conditions and bid evaluation criteria of the tender. Bids not complying with DGH's requirement may be rejected without seeking any clarification.

**8.2** Prevailing Government guidelines regarding Tender Fee /Bid Security /Performance Security / Purchase or Price Preference shall be applicable, provided the bidder submits necessary evidence for eligibility, along with the bid.

## **9.0 BID PRICES**

**9.1** The bidders shall indicate on the appropriate price schedule the net unit prices (wherever applicable).

**9.2** Unit prices must be quoted by the bidder, both in words and in figures. Price quoted must remain firm during its performance of the Contract and is not subject to variation on any account. All duties and taxes payable by the bidder under the Contract for which this Bidding Document is being issued, shall be included in the rates, prices and total Bid Price submitted by the bidder, and the evaluation of bid shall be made accordingly.

**9.3** Prices quoted by the bidder shall be firm during the bidder's performance of the contract and not subject to variation on any account.

**9.4** Discount: Bidders are advised not to indicate any separate discount. Discount, if any, should be merged with the quoted prices. Discount of any type, indicated separately, will not be taken into account for evaluation purpose. However, in the event of such an offer, without considering discount, is found to be lowest, DGH shall avail such discount at the time of award of contract.

### **9.5 Concessions permissible under statutes:**

Bidder, while quoting against this tender, must take cognizance of all concessions permissible under the statutes including the benefit under existing Tax Acts, failing which it will have to bear extra cost where Bidder does not avail exemptions/ concessional rates of levies. DGH will not take responsibility towards this. However, DGH may provide necessary assistance, wherever possible, in this regard.

**9.5.1** Bidders may take note there would be NO customs duty exemption available for business tendered with DGH.

### **9.6 Income Tax Liability**

The bidder will have to bear all Income Tax liability both corporate and personal tax.



## **9.7 GST Liability:**

- 9.7.1** The bidder will have to bear all GST liability, as applicable except in case of services provided by Goods Transport Agency (GTA) and Services provided by a service provider from outside India not having a fixed establishment or permanent address in India as prescribed under GST Law (amended from time to time)
- 9.7.2** The Bidder should quote the applicable GST, clearly indicating the rate and the amount of GST included in the bid and the classification of the respective service (as per GST law) under which the GST is payable.
- 9.7.3** In the contracts involving multiple services or involving supply of certain goods / materials along with the services, the Bidder should give separate break-up for cost of goods and cost of various services, and accordingly quote GST as applicable for the taxable services.
- 9.7.4** In case the applicability of GST is not quoted explicitly in the offer by the Bidder, the offer will be considered as inclusive of all liabilities of GST. DGH will not entertain any future claim in respect of GST against such offers.
- 9.7.5** In case, the quoted information related to various taxes and duties subsequently proves wrong, incorrect or misleading:-
- a) DGH will have no liability to reimburse the difference in duty / tax, if the finally assessed amount is on the higher side.
  - b) DGH will have the right to recover the difference in case the rate of duty / tax finally assessed is on the lower side.
- 9.7.6** The service provider should have a valid registration with the concerned authorities of GST and a copy of such registration certificate should be submitted along with the offer. In case the registration certificate for the quoted category of service is not available at the time of submission of offer, an undertaking should be furnished for submission of copy of requisite GSTIN certificate along with the first invoice under the contract.
- 9.7.7** GST on contracts for transportation of goods by road in a goods carriage (Applicable for Goods Transport where the contract is for transportation / logistics and not the service/ turnkey contracts where transportation is a part):  
In this case, since the liability to pay GST is on DGH as receiver of service, the Bidder shall not include GST in the quoted prices.
- 9.7.8** As the above statutory provisions are frequently reviewed by the Government, the bidders are advised to check the latest position in their own interest and DGH will not bear any responsibilities for incorrect assessment of statutory levies by any bidder.

**10.0 PAYMENT TERMS:** Within 30 days of receipt of Invoices after complete supply, installation & commissioning of cloud servers.

## **11.0 MODE OF PAYMENT**

In all cases, DGH shall make payments only through Electronic Payment mechanism (viz. NEFT/RTGS /ECS). Bidders should invariably provide the following particulars along with their offers:

1. Name & Complete Address of the Supplier / Contractor as per Bank records.
2. Name & Complete Address of the Bank with Branch details.
3. Type of Bank account (Current / Savings/Cash Credit).
4. Bank Account Number (indicate 'Core Bank Account Number', if any).
5. IFSC / NEFT Code (11 digit code) / MICR code, as applicable, alongwith a cancelled cheque leaf.
6. Permanent Account Number (PAN) under Income Tax Act;

7. GST Registration Number.
8. E-mail address of the vendor / authorized official (for receiving the updates on status of payments)."
9. Confirmation as to whether the bidder belong to the category of Micro, Small and Medium Enterprises as defined in the "Micro, Small and Medium Enterprises Development Act, 2006 (MSMEDA)". If yes, specify the category of Micro, Small or Medium Enterprises and whether the enterprise is in manufacturing or service industry, along with valid documentary evidence.
10. Any other details as required by the remitting bank.

For receiving payment through NEFT / RTGS, the bank/branch in which the bidder is having account and intends to have the payment should be either an NEFT enabled bank or SBI branch with core banking facility.

## **12.0 VAGUE AND INDEFINITE EXPRESSIONS**

**12.1** Bids qualified by vague and indefinite expressions such as "Subject to availability" etc. will not be considered.

## **13.0 PERIOD OF VALIDITY OF BIDS**

**13.1** The Bid shall be valid for **90 days** after the date of bid opening for acceptance for the period as indicated in the "Invitation for Bid" (hereinafter referred to as validity period) and shall not be withdrawn on or after the opening of bids till the expiration of the validity period or any extension agreed thereof.

**13.2** In exceptional circumstances, prior to expiry of the original bid validity period, the DGH may request the bidder for a specified extension in the period of validity. The requests and the responses shall be made in writing. The Bidder will undertake not to vary/modify the bid during the validity period or any extension agreed thereof. Bidder agreeing to the request for extension of validity of offer shall be required to extend the validity of Bid Security correspondingly.

## **14.0 BID SECURITY**

**14.1** The Bid Security is required to protect the DGH against the risk of Bidder's conduct which would warrant the security's forfeiture in pursuance to clause **14.7**.

**14.2** MSEs eligible as per Ministry of MSME's guidelines, and Government Departments will be exempted from Bid Security, provided the bidder submits necessary evidence for eligibility, along with the bid.

**14.3** The Bidders not covered under Para **14.2** above must enclose the bid security with their offer with the techno-commercial bid. The amount for bid security has been indicated in the "Invitation For Bid".

**14.4** The Bid Security shall be acceptable in any of the following forms:

- (i) An account payee Demand Draft in favour of "Directorate General of Hydrocarbons" payable at New Delhi valid for **90 days** from its date of issue.
- (ii) A Bank Guarantee as per **Appendix 5**. Bank Guarantee issued from any of the Nationalised / scheduled Bank in India on non-judicial stamp paper of requisite value, as per Indian Stamp Act, purchased in the name of the Banker valid for **45 days** beyond the validity of the bids asked for in the tender.

**14.5** DGH shall not be liable to pay any bank charges, commission or interest on the amount of Bid Security.

**14.6** Subject to provisions in para **14.2** above, offers without Bid Security will be ignored.

**14.7** The Bid Security shall be forfeited:

a) If Bid is withdrawn during the validity period or any extension thereof duly agreed by the Bidder.

b) If Bid is varied or modified in a manner not acceptable to DGH during the validity period or any extension of the validity duly agreed by the Bidder.

c) If a Bidder, having been notified of the acceptance of its bid, fails to furnish Security Deposit/Performance Bank Guarantee (Performance Security) within 21 days of notification of such acceptance.

**14.8** The Bid Security of unsuccessful Bidders will be returned on finalization of the bid. The Bid Security of successful bidder will be returned on receipt of Security Deposit/Performance Bond (Performance Security).

**15.0 TELEFAX / e-MAIL / XEROX / PHOTOCOPY BIDS AND THE BIDS CONTAINING SCANNED SIGNATURE:**

**15.1** Telefax / e-mail / Xerox / Photocopy bids and bids with scanned signature will not be considered.

Original bids should be signed manually failing which they shall be rejected.

**d. SUBMISSION AND OPENING OF BIDS**

**16.0 SEALING AND MARKING OF BIDS.**

**16.1** Offers are to be submitted in electronically. The first electronic cover/envelope will contain Techno-Commercial bids having all details but with price column blanked out. **However a tick mark (✓) shall be provided against each item of the price bid format to indicate that there is a quote against this item in the Price bid.** The second sealed electronic cover/envelope will contain only the price schedule duly filled in and digitally signed.

Physical documents as mentioned in the bid document must be reached at DGH office before bid closing date and time.

**16.2** DGH reserves the right to ignore any offer which fails to comply with the above instructions.

**16.3** DGH will not be held responsible for any loss or late received of e-bid due to server problem and others.

**16.4** DGH will not be held responsible for the loss of or for the delay in postal transit.

**17.0 DEADLINE FOR SUBMISSION OF BIDS**

**17.1** The e-bid must be received by the DGH electronically not later than **1400 Hrs** (IST) on the notified date of closing of the tender. Required original documents, as mentioned at 7.4 of Annexure-I, must be reached before the tender closing date and hours at the following address:

**HOD (MM)  
Directorate General of Hydrocarbons  
OIDB Bhawan,  
Tower A, Plot No.2, Sector-73,  
NOIDA-201301**

Original documents sent by hand delivery should be put in the Tender Box at the specified office not later than **1400 Hrs.** (IST) on the specified date. **Original documents received by post without proper superscription of Physical Documents against Tender number \_\_\_\_\_, Bid Closing Date and other details on the outer envelope will be opened in DGH office as ordinary mail and may not be considered.**

## **18.0 LATE BIDS**

- 18.1** Bidders are advised in their own interest to ensure that e-bid and required physical documents against tender must reach the specified office well before the closing date and time of the bid.
- 18.2** Physical documents received after closing date and time of the bid, will be rejected and returned unopened.

## **19.0 MODIFICATION AND WITHDRAWAL OF BIDS**

- 19.1** No e-bid may be modified after the dead line for submission of bids.

## **20.0 OPENING OF BIDS**

**20.1** The bid will be opened at **1500 Hrs.** (IST) on the date of opening indicated in "Invitation for Bid". The Bidder or his authorized representative may be present at the time of opening of bid on the specified date, but a letter in the form annexed at **Appendix- 2** hereto must be forwarded to this office along with bid and a copy of this letter must be produced in the office by the person attending the opening of bid. Unless this letter is presented by him, he may not be allowed to attend the opening of bid.

**20.2** Price Bids of the technically qualified Bidders will be opened on a specific date in presence of interested qualified bidders. Bidders will be intimated about the bid opening date in advance.

**20.3** In case of unscheduled holiday on the closing/opening day of bid, the next working day will be treated as scheduled prescribed day of closing/opening of bid, the time notified remaining the same.

## **e. EVALUATION OF BIDS**

### **21.0 EVALUATION AND COMPARISON OF BIDS**

**21.1** Evaluation and comparison of bids will be done as per provisions of Bid Evaluation Criteria at **Annexure-III**.

### **22.0 UNSOLICITED POST TENDER MODIFICATIONS**

**22.1** Unsolicited post-tender modification will lead to straight away rejection of the offer.

### **23.0 EXAMINATION OF BID**

**23.1** The DGH will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are generally in order.

**23.2 DGH will determine the conformity of each bid to the bidding documents. Bids falling under the purview of “Rejection Criteria” of the bid Evaluation Criteria of the bidding document will be rejected.**

## **24.0 SPECIFICATIONS**

**24.1** The Bidder must note that its Bid will be rejected in case the tender stipulations are not complied with strictly or the services offered do not conform to the required specifications indicated therein. The lowest Bid will be determined from among those Bids which are in full conformity with the required specifications.

## **25.0 PURCHASE PREFERENCE**

**25.1** Purchase preference to Micro and Small Enterprises registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME.

**25.2** A) Purchase preference policy-linked with Local Content (PP-LC) notified vide letter No O-27011/44/2015-ONG/II/FP dated 25.04.2017 of MoPNG and subsequent relevant order/s shall be applicable in this tender. Bidders seeking benefits under Purchase Preference Policy shall have to submit all undertakings/documents applicable to this policy.

B) In case a bidder is eligible to seek benefits under PP-LC policy as well as Public Procurement Policy for MSEs – Order 2012, then the bidders should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy. If a bidder seeks free of cost tender document under the MSE policy, then it shall be considered that the bidder has sought benefit against the MSE policy and this option once exercised cannot be modified subsequently.

C) Bidders seeking Purchase preference (linked with local content) (PP - LC) shall be required to meet / exceed the target of Local Content (LC).

**25.3** Purchase preference policy-linked with Public Procurement (Preference to Make in India) order 2017 notified vide letter No 33(1)/2017/IPHW dated: 14.09.2017 of Ministry of Electronics & Information Technology (Meity) and subsequent relevant order/s shall be applicable in this tender. Bidders seeking benefits under Purchase Preference Policy shall have to submit all undertakings/documents applicable to this policy.

## **f) AWARD OF CONTRACT**

### **26.0 AWARD CRITERIA**

DGH will award the Contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

### **27.0 DGH'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS.**

**27.1** DGH reserves the right to reject, accept or prefer any bid and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for DGH's action. The DGH also reserves to itself the right to accept any bid in part or split the order between two or more bidders.

## **28.0 NOTIFICATION OF AWARD (NOA)**

**28.1** Prior to the expiration of the period of bid validity, DGH will notify the successful bidder in writing that its bid has been accepted.

**28.2** The notification of award will constitute the formation of the contract.

**28.3** Upon the successful bidder's furnishing performance security, pursuant to clause 30, the Purchaser will promptly notify each unsuccessful bidder and discharge their bid securities.

## **29.0 PERFORMANCE SECURITY:**

**29.1** Successful bidder shall submit the performance security, 7.5% of Annualized contract value with validity 02 months beyond the duration of contract, within 21 days of placement of Letter of Award (LoA)/ Notification of Award (NoA). The successful bidder shall furnish to DGH the Performance Security for an amount specified above or the amount mentioned in Letter of Award, issued by DGH to Contractor awarding the contract, as per **Appendix – 6** in the form of Bank Guarantee (BG) from any Nationalised / Scheduled Bank in India. Bank Guarantees issued by Banks should be on non-judicial stamp paper of requisite value, as per Indian Stamp Act, purchased in the name of the Banker.

**29.2** The performance security specified above must be valid as per time period mentioned above at 29.1, to cover the warranty obligations indicated in **clause 7.0** of General Terms & Conditions hereof. The same will be discharged by DGH not later than 30 days following its expiry. In the event of any extension of the Contract period, Bank Guarantee should be extended by Contractor by the period equivalent to the extended period.

**29.3** The performance security shall be payable to DGH as compensation for any loss resulting from Contractor's failure to fulfil its obligations under the Contract.

**29.4** The Performance Security will not accrue any interest during its period of validity or extended validity.

## **30.0 SIGNING OF CONTRACT:**

At the same time as Purchaser notifies the successful Bidder that its bid has been accepted, the Purchaser will send the Bidder the contract/supply order in duplicate. The contract against this tender will be governed in accordance with the General Terms & Conditions of Contract at **Annexure-II**. The successful Bidder will return one copy of the supply order/contract duly signed on each page as token of confirmation/acceptance.

\*\*\*\*\*

**BID SUBMISSION PERFORMA**

Tender No..... Bidder's Telegraphic Address :  
\_\_\_\_\_  
Telephone No :  
\_\_\_\_\_  
FAX NO :

Directorate General of Hydrocarbons .  
OIDB Bhawan, Tower A, Plot No. 2, Sector – 73, Noida -201 301.

Dear Sirs,

1. I/We hereby offer to supply the services detailed in schedule hereto or such portion thereof as you specify in the Acceptance of Tender at the price given in the said schedule and agree to hold this offer open for the period as per the Forwarding letter or till **90 days from the date of closing of bid.**

2. I/We hereby confirm that the quoted prices will remain firm for the entire contract duration.

3. I/We have understood and complied with the "Instructions to Bidders" at **Annexure-I**, "Bid Evaluation Criteria" at **Annexure-III**, and accepted the "General Terms and Conditions" at **Annexure-II** for providing services/work/supply, and have thoroughly examined and complied with the Scope of Supply/Technical specification at **Annexure-IV**, hereto and am/are fully aware of the nature of the service/work/job required and my/our offer is to provide services strictly in accordance with the requirements.

Yours faithfully,

Signature  
of the Bidder

\_\_\_\_\_  
Name\_\_\_\_\_

\_\_\_\_\_  
Seal of the Company

\_\_\_\_\_  
Dated

Signature of witness

Address

**Note: This form should be returned along with offer duly signed.**

**AUTHORISATION LETTER FOR ATTENDING TENDER OPENING**

No. Date.....

To,  
The  
Directorate General of Hydrocarbons.  
OIDB Bhawan, Tower A, Plot No. 2, Sector – 73, Noida -201 301,India.

Subject : **Tender No.**----- **due on**-----

Sir,

Mr..... has been authorised to be present at the time of opening of above tender due on..... at ....., on my/our behalf.

Yours faithfully

Signature of Bidder

**Copy to:** Mr. ....for information and for production before the HoD (MM) at the time of opening of bids.



**PROFORMA CERTIFICATE ON RELATIVES  
OF DIRECTOR OF DGH**

This has reference to our proposed contract regarding ..... to be entered into with Directorate General of Hydrocarbons (DGH).

We certify that to the best of my/our knowledge:

- (i) I am not a relative of any DG / Director of DGH;
- (ii) We are not a firm in which a DG / Director of DGH or his relative is a partner;
- (iii) I am not a partner in a firm in which a DG / Director of DGH or his relative is a partner;
- (iv) We are not a private company in which a DG / Director of DGH is a Member or Director;
- (v) We are not a company in which DG / Directors of DGH hold more than 2 % of the paid-up share capital of our company or vice-versa.

**Authorised Signatory of  
The Contracting Party**

**Place...**

**Date...**

**PROFORMA FOR CHANGES/ MODIFICATIONS SOUGHT BY BIDDERS TO THE BIDDING CONDITIONS**

DGH expects the bidders to fully accept the terms and conditions of the bidding documents. However, changes/ modifications to the terms and conditions of bidding documents, if any proposed, can be communicated in the following proforma, in case pre-bid is not held. This can be used even in cases where pre-bid is held, to inform about the proposals in advance to the pre-bid date.

<b>Clause No. of Bidding Document</b>	<b>Full compliance/ not agreed</b>	<b>Changes/ modifications proposed by the Bidders</b>	<b>REMARKS</b>

Note: If left blank, it will be construed that bidder has **not taken** any exceptions/ deviations to the terms and conditions of the bid document.

Signature of the Bidder

.....

Name.....

Seal of the Company

.....

Note: - Bids maintaining or taking exceptions/deviations beyond the bid closing date shall be rejected straightaway.

**Proforma of Bank Guarantee towards Bid Security  
BID BOND**

Ref. No.....

Bank Guarantee No.....

Dated .....

To,

Directorate General of Hydrocarbons

OIDB Bhawan, Tower A, Plot No. 2, Sector – 73, Noida -201 301, India.

Dear Sirs,

1. Whereas Directorate General of Hydrocarbons, having its office at OIDB Bhawan, Tower A, Plot No. 2, Sector – 73, Noida -201 301, India. (hereinafter called 'DGH' which expression unless repugnant to the context or meaning thereof shall mean and include all its successors, administrators, executors and assignees) has floated a Tender No. \_\_\_\_\_ and M/s \_\_\_\_\_ having Head/Registered office at \_\_\_\_\_ (hereinafter called the 'Bidder' which expression unless repugnant to the context or meaning thereof shall mean and include all its successors, administrators, executors and permitted assignees) have submitted a bid Reference No..... and Bidder having agreed to furnish as a condition precedent for participation in the said tender an unconditional and irrevocable Bank Guarantee of Indian Rupees (in figures)\_\_\_\_\_ (Indian Rupees (in words)\_\_\_\_\_ only) for the due performance of Bidder's obligations as contained in the terms of the Notice Inviting Tender (NIT) and other terms and conditions contained in the Bidding documents supplied by DGH which amount is liable to be forfeited on the happening of any contingencies mentioned in said documents.

2. We (name of the bank)\_\_\_\_\_ registered under the laws of\_\_\_\_\_ having its head/registered office at \_\_\_\_\_ (hereinafter referred to as "the Bank" which expression, unless repugnant to the context or meaning thereof, shall mean and include all its successors, administrators, executors and permitted assignees) do hereby guarantee and undertake to pay immediately on the first demand by DGH, the amount of Indian Rs. (in figures) \_\_\_\_\_ (Indian Rupees (in words) \_\_\_\_\_ only) in aggregate at any time without any demur and recourse, and without DGH having to substantiate the demand. Any such demand made by DGH shall be conclusive and binding on the Bank irrespective of any dispute or difference raised by the Bidder.

3. The Bank confirms that this guarantee has been issued with observance of appropriate laws of the country of issue.

4. The Bank also agree that this guarantee shall be irrevocable and governed and construed in accordance with Indian Laws and subject to exclusive jurisdiction of Indian Courts of the place from where the Bank Guarantee has been issued..

5. This guarantee shall be irrevocable and shall remain in force up to \_\_\_\_\_ which **includes forty-five days** after the period of bid validity and any demand in respect thereof should reach the Bank not later than the aforesaid date.

6. Notwithstanding anything contained hereinabove, our liability under this Guarantee is limited to Indian Rs (in figures) \_\_\_\_\_ (Indian Rupees (in

words) \_\_\_\_\_ only) and our guarantee shall remain in force until (indicate the date of expiry of bank guarantee) \_\_\_\_\_.

Any claim under this Guarantee must be received by us before the expiry of this Bank Guarantee. If no such claim has been received by us by the said date, the rights of DGH under this Guarantee will cease. However, if such a claim has been received by us by the said date, all the rights of DGH under this Guarantee shall be valid and shall not cease until we have satisfied that claim. In witness whereof, the Bank, through its authorized officer, has set its hand and stamp on this ..... day of ..... at .....

WITNESS NO. 1

-----  
(Signature)  
Full name and official  
address (in legible letters)

-----  
(Signature)  
Full name, designation and  
official address (in legible  
letters) with Bank stamp.

Attorney as per Power of  
Attorney No.....  
Dated .....

WITNESS NO. 2

-----  
(Signature)  
Full name and official  
address (in legible letters)

Notes: The expiry date as mentioned in clause **5 & 6** should be arrived at by adding **45** days to the date of expiry of the bid validity unless otherwise specified in the bidding documents.

Ref. No.      Bank Guarantee No.      Dated.

Dear Sirs,

**1.2** We (name of the bank) \_\_\_\_\_ registered under the laws of \_\_\_\_\_ having head/registered office at \_\_\_\_\_ (hereinafter referred to as "the Bank", which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators, executors and permitted assignees) do hereby guarantee and undertake to pay immediately on first demand in writing any /all moneys to the extent of Indian Rs (in figures) \_\_\_\_\_ (Indian Rupees (in words) \_\_\_\_\_) without any demur, reservation, contest or protest and/or without any reference to the CONTRACTOR. Any such demand made by DGH on the Bank by serving a written notice shall be conclusive and binding, without any proof, on the bank as regards the amount due and payable, notwithstanding any dispute(s) pending before any Court, Tribunal, Arbitrator or any other authority and/or any other matter or thing whatsoever, as liability under these presents being absolute and unequivocal. We agree that the guarantee herein contained shall be irrevocable and shall continue to be enforceable until it is discharged by DGH in writing. This guarantee shall not be determined, discharged or affected by the liquidation, winding up, dissolution or insolvency of the CONTRACTOR and shall remain valid, binding and operative against the bank.

**1.3** The Bank also agrees that DGH 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 DGH may have in relation to the CONTRACTOR's liabilities.

**1.4** The Bank further agrees that DGH shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said CONTRACT or to extend time of performance by the said CONTRACTOR(s) from time to time or to postpone for any time or from time to

time exercise of any of the powers vested in DGH against the said CONTRACTOR(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said CONTRACTOR(s) or for any forbearance, act or omission on the part of DGH or any indulgence by DGH to the said CONTRACTOR(s) or any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

**1.5** The Bank further agrees that the Guarantee herein contained shall remain in full force during the period that is taken for the performance of the CONTRACT and all dues of DGH under or by virtue of this CONTRACT have been fully paid and its claim satisfied or discharged or till DGH discharges this guarantee in writing, whichever is earlier.

**1.6** This Guarantee shall not be discharged by any change in our constitution, in the constitution of DGH or that of the CONTRACTOR.

**1.7** The Bank confirms that this guarantee has been issued with observance of appropriate laws of the country of issue.

**1.8** The Bank also agrees that this guarantee shall be governed and construed in accordance with Indian Laws and subject to the exclusive jurisdiction of Indian Courts of the place from where the Bank Guarantee has been issued.

**1.9** Notwithstanding anything contained herein above, our liability under this Guarantee is limited to Indian Rs. (in figures) \_\_\_\_\_ (Indian Rupees (in words) \_\_\_\_\_) and our guarantee shall remain in force until \_\_\_\_\_.(indicate the date of expiry of bank guarantee).

Any claim under this Guarantee must be received by us before the expiry of this Bank Guarantee. If no such claim has been received by us by the said date, the rights of DGH under this Guarantee will cease. However, if such a claim has been received by us within the said date, all the rights of DGH under this Guarantee shall be valid and shall not cease until we have satisfied that claim.

In witness whereof, the Bank through its authorised officer has set its hand and stamp on this ..... day of .....20\_\_ at .....

WITNESS NO. 1

-----  
(Signature)  
Full name and official  
address (in legible letters)  
with Bank stamp

-----  
(Signature)  
Full name, designation and  
address (in legible letters)

Attorney as per power of  
Attorney No.....  
Dated .....

WITNESS NO. 2

-----  
(Signature)  
Full name and official  
address (in legible letters)

**Undertakings / Declaration (To be submitted at Company's letter head)**

Tender No. MM-12017/10/2018-DGH/ENQ-133 for "Building Maintenance contract for DGH offices for a period of one year".

1. GST Tax Registration (*strike off whichever is not applicable*)

We have submitted a copy of valid GST registration certificate under Goods and Service tax rules.

**OR**

We undertake to submit copy of requisite Goods and Service tax registration certificate along with the first invoice under the contract.

2. We declare that neither we, the bidders, nor any of our allied concerns, partners or associates or directors or proprietors involved in any capacity with this tender, are currently serving any banning orders issued by DGH debarring them from carrying on business dealings with DGH.
3. We hereby undertake that all the documents/ certificates / information submitted by them against the tender are genuine.

Signature of the Bidder

.....

Name.....

Seal of the Company

.....

**LIST OF THE DOCUMENTS TO BE UPLOADED/SUBMITTED ALONG WITH  
TECHNICAL-COMMERCIAL BID**

**A. List of Documents to be uploaded in Techno-commercial electronic envelope:**

The tenderer shall upload the following digitally signed documents in Techno-commercial electronic envelope. Any bid not accompanying the below mentioned documents shall be liable for rejection:

1. DD/Bid bond as EMD in the prescribed format as mentioned in the bid document.
2. Duly signed and scanned copy of Experience Certificate in accordance with clause no. B.1 (Technical Rejection Criteria) at Annexure-III of tender document.
3. Duly signed and scanned copy of PAN Card/TAN.
4. Duly signed and scanned copy of registration of firm in case of registered firm / company/proprietorship, partnership deed in cases of partnership firm.
5. Duly filled, signed and scanned copy of required Appendices (Appendix-1, 2, 3, 4 & 7) at Annexure-I.
6. Digitally signed copy of bid document (un-priced) and corrigendum/addendum, if any, as confirmation/acceptance of all tender conditions in toto.
7. The power of attorney or authorisation, or any other document consisting of adequate proof of the ability of the signatory to bind the bidder, in original, when the power of attorney is a special "Power of Attorney" relating to the specific tender of DGH only.

A notarized true copy of the "Power of Attorney" shall also be accepted in lieu of the original, if the power of attorney is a general "Power of Attorney". However, photocopy of such notarized true copy shall not be accepted.

8. Self-attested copy of GST registration certificate or undertaking as per Appendix-7 of Annexure-I.
9. Undertaking on the company's letter head and duly signed by the signatory of the bid that all the documents/ certificates / information submitted by them against the tender are genuine.
10. Declaration on the company's letter head and duly signed by the signatory of the bid that neither the bidders themselves, nor any of its allied concerns, partners or associates or directors or proprietors involved in any capacity, are currently serving any banning orders issued by DGH debarring them from carrying on business dealings with DGH.

**B. List of Documents to be submitted offline in original:**

DD/Bid Bond for EMD (Sr. No. 1 above) and Power of attorney (Sr. No. 7 above) are also to be submitted offline in original before tender closing date and time.



**MODEL CONTRACT AND GENERAL CONDITIONS OF CONTRACT**

(To be signed with the successful bidder)

This CONTRACT is made and entered into on this .....day of ...Two thousand and .... by and between Directorate General of Hydrocarbons having its office at OIDB Bhawan, Tower A, Plot No. 2, Sector – 73, Noida -201 301, India (hereinafter referred to as DGH which expression unless repugnant to the context or meaning hereof shall include its successors, administrators, executors and assignees) on the one part and M/s ..... a company registered under the companies Act with its Registered office at ..... referred to as the “CONTRACTOR” (which expression unless repugnant to the context or meaning hereof shall include its successors, administrators, executors and permitted assignees) on the other part. Whereas DGH is desirous of ..... (Description of services) for carrying out DGH's operations conforming to specifications as set forth in the Scope of Supply/Schedule of rates at **Annexure-IV** of this agreement. And Whereas the CONTRACTOR represents that it has the necessary experience for carrying out DGH's operations as referred to herein and has submitted a bid for providing the required services against DGH's Tender No..... all in accordance with the terms and conditions set forth herein and any other reasonable requirements of the DGH from time to time. And Whereas DGH's has accepted the bid of the CONTRACTOR and has placed Fax order / Letter of Intent / Notification Of Award vide its letter .....dated.... On the CONTRACTOR. Now it is hereby agreed to by and between the parties as under:

**1.0 DEFINITIONS:**

Unless inconsistent with or otherwise indicated by the context, the following terms stipulated in this CONTRACT shall have the meaning as defined hereunder.

**1.1 CONTRACT**

Shall mean a written CONTRACT signed between DGH and the CONTRACTOR (the successful bidder) including subsequent amendments to the CONTRACT in writing thereto.

**1.2 DGH:**

DGH or Directorate General of Hydrocarbons., India means an organization including its successors, under the Ministry of Petroleum & Natural Gas, Government of India.

**1.3 SITE:**

Shall mean the place in which the services are to be carried out or places approved by the DGH for the purposes of the CONTRACT together with any other places designated in the CONTRACT as forming part of the site.

**1.4 DGH'S SITE REPRESENTATIVE:**

Shall mean the person or the persons appointed by DGH from time to time to act on its behalf at the site for overall co-ordination, supervision and project management at site.

**1.5 CONTRACTOR:**

Shall mean any person/ persons/ firm/ company etc. whose bid has been accepted by DGH and to whom work has been awarded under this contract and shall include its authorized representatives, successors and permitted assignees.

**1.6 SUB-CONTRACT:**

Shall mean order/ contract placed by the CONTRACTOR for any portion of the CONTRACT or work sublet with necessary written consent of DGH on third party. Such

sub-letting shall not relieve the CONTRACTOR from any of its obligation, duty or responsibility under the CONTRACT.

**1.7 SUB-CONTRACTOR:**

Shall mean any person or persons or firm or their legal representatives, successors, assignees to whom part of CONTRACT has been sublet by the CONTRACTOR after necessary written consent of DGH.

**1.8 CONTRACTOR'S REPRESENTATIVE**

Shall mean such person/or persons duly appointed representative at the site and base as the CONTRACTOR may designate in writing to the DGH as having authority to act for the CONTRACTOR in matters affecting the work and to provide the requisite services.

**1.9 CONTRACT PRICE**

Shall mean the sum accepted or the sum calculated in accordance with the rates accepted by DGH and amendments thereof, and shall include all fees, registration and other charges paid to statutory authorities without any liability on DGH for any of these charges. The prices will remain firm during currency of the CONTRACT unless specifically agreed to in writing by DGH.

**1.10 DAY**

Shall mean a calendar day of twenty-four (24) consecutive hours beginning at 0000 hours with reference to local time at the site.

**1.11 EQUIPMENT/MATERIALS/GOODS:**

Shall mean and include any equipment, machinery, instruments, stores, goods which CONTRACTOR is required to provide to the DGH for/under the CONTRACT and amendments thereto.

**1.12 WORKS / OPERATIONS:**

Shall mean all work to be performed by the CONTRACTOR as specified in the Scope of Work under this CONTRACT.

**1.13 GUARANTEE:**

Shall mean the period and other conditions governing the warranty/guarantee of the works as provided in the CONTRACT.

**1.14 MOBILISATION:**

Shall mean rendering the necessary equipment fully manned and equipped as per requirements of the CONTRACT and ready to begin work at designated site. The date and time of DGH's acceptance will be treated as the date and time of mobilisation.

**1.15 DEMOBILISATION:**

Shall mean the removal of all things forming part of the mobilization from the site designated by DGH. The date and time of DGH's acceptance shall be treated as the date and time of demobilization

**1.16 DRAWINGS:**

Shall mean and include all Engineering sketches, general arrangements/ layout drawings, sectional plans, all elevations, etc. related to the CONTRACT together with modification and revision thereto.

**1.17 SPECIFICATIONS:**

Shall mean and include detailed description, statements to technical data, performance characteristics, and standards (Indian as well as International) as applicable and as specified in the CONTRACT.

**1.18 INSPECTORS:**

Shall mean any person or outside Agency nominated by DGH to inspect equipment, materials and services, if any, in the CONTRACT stage wise as well as final as per the terms of the CONTRACT.

**1.19 TESTS:**

Shall mean such process or processes to be carried out by the CONTRACTOR as are prescribed in the CONTRACT considered necessary by DGH or their representative in CONTRACT to ascertain quality, workmanship, performance and efficiency of equipment or services thereof.

**1.20 FACILITY:**

Shall mean all property of the DGH owned or hired by DGH.

**1.21 THIRD PARTY**

Shall mean any group, person or persons who may be engaged in activity associated with the work specified but who shall remain at an arm's length from the work and who shall not have a direct responsibility or authority under the terms of this CONTRACT.

**1.22 APPROVAL:**

Shall mean and include the written consent duly signed by DGH or their representative in respect of all documents, drawings or other particulars in relation to the CONTRACT

**1.23 SINGULAR/ PLURAL WORDS:**

Save where the context otherwise requires, words imparting singular number shall include the plural and vice versa and words imparting neutral gender shall include masculine or feminine gender and vice versa.

**1.24 GROSS NEGLIGENCE:**

Shall mean any act or failure to act (whether sole, joint or concurrent) by a person or entity which was intended to cause, or which was in reckless disregard of or wanton indifference to, avoidable and harmful consequences such person or entity knew, or should have known, would result from such act or failure to act. Notwithstanding the foregoing, Gross negligence shall not include any action taken in good faith for the safeguard of life or property,

**1.25 WILLFUL MISCONDUCT:**

Shall mean intentional disregard of good and prudent standards of performance or proper conduct under the CONTRACT with knowledge that it is likely to result in any injury to any person or persons or loss or damage of property.

**2.0 SCOPE OF SUPPLY / WORK / CONTRACT:**

Scope of the SUPPLY/WORK/CONTRACT shall be as defined in the CONTRACT, specifications at **Annexure-IV**.

**3.0 EFFECTIVE DATE, MOBILISATION TIME, DATE OF COMMENCEMENT OF THE CONTRACT AND DURATION OF CONTRACT:**

**3.1 EFFECTIVE DATE OF CONTRACT:** The contract shall become effective after placement of LOA. DGH notifies the successful bidder, in writing through Letter of Awards (LOA) that it has been awarded the contract.

**3.2 MOBILISATION TIME:** The mobilization should be completed by Contractor within the stipulated period under the contract. Mobilization shall be deemed to be completed when contractor's equipment & manpower are placed at the nominated location in readiness to commence Work as envisaged under the Contract duly certified by the DGH's authorized representative.

**3.3 DATE OF COMMENCEMENT OF CONTRACT:** The date on which LOA is placed, will be treated as date of commencement of Contract.

**3.4 DURATION OF CONTRACT:** The contract shall be for a period of 01 year from the date of placement of LOA.

**4.0 GENERAL OBLIGATIONS OF CONTRACTOR:** Contractor shall, in accordance with and subject to the terms and conditions of this Contract:

4.1 Perform the work described in the Scope of Work / Technical Specifications (**Annexure IV**) in most competent manner both technically & systematically and also in economic and cost effective manner.

4.2 Except as otherwise provided in the Terms of Reference and the special Conditions of the contract provide all manpower as required to perform the work.

4.3 Perform all other obligations, work and services which are required by the terms of this contract or which reasonably can be implied from such terms as being necessary for the successful and timely completion of the work.

4.4 Contractor shall be deemed to have satisfied himself before submitting his bid as to the correctness and sufficiency of its bid for the services required and of the rates and prices quoted, which rates and prices shall, except insofar as otherwise provided, cover all its obligations under the contract.

4.5 Contractor shall give or provide all necessary supervision during the performance of the services and as long thereafter within the warranty period as DGH may consider necessary for the proper fulfilling of Contractor's obligations under the contract.

**5.0 GENERAL OBLIGATIONS OF DGH:** DGH shall, in accordance with and subject to the terms and conditions of this contract:

5.1 Pay Contractor in accordance with terms and conditions of the contract.

5.2 Allow Contractor and his personnel access, subject to normal security and safety procedures, to all areas as required for orderly performance of the work.

5.3 Perform all other obligations required of DGH by the terms of the contract.

#### **6.0 PERSONNEL TO BE DEPLOYED BY CONTRACTOR**

6.1 Contractor warrants that they will provide competent, qualified and sufficiently experienced personnel to perform the work correctly and efficiently and shall ensure that such personnel observe applicable DGH and statutory safety requirement. Upon DGH's written request, Contractor, entirely at their own expense, shall remove immediately, from assignment to the work, any personnel of the Contractor determined by the DGH to be unsuitable and shall promptly replace such personnel with personnel acceptable to the DGH without affecting DGH's work. The replacement key personnel must have the requisite qualification and experience as per Scope of Work / Technical Specifications (**Annexure -IV**) and shall submit their credentials along with their recent photographs to DGH for approval of DGH.

6.0 The Contractor shall be solely responsible throughout the period of this contract for providing all requirements of their personnel including but not limited to their transportation to & fro Noida/field site, enroute/local boarding, lodging, medical attention etc. DGH shall have no liability or responsibility in this regard.

6.1 Contractor's key personnel shall be fluent in English language (both writing and speaking).

**7.0 WARRANTY AND REMEDY OF DEFECTS**

7.1 Contractor warrants that they shall perform the work in a first class, workmanlike, and professional manner and in accordance with the highest degree of quality, efficiency and current state of the art technology/oil field practices and in conformity with all specifications, standards and drawings set forth or referred to in the Scope of Work / Terms of Reference and with instructions and guidance which DGH may, from time to time, furnish to the Contractor.

7.2 Should DGH discover at any time during the tenure of the Contract or within 3 (three) months after completion of the operations that the Work does not conform to the foregoing warranty, Contractor shall after receipt of notice from DGH, promptly perform any and all corrective work required to make the services conform to the Warranty. Such corrective Work shall be performed entirely at Contractor's own expenses. If such corrective Work is not performed within a reasonable time, DGH, at its option may have such remedial Work performed by others and charge the cost thereof to Contractor which the Contractor must pay promptly. In case Contractor fails to perform remedial work, or pay promptly in respect thereof, the performance security shall be forfeited.

**8.0 NOTICES AND ADDRESSES:**

For the purposes of this CONTRACT, the addresses of the parties will be as follows and all correspondence and notices in relations to the present CONTRACT sent to the parties at the addresses mentioned below shall be deemed to be sufficient service of notice on the parties. All such notices as well as reports, invoices and other relevant material shall be addressed to the parties as per the address given below:

**8.1 Directorate general of Hydrocarbons**

(a) For CONTRACT related communication: HOD (MM), Directorate General of Hydrocarbons, OIDB Bhawan, Tower A, Plot No. 2, Sector – 73, Noida -201 301, India. Fax : +91 120 2472049.

(b) For reports and payments: HOD (HR & Admin), Directorate General of Hydrocarbons, OIDB Bhawan, Tower A, Plot No. 2, Sector – 73, Noida -201 301, India. Fax : +91 120 2472049

**8.2 CONTRACTOR'S REGISTERED OFFICE AND ADDRESS**

..... Fax:.....

**9.0 DUTIES AND POWER /AUTHORITY:**

9.1 The duties and authorities of the DGH's site representative are to act on behalf of the DGH for:

- i. Overall supervision, co-ordination and Project Management at site
- ii. Proper utilization of equipment and services.
- iii. Monitoring of performance and progress

- iv. Commenting/ countersigning on reports made by the CONTRACTOR's representative at site in respect of works, receipts, consumption etc. after satisfying himself with the facts of the respective cases.
- v. He shall have the authority, but not obligation at all times and any time to inspect/test/examine/ verify any equipment machinery, instruments, tools, materials, personnel, procedures and reports etc. directly or indirectly pertaining to the execution of the work. However this shall not construe to imply an acceptance by the inspector. Hence, the overall responsibility of quality of work shall rest solely with the CONTRACTOR.
- vi. Each and every document emerging from site in support of any claim by the contractor has to have the countersignature/ comments of the DGH's representative/engineer without which no claim will be entertained by the DGH.

## 9.2 CONTRACTOR's representative:

- i. The CONTRACTOR's representative shall have all the powers requisite for the performance of the works.
- ii. He shall liaise with DGH's representative for the proper co-ordination and timely completion of the works and on any matter pertaining to the works.
- iii. He will extend full co-operation to DGH's representative/inspector in the manner required by them for supervision/inspection/observation of equipment, material, procedures, performance, reports and records pertaining to works.
- iv. To have complete charge of CONTRACTOR's personnel engaged in the performance of the work and to ensure compliance of rules and regulations and safety practice.

## 10.0 CONTRACT DOCUMENT:

### 10.1 Governing language:

The governing language for the CONTRACT shall be English. All CONTRACT documents and all correspondence and communication to be given and all other documentation to be prepared and supplied under the CONTRACT shall be written in English and the CONTRACT shall be construed and interpreted in accordance with English language.

### 10.2 Entire Agreement:

The CONTRACT constitutes the entire agreement between the DGH and the CONTRACTOR with respect to the subject matter of the CONTRACT and supersedes all communication, negotiations and agreement (whether written or oral) of the parties with respect thereto made prior to the date of this agreement. The right of either party to require strict performances will not be affected by any previous waiver or course of dealing. Neither this Agreement nor any modification will be binding on a party unless signed by an authorised representative of CONTRACTOR and DGH.

### 10.3 Modification in CONTRACT:

All modifications leading to changes in the CONTRACT with respect to technical and/or commercial aspects, including terms of delivery, shall be considered valid only when accepted in writing by DGH by issuing amendment to the CONTRACT. DGH shall not be bound by any printed conditions, provisions in the CONTRACTOR's BID, forms of acknowledgement of CONTRACT, invoice, packing list and other documents which purport to impose any condition at variance with or supplement to CONTRACT.

### 10.4 Assignment:

The CONTRACTOR shall not, save with the previous consent in writing of the DGH, sublet/SUB-CONTRACT, transfer or assign the CONTRACT or any part thereof in any manner whatsoever. However, such consent shall not relieve the CONTRACTOR from any obligation, duty or responsibility under the CONTRACT and CONTRACTOR shall

be fully responsible for the services hereunder and for the execution and performance of the CONTRACT.

#### 10.5 Waivers and amendments:

Waivers: - It is fully understood and agreed that none of the terms and conditions of this CONTRACT shall be deemed waived by either party unless such waiver is executed in writing only by the duly authorised agents or representative of both the parties. The failure of either party to execute any right shall not act as a waiver of such right by such party. Amendments: - It is agreed that CONTRACTOR shall carry out work in accordance with the completion program to be furnished by the DGH which may be amended from time to time by reasonable modifications as DGH deems fit.

### 11.0 REMUNERATION AND TERMS OF PAYMENT

11.1 DGH shall pay to CONTRACTOR for the services/supply, to be provided by the CONTRACTOR as per the Scope of supply (**Annexure-IV**). The rates payable shall be firm during the entire CONTRACT period, including extension period, if any.

11.2 All Bills along with relevant supporting documents shall be submitted in triplicate to the addressee at **8.1 (b)** above.

11.3 Clear (undisputed) invoices with original supporting documents duly countersigned by DGH's representative/ engineer wherever applicable will be submitted at the end of satisfactory completion of Works / Services / Project by the CONTRACTOR to DGH and payment shall be made within 30 (thirty) calendar days from the date of receipt of invoice at the above office (Unless otherwise specified in the Special Conditions of the Contract)

The original invoice should also accompany the following documents/ details: 1) Along with invoice: Following documents / details should be invariably furnished along with the invoice:

- a) Copy of valid registration certificate under the GST Tax rules.
- b) Particulars required for making payments through 'Electronic Payment Mechanism', in accordance with the clause on 'MODE OF PAYMENT' appearing in **Annexure-I** (i.e. 'Instructions to bidders') of bid document.
- c) Invoice (i.e. Tax invoice as per relevant GST rules, in original and duplicate, clearly indicating GST Tax registration number, Rate and amount of GST shown separately).
- d) Insurance policies and proof of payment of premium (As applicable).
- e) Details of statutory payments like PF, ESI, EPF etc. (As applicable).
- f) Undertaking by the contractor regarding compliance of all statutes.
- g) Documentary evidence of payment of Customs duty, where applicable.
- h) Any other document specifically mentioned in the Contract, or supporting documents in respect of other claims (if any), permissible under the Contract.

In addition to the said particulars submitted alongwith the bid, the CONTRACTOR should also provide any other information as may be required for determining the taxability of the amount to be remitted to the non-resident. Further, the CONTRACTOR shall be liable to intimate the subsequent changes (if any) to the information submitted against any of the said particulars, alongwith full details.

11.4 In the event of any dispute in a portion or whole of any invoice, DGH shall make payment of undisputed portion and shall promptly notify the CONTRACTOR's representative in writing for the remaining portion in CONTRACT to mutually resolve the dispute and if resolved in part or full, payment shall be made to the CONTRACTOR within 30 days of such settlement.

#### **11.5 DGH's right to question the amounts claimed**

Payment of any invoice shall not prejudice the right of the DGH to question the allowability under this Contract of any amounts claimed therein, provided DGH, within one year beyond the expiry of each CONTRACT year, delivers to CONTRACTOR, written notice identifying any item or items which it questions and specifying the reasons therefor. Should DGH so notify CONTRACTOR, such adjustment shall be made as the parties shall agree. These provisions shall be reciprocal for similar rights to the CONTRACTOR. The CONTRACTOR shall provide on demand a complete and correct set of records pertaining to all costs for which it claims reimbursement from DGH and as to any payment provided for hereunder, which is to be made on the basis of CONTRACTOR's costs.

### **12.0 CLAIMS, TAXES & DUTIES, FEES AND ACCOUNTING**

#### **12.1 A Claims**

CONTRACTOR agrees to pay all claims, taxes and fees for equipment, labour, materials, services and supplies to be furnished by it hereunder and agrees to allow no lien or charge resulting from such claims to be fixed upon any property of DGH. DGH may, at its option, pay and discharge any liens or overdue charges for CONTRACTOR's equipment, labour, materials, services and supplies under this CONTRACT and may thereupon deduct the amount or amounts so paid from any sum due, or thereafter become due, to CONTRACTOR hereunder.

#### **12.2 B. Notice of claims**

CONTRACTOR or DGH, as the case may be, shall promptly give the other, notice in writing of any claim made or proceeding commenced for which that party is entitled to indemnification under the CONTRACT. Each party shall confer with the other concerning the defense of any such claims or proceeding, shall permit the other to be represented by counsel in defense thereof, and shall not effect settlement of or compromise any such claim or proceeding without the other's written consent.

#### **12.3 Taxes**

CONTRACTOR, unless specified otherwise in the CONTRACT, shall bear all tax liabilities, duties, Govt. levies etc. including Corporate and Personnel Taxes levied or imposed on the CONTRACTOR on account of payments received by it from the DGH for the work done under this CONTRACT. It shall be the responsibility of the CONTRACTOR to submit to the concerned Indian authorities, the returns and all other concerned documents required for this purpose and to comply in all respects with the requirements of the laws in this regard, in time.

#### **12.4 Personnel taxes**

The CONTRACTOR shall bear all personnel taxes levied or imposed on its personnel, SUB-CONTRACTOR's personnel, vendors, consultants etc. on account of payment received under this CONTRACT. Tax shall be deducted at source as per Indian Tax Laws.

#### **12.5 Corporate taxes**

The CONTRACTOR shall bear all Corporate taxes, levied or imposed on the CONTRACTOR on account of payments received by it from the DGH for the work done under this CONTRACT.

12.6 If it is so required by the applicable laws in force at the time of payment, DGH shall withhold from the amount due to the CONTRACTOR and pay to the Indian Tax authorities any tax levied or assessed on account of the CONTRACTOR's operations pursuant to this CONTRACT.



12.7 It is noted that CONTRACT u/s 195 (2) of the Income Tax Act, 1961 for the purpose of deduction of tax at source will be obtained by DGH from the concerned Income Tax authorities in India.

12.8 For the lapse, if any on the part of the CONTRACTOR and consequential penal action taken by the Tax department, the DGH shall not take any responsibility whether financial or otherwise.

### **13.0 PERFORMANCE**

The CONTRACTOR shall undertake to perform all services under this CONTRACT with all-reasonable skill, diligence and care in accordance with sound industry practice to the satisfaction of the DGH and accept full responsibility for the satisfactory quality of such services as performed by them. Any defect, deficiencies noticed in the CONTRACTOR's service will be promptly remedied by the CONTRACTOR within 7 days upon the receipt of written notice from the DGH to improve their performance failing which the DGH may terminate the CONTRACT by giving the CONTRACTOR **14 (fourteen)** days written notice.

### **14.0 PERFORMANCE BOND**

14.1 The Contractor shall furnish to DGH a Bank Guarantee No. \_\_\_\_\_ dated \_\_\_\_\_ issued by \_\_\_\_\_ for \_\_\_\_\_ (7.5 % of Annualized contract value) to be submitted within 21 days of the placement of Letter of Award (LoA)/ Notification of Award (NoA) valid till 02 months beyond the duration of contract towards performance under this CONTRACT. In the event of any extension of the Contract period, Bank Guarantee should be extended by the period equivalent to the extended period of the contract. The bank guarantee will be discharged by DGH not later than 30 days following its expiry.

14.2 In the event CONTRACTOR fails to honour any of the commitments entered into under this agreement and /or in respect of any amount due from the CONTRACTOR to the DGH, the DGH shall have unconditional option under the guarantee to invoke the above bank guarantee and claim the amount from the bank. The bank shall be obliged to pay the amount to the DGH on demand.

### **15.0 DISCIPLINE**

CONTRACTOR shall carry out operations hereunder with due diligence and in a safe and workman like manner according to good international oilfield practice. CONTRACTOR shall maintain strict discipline and good CONTRACT among its employees and its SUB-CONTRACTOR's employees and shall abide by and conform to all rules and regulations promulgated by the DGH governing the operations. Should DGH feel that the conduct of any of CONTRACTOR/SUB-CONTRACTOR's employees is detrimental to DGH's interest, the DGH shall have the unqualified right to request for the removal of such employee either for incompetence, unreliability, misbehavior, security reasons etc. while on or off the job. The CONTRACTOR shall comply with any such request to remove such personnel at CONTRACTOR's expense unconditionally. The CONTRACTOR will be allowed a maximum of 7 (seven) working days to replace the person by competent qualified person at CONTRACTOR's cost.

### **16.0 SAFETY AND LABOUR LAWS**

CONTRACTOR shall comply with the provision of all laws including Labour Laws, rules, regulations and notifications issued thereunder from time to time. All safety and labour laws enforced by statutory agencies and by DGH shall be applicable in the performance of this CONTRACT and CONTRACTOR shall abide by these laws. CONTRACTOR shall take all measures necessary or proper to protect the personnel, work and facilities and shall observe all reasonable safety rules and instructions. DGH's employee also shall comply with safety procedures/policy. The CONTRACTOR

shall report as soon as possible any evidence which may indicate or is likely to lead to an abnormal or dangerous situation and shall take all necessary emergency control steps to avoid such abnormal situations.

#### 16.1 Verification of character and antecedents of Contractual Manpower

In all contracts involving deployment of Contractor's manpower within DGH's premises like plants, offices, installations, rigs, stock yards etc., the Contractor shall submit the following documents to DGH prior to start of work:

- (i) Undertaking from the Contractor that the character and antecedents of the person(s) proposed to be deployed by them is/are impeccable.
- (ii) Undertaking from the Contractor that they have scrutinized the previous working of the person(s) proposed to be deployed by them and there is nothing adverse as regards his/her character and antecedent.

(iii) Along with the above mentioned undertakings, the Contractor will provide certified photocopies of Police verification certificates in respect of persons proposed to be deployed by them, for inspection by the authorized representative of DGH. The Contractor has to obtain Police verification report (signed by an officer equivalent to DSP rank of higher) from the area where the person(s) to be deployed has/have been residing since the last five years. In case the person concerned has not resided at a place for five years at a stretch, Police verification reports should be obtained from that area where the person(s) has/ have stayed earlier during the last five years.

#### 17.0 SECRECY

CONTRACTOR shall during the tenure of the CONTRACT and at anytime thereafter maintain in the strictest confidence all information relating to the work and shall not, unless so authorised in writing by DGH, divulge or grant access to any information about the work or its results and shall prevent anyone becoming acquainted with either through CONTRACTOR or its personnel or authorised SUB-Contractors or agents. CONTRACTOR shall not avail of the information obtained in the course of work hereunder in any manner, whatsoever, nor shall CONTRACTOR divulge any information about the location of the work area of part thereof. CONTRACTOR shall not also destroy any report, note and technical data relating to the work and not required by the DGH. The obligation is continuing one and shall survive after the completion/ termination of this agreement.

#### 18.0 STATUTORY REQUIREMENTS

During the tenure of this CONTRACT nothing shall be done by the CONTRACTOR in contravention of any law, act and/or rules/regulations, thereunder or any amendment thereof governing interalia customs stowaways, foreign exchange etc.

#### 19.0 INSURANCE

- A) CONTRACTOR shall, at his own expense, arrange appropriate insurance to cover all risks assumed by the CONTRACTOR under this CONTRACT in respect of its personnel deputed under this CONTRACT as well as CONTRACTOR's equipment, tools and any other belongings of the CONTRACTOR or their personnel during the entire period of their engagement in connection with this CONTRACT. DGH will have no liability on this account.
- B) Waiver of subrogation: All insurance policies of the CONTRACTOR with respect to the operations conducted hereunder as set forth in **clause 16** hereof, shall be endorsed by the underwriter in accordance with the following policy wording:-

“The insurers hereby waive their rights of subrogation against any individual, DGH, affiliates or assignees for whom or with whom the assured may be operating to the extent of the Contractual indemnities undertaken by the CONTRACTOR”.

C) Certificate of Insurance: Before commencing performance of the CONTRACT, CONTRACTOR shall upon request furnish DGH with certificates of insurance indicating (1) kinds and amounts of insurance as required herein (2) insurance corporation or companies carrying the aforesaid coverage (3) effective and expiry dates of policies (4) that DGH shall be given thirty (30) days written advance notice of any material change in the policy (5) waiver of subrogation endorsement has been attached to all policies and (6) the territorial limits of all policies. If any of the above policy expire or/ are cancelled during the term of this CONTRACT and CONTRACTOR fails for any reason to renew such policies, then DGH may replace same and charge the cost thereof to CONTRACTOR. Should there be lapse in any insurance required to be carried out by CONTRACTOR hereunder for any reason, losses resulting therefrom shall be to the sole account of the CONTRACTOR. Such insurance shall be effected within Insurance Company incorporated and registered in India or jointly with a Company of International repute and an Insurance Company incorporated and registered in India.

D) Deductible: That portion of any loss not covered by insurance provided for in this article solely by reason of deductible provision in such insurance policies shall be to the account of the CONTRACTOR.

E) CONTRACTOR shall require all of its SUB-Contractors to provide such of the foregoing insurance cover as the CONTRACTOR is obligated to provide under this CONTRACT.

## **20.0 INDEMNITY AGREEMENT**

### **20.1 INDEMNITY BY CONTRACTOR**

Unless otherwise specified elsewhere in this CONTRACT, CONTRACTOR shall indemnify and keep indemnified DGH, its CONTRACTORS (other than the CONTRACTOR) and/or sub-CONTRACTORS and its/their employees from all actions, proceedings, suits, claims, demands, liabilities, damages, losses, costs, charges, expenses (including without limitation, wreck or debris, removal costs, where wreck or debris removal is ordered by a competent authority) judgments and fines arising out of or in the course of or caused by the execution of work under the CONTRACT or other obligations hereunder directly or indirectly associated herewith and or arising from :

a) personal injury, illness or death of :

(i) any of CONTRACTOR's or subCONTRACTOR's personnel (even if caused by or contributed to by the negligence or fault of DGH); and

(ii) subject to clause **20.2 (a) (i)** any other person to the extent the injury, illness or death is caused by the negligence or fault of the CONTRACTOR or CONTRACTOR's personnel or subCONTRACTORS or subCONTRACTOR's personnel and

b) loss or damage to :

(i) any property owned, hired or supplied by CONTRACTOR or CONTRACTOR's personnel or subCONTRACTORS or subCONTRACTOR's personnel including Constructional Plant (even if caused by, or contributed to by, the negligence or fault of DGH); or

(ii) subject to clause **20.2 (b) (i)** any other property to the extent the loss or damage is caused by the negligence or fault of the CONTRACTOR or CONTRACTOR's personnel or subCONTRACTORS or subCONTRACTOR's personnel.

#### **20.2 Indemnity by DGH:**

Unless otherwise specified elsewhere in this CONTRACT, DGH shall indemnify and keep indemnified CONTRACTOR (which expression in this clause includes, unless the context otherwise requires. SubCONTRACTORS of any tier and their employees) from all actions, proceedings, suits, claims, demands, liabilities, damages, losses, costs, charges, expenses and fines arising from :

a) personal injury, illness or death of

(i) any employee of the DGH (even if caused by or contributed to by the negligence or fault of CONTRACTOR);

(ii) subject to clause **20.1 (a) (i)** any other person to the extent that the injury, illness or death is caused by the negligence or fault of DGH ; and

b) any loss or damage to :

(i) any property owned, hired or supplied by DGH (even if caused by or contributed to by the negligence or fault of CONTRACTOR); except to the extent that such property is in the care or custody of CONTRACTOR in connection with the work under the CONTRACT.

(ii) Subject to clause **20.1 (b) (i)** any loss or damage to any other property to the extent the loss or damage is caused by the negligence or fault of DGH.

### **21.0 TERMINATION**

#### **21.1 Termination on expiry of the CONTRACT**

This Agreement shall be deemed to have been automatically terminated on the expiry of the CONTRACT period unless the DGH has exercised its option to extend this CONTRACT in accordance with the provisions, if any, of this CONTRACT.

#### **21.2 Termination on account of force majeure**

Either party shall have the right to terminate this CONTRACT on account of Force Majeure, as set forth in **clause 25**.

#### **21.3 Termination on account of insolvency**

In the event the CONTRACTOR or its collaborator at any time during the term of this Agreement becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt, then the DGH shall, by a notice in Writing have the right to terminate this CONTRACT and all the CONTRACTOR's rights and privileges hereunder, shall stand terminated forthwith.

#### **21.4 Termination for unsatisfactory performance**

If the DGH considers that the performance of the CONTRACTOR is unsatisfactory or, not up to the expected standard, the DGH shall notify the CONTRACTOR in writing and specify in detail the cause of such dissatisfaction. The DGH shall have the option to terminate this Agreement by giving **14 days'** notice in writing to the CONTRACTOR, if, CONTRACTOR fails to comply with the requisitions contained in the said written notice issued by the DGH.

#### **21.5 Termination for delay in mobilisation**

Successful bidder shall be required to mobilise complete equipment along with crew for commencement of services at the specified site within the time period stipulated in the

Forwarding Letter of this Bid Document. If the CONTRACTOR (successful bidder) fails to mobilise as above, DGH shall have, without prejudice to any other clause of the CONTRACT, the right to terminate the contract.

21.6 If at any time during the term of the Contract, breakdown of Contractor's equipment results in Contractor being unable to perform their obligations hereunder for a period of 15 successive days, DGH at its option may terminate this Contract in its entirety without any further right or obligation on the part of the DGH except for the payment of money then due. No notice shall be served by the DGH under the condition stated above.

21.7 Notwithstanding any provisions herein to the contrary, the Contract may be terminated at any time by the DGH on giving 30 (thirty) days written notice to the Contractor due to any other reason not covered under the above **clause from 21.1 to 21.6** and in the event of such termination the DGH shall not be liable to pay any cost or damage to the Contractor except for payment for services as per the Contract upto the date of termination.

21.8 In the event of termination of contract, DGH will issue Notice of termination of the contract with date or event after which the contract will be terminated. The contract shall then stand terminated and the Contractor shall demobilise their personnel & materials.

#### **21.9 Consequences of termination**

21.9.1 Upon termination of the Contract, Contractor shall return to DGH all of DGH's items, which are at the time in Contractor's possession.

21.9.2 In all cases of termination herein set forth, the obligation of the DGH to pay shall be limited to the period up to the date of termination. Notwithstanding the termination of this Agreement, the parties shall continue to be bound by the provisions of this Agreement that reasonably require some action or forbearance after such termination.

21.9.3 In case of termination of Contract herein set forth, except under **21.1, 21.2 and 21.7**, following actions shall be taken against the Contractor;

(i) DGH shall conduct an inquiry against the Contractor and consequent to the conclusion of the inquiry, if it is found that the fault is on the part of the contractor, then they shall be put on holiday [i.e. neither any tender enquiry will be issued to such a Contractor by DGH against any type of tender nor their offer will be considered by DGH against any ongoing tender(s) where contract between DGH and that particular Contractor (as a bidder) has not been concluded] for a period of two years from the date the order for putting the contractor on holiday is issued. However, the action taken by DGH for putting that contractor on holiday shall not have any effect on other contract(s), if any with that contractor which shall continue till expiry of their term(s).

(ii) Pending completion of the enquiry process for putting the Contractor on holiday, DGH shall neither issue any tender enquiry to the defaulting Contractor nor shall consider their offer in any ongoing tender.

#### **22.0 SEVERABILITY**

Should any provision of this agreement be found to be invalid, illegal or otherwise not enforceable by any court of law, such finding shall not affect the remaining provisions hereto and they shall remain binding on the parties hereto.

### **23.0 WITHHOLDING**

23.1 DGH may at its absolute discretion withhold or nullify its obligations to pay the whole or any part of the amount due to the Contractor on account of subsequently discovered evidence of loss/ damages caused to the DGH by the contractor on account of:

23.1.1 Non-completion of contracted work to the absolute satisfaction of the DGH or its duly appointed representative/agent.

23.1.2 Contractor's un-cleared debt arising out of execution of the Contract.

23.1.3 Defective work not remedied by the Contractor.

23.1.4 Unsettled claims by any of the sub-contractor/s appointed by the Contractor or by any other third party claiming through the contractor or on the basis of any reasonable evidence indicating probable filing of such claims against the Contractor.

23.1.5 Any failure by the Contractor to fully reimburse the DGH in terms of the indemnification provisions of the Contract. Where, during the process of the work, the Contractor allows any indebtedness to accrue for which DGH may be held to be primarily or contingently liable or ultimately responsible for its discharge and where the Contractor fails to pay and discharge such indebtedness, within five days of being called upon to do so, then DGH may during the period for which indebtedness shall remain unpaid, be entitled to with-hold a sum equal to the amount of such unpaid indebtedness. When all the above grounds for withholding payments are removed, the payments shall thereafter be made for amounts so withheld.

23.1.6 Withholding will also be effected on account of the following:-

- (i) Garnishee order issued by a Court of Law in India.
- (ii) Income tax deductible at source according to Law prevalent from time to time in the country.
- (iii) Any obligation of Contractor which by any Law prevalent from time to time to be discharged by DGH in the event of Contractor's failure to adhere to such Laws.

### **24.0 CHANGE IN LAW**

24.1 In the event of introduction of any new legislation or any change or amendment or enforcement of any Act or Law, rules or regulations of Government of India or State Government(s) or Public Body which becomes effective after the date of submission of Price Bid or revised price bid, if any, for this CONTRACT and which results in increased cost of the works under the CONTRACT through increased liability of taxes, (other than personnel and Corporate taxes), duties, the CONTRACTOR shall be indemnified for any such increased cost by the DGH subject to the production of documentary proof to the satisfaction of the DGH to the extent which directly is attributable to such introduction of new legislation or change or amendment as mentioned above and adjudication by the competent authority & the courts wherever levy of such taxes / duties are disputed by DGH.

24.2 Similarly, in the event of introduction of new legislation or any change or amendment or enforcement of any Act or Law, rules or regulations of Government of India or State Government(s) or Public Body which becomes effective after the date of submission of Price Bid or revised price bid, if any, for this CONTRACT and which results in any decrease in the cost of the works through reduced liability of taxes,

(other than personnel and Corporate taxes) duties, the CONTRACTOR shall pass on the benefits of such reduced cost, taxes or duties to the DGH, to the extent which is directly attributable to such introduction of new legislation or change or amendment as mentioned above.

24.3 All duties, taxes (except where otherwise expressly provided in the Contract) as may be levied / imposed in consequences of execution of the Works/Services or in relation thereto or in connection therewith as per the Acts, Laws, Rules, Regulations in force on the date of submission of Price Bid or revised price bid, if any, for this CONTRACT shall be to CONTRACTOR's account. Any increase / decrease in such duties, taxes after the date of submission of price bid or revised price bid, if any, but within the contractual completion / mobilization date as stipulated in the CONTRACT will be to the account of DGH.

24.4 Any increase in the duties and taxes after the contractual completion / mobilization date during the extended period will be to the contractor's account, where delay in completion /mobilization period is attributable to the CONTRACTOR. However, any decrease of duties and taxes after the contractual completion / mobilization date will be to DGH's account.

24.5 The Contract Price and other prices given in the Price Format are based on the applicable tariff as indicated by the CONTRACTOR in the Price Format. In case this information subsequently proves to be wrong, incorrect or misleading, DGH will have no liability to reimburse/pay to the CONTRACTOR the excess duties, taxes, fees, if any finally levied / imposed by the concerned authorities. However, in such an event, DGH will have the right to recover the difference in case the rate of duty/tax finally assessed is on the lower side.

24.6 Notwithstanding the provision contained in clause **24.1 to 24.4** above, the DGH shall not bear any liability in respect of:

(i) Personal taxes on the personnel deployed by CONTRACTOR, his sub-contractor / sub-sub contractors and Agents etc.

(ii) Corporate taxes and Fringe benefit tax in respect of contractor and all of their sub-contractors, agents etc.

(iii) Other taxes & duties including new taxes etc. in respect of sub-contractors, vendors, agents etc of the CONTRACTOR.

## **25.0 FORCE MAJEURE**

In the event of either party being rendered unable by Force Majeure to perform any obligation required to be performed by them under the CONTRACT, the relative obligation of the party affected by such Force Majeure shall be suspended for the period during which such cause lasts. For the purpose of this contract, the term Force Majeure means any cause or event, other than the unavailability of funds, whether similar to or different from those enumerated herein, lying beyond the reasonable control of, and unanticipated or unforeseeable by, and not brought about at the instance of, the Party claiming to be affected by such event, or which, if anticipated or foreseeable, could not be avoided or provided for, and which has caused the non performance or delay in performance. Without limitation to the generality of the foregoing, the term Force Majeure shall include natural phenomenon or calamities, earth quakes, typhoons, fires, wars declared or undeclared, hostilities, invasions, blockades, riots, strikes, insurrection and civil disturbances but shall not include unavailability of funds. Upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify

the other party in writing, the beginning of the cause amounting to Force Majeure as also the ending of the said cause by giving notice to the other party within 72 hours of the beginning and the ending of the cause respectively. If deliveries are suspended by Force Majeure conditions lasting for more than 2 (two) months, DGH shall have the option of canceling this CONTRACT in whole or part at its discretion without any liability at its part. The Party asserting the claim of Force Majeure shall have the burden of proving that the circumstances constitute valid grounds of Force Majeure and that such party has exercised reasonable diligence and efforts to remedy the cause of any alleged Force Majeure. Time for performance of the relative obligation suspended by Force Majeure shall then stand extended by the period for which such cause lasts.

## **26.0 EMPLOYMENT BY FIRMS TO OFFICIALS OF DGH**

Firms/companies who have or had business relations with DGH are advised not to employ serving DGH employees without prior permission. It is also advised not to employ ex-personnel of DGH within the initial two years period after their retirement/resignation/severance from the service without specific permission of DGH. The DGH may decide not to deal with such firm(s) who fail to comply with the above advice.

## **27.0 PREFERENCE TO LOCAL COMPANIES**

CONTRACTOR agrees to give priority and preference to locally owned companies, when hiring Sub CONTRACTOR, SUBJECT TO price, quality and delivery being equivalent.

## **28.0 JURISDICTION AND APPLICABLE LAW**

This Agreement including all matters connected with this Agreement, shall be governed by the laws of India (both substantive and procedural) for the time being in force and shall be subject to exclusive jurisdiction of the Courts at new Delhi (the place where the CONTRACT is signed in India).

## **29.0 SETTLEMENT OF DISPUTES AND ARBITRATION**

29.1 Except as otherwise provided elsewhere in the contract, if any dispute or difference arises between the parties hereto or the respective representatives or assignees at any time in connection with operation, interpretation or out of CONTRACT or breach thereof shall be decided in accordance with Indian Arbitration and Conciliation Act, 1996 by an Arbitral Tribunal consisting of three arbitrators. Each party shall appoint one arbitrator and the Arbitrators so appointed shall appoint third arbitrator, who shall act as the presiding arbitrator.

29.2 In case a party fails to appoint an arbitrator within 30 days from the receipt of request to do so by the other party or the two arbitrators so appointed fail to agree on the appointment of the third arbitrator within 30 days of the appointment of second Arbitrator, the Chief Justice of Supreme Court/High Court as the case may be or any other person or institution designated by him within whose jurisdiction the subject CONTRACT has been made, shall appoint the arbitrator/presiding arbitrator upon request of any of the parties.

29.3 If any of the arbitrators so appointed dies, resigns, incapacitated or withdraws for any reasons from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both the parties agree for the same and otherwise he shall proceed de-novo.



29.4 It is agreed between the parties that the party invoking arbitration shall specify all disputes to be referred to arbitration at the time of invocation of arbitration and not thereafter.

29.5 It is also agreed between the parties that neither party to the arbitration shall be entitled to the interest on the amount of award.

29.6 The Arbitral tribunal shall give a reasoned award and the same shall be final, conclusive and binding on the parties.

29.7 The venue of the arbitration shall be New Delhi, India and shall be conducted in English language. The Courts in Delhi will have the jurisdiction to deal with such arbitration award if required.

29.8 The fees of the arbitrators shall be borne by the respective parties nominating them and the fee of the presiding arbitrator, cost and other expenses incidental to the arbitration proceedings shall be borne equally by the parties. Subject to aforesaid, the provisions of Indian Arbitration and Conciliation Act, 1996 and any statutory modification or re-enactment in lieu thereof shall apply to the arbitration proceedings under this clause.

### **30.0 CONTINUANCE OF THE CONTRACT**

Notwithstanding the fact that settlement of dispute(s) (if any) under arbitration may be pending, the parties hereto shall continue to be governed by and perform the work in accordance with the provisions under this CONTRACT.

### **31.0 INTERPRETATION**

The titles and headings of the sections in this CONTRACT are inserted for convenient reference only and shall not be construed as limiting or extending the meaning of any provisions of this CONTRACT.

### **32.0 PATENT INDEMNITY**

32.1 The CONTRACTOR shall, subject to the DGH's compliance with Sub-Clause below, indemnify and hold harmless the DGH and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the DGH may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- a) the installation of the Items by the CONTRACTOR or the use of the Items in the country where the Site is located; and
- b) the sale in any country of the products produced by the Items.

Such indemnity shall not cover any use of the Items or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Items or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the CONTRACTOR, pursuant to the Contract.

32.2 If any proceedings are brought or any claim is made against the DGH arising out of the matters referred to in GCC above Sub-Clause, the DGH shall promptly give the CONTRACTOR a notice thereof, and the CONTRACTOR may at its own expense and in the DGH's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

32.3 If the CONTRACTOR fails to notify the DGH within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the DGH shall be free to conduct the same on its own behalf.

32.4 The DGH shall, at the CONTRACTOR's request, afford all available assistance to the CONTRACTOR in conducting such proceedings or claim, and shall be reimbursed by the CONTRACTOR for all reasonable expenses incurred in so doing.

32.5 The DGH shall indemnify and hold harmless the CONTRACTOR and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the CONTRACTOR may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the DGH.

### **33.0 INDEPENDENT CONTRACTOR STATUS:**

The CONTRACTOR shall act as an independent contractor performing the CONTRACT. The Contract does not create any agency, partnership, joint ventures or joint relationship between the parties. Subject to all compliance with the CONTRACT, the CONTRACTOR shall be solely responsible for the manner in which works are performed. All employees, representatives or sub-CONTRACTORS engaged by the CONTRACTOR in performing the CONTRACT shall be under the complete control of the CONTRACTOR and shall not be deemed to be employees of the DGH and nothing contained in the CONTRACT or in any sub-CONTRACT awarded by the CONTRACTOR shall be construed to create any contractual relationship between any such employees or representative or Sub-CONTRACTOR and the DGH. CONTRACTOR shall be responsible for the acts, defaults or negligence of the CONTRACTOR, his agencies, servant or workmen.

### **34.0 LIMITATION OF LIABILITY**

Notwithstanding any other provisions, except only in cases of willful misconduct and / or criminal acts, a) Neither the Contractor nor DGH shall be liable to the other, whether in Contract, tort, or otherwise, for any consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided however that this exclusion shall not apply to any obligation of the Contractor to pay Liquidated Damages to the DGH and b) Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the Contractor in respect of this contract, whether under the Contract, in tort or otherwise, shall not exceed Contract Price, provided however that this limitation shall not apply to the cost of repairing or replacing defective equipment by the Contractor, or to any obligation of the Contractor to indemnify the DGH with respect to Intellectual Property Rights. c) DGH shall indemnify and keep indemnified Contractor harmless from and against any and all claims, costs, losses and liabilities in excess of the aggregate liability amount in terms of clause (b) above.

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**BID EVALUATION CRITERIA**

**A. VITAL CRITERIA FOR ACCEPTANCE OF BIDS**

Bidders are advised not to take any exception/deviations to the bid document. Still, if exceptions /deviations are maintained in the bid, such conditional/ non-conforming bids shall not be considered and shall be rejected.

**B. REJECTION CRITERIA**

**B.1 TECHNICAL REJECTION CRITERIA:**

The following vital technical conditions should be strictly complied with failing which the bid will be rejected:

- i) The bids must conform to the technical specifications and terms and conditions given in the Annexure-IV and Annexure-V. Bids shall be rejected in case the products/materials offered do not conform to the required parameters stipulated in the Technical Specifications/Scope of Supply/Works/Services, Terms & conditions and Special Conditions of the contract.
- ii) The bidders should have experience of carrying out civil and electrical works in office building in PSUs/Central Govt./State Govt. Organizations or Enterprises or reputed Private Organizations or Enterprises during the last 7 (seven) years ending last day of month previous to one in which instant tender is invited, of value either of the following.
  - a. Three similar completed services costing not less than the amount equal to **Rs 30 Lakhs.**  
or
  - b. Two similar completed services costing not less than the amount equal to **Rs 37.5 Lakhs.**  
or
  - c. One similar completed service costing not less than the amount equal to **Rs. 60 Lakhs.**

SIMILAR WORK means civil & electrical maintenance works in Multistoried office building/ Residence complex etc.

To this effect, Bidder should submit copies of respective certificates, contracts, including the scope of work, along with documentary evidence in respect of satisfactory execution of each of those contracts, in the form of copies of any of the documents (indicating respective contract number and type of services), such as - (i) Satisfactory completion / performance report (OR) (ii) proof of release of Performance Security after completion of the contract (OR) (iii) proof of settlement / release of final payment against the contract (OR) (iv) any other documentary evidence that can substantiate the satisfactory execution of each of the contracts cited above.

- iii) Annual Financial Turnover of the bidder during any of preceding three financial/ accounting years from the original bid closing date should be at least **₹22.50 Lakh.** For proof of Annual Turnover, any one of the following documents must be submitted along with the bid:-

a. Audited Balance Sheet along with Profit & Loss account.

OR

b. A certificate issued by a practicing Chartered / Cost Accountant (with Membership Number and Firm Registration Number).

Considering the time required for preparation of Financial Statements, if the last date of preceding financial/ accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial/ accounting year are not available with the bidder, then the financial turnover of the previous three financial/ accounting years excluding the preceding financial/ accounting year will be considered.

## **B.2 COMMERCIAL REJECTION CRITERIA**

**The following vital commercial conditions should be strictly complied with, failing which the bid will be liable for rejection:**

**1.0** Bid should be submitted in Two Bid system in two separate electronic envelopes. The Techno Commercial bid shall contain all details but with the price column of the price bid format blanked out. However a tick mark ( ✓ ) shall be provided against each item of the price bid format to indicate that there is a quote against this item in the techno-commercial bid. The Priced bid shall contain only the prices duly filled in as per the price bid format. The offers of the bidders indicating/disclosing prices in techno-commercial (un-priced bid) or at any stage before opening of price-bid shall be straightaway rejected.

### **2.0 Acceptance of terms & conditions:**

The bidder must confirm unconditional acceptance of General Terms & Conditions of Contract at **Annexure-II** and Instruction to Bidders at **Annexure-I** by attaching digitally signed tender document.

### **3.0 Offers of following kinds will be rejected:**

- a) Offers made without Bid Security/Bid Bond/Bank Guarantee.
- b) Offers which do not confirm unconditional validity of **90 Days** of the bid as indicated in the "Invitation to Bid".
- c) Offers where prices are not firm during the entire duration of the contract and/or with any qualifications.
- d) Offers which do not conform to DGH's price bid format.
- e) Offers which do not confirm to the contract period indicated in the bid.
- f) The offers indicating/disclosing prices in techno-commercial (un-priced bid) or at any stage before opening of price-bid shall be straightaway rejected.
- g) Offers not accompanied by copy of PAN Card will be rejected.
- h) Offers not accompanied with a declaration that neither the bidders themselves, nor any of its allied concerns, partners or associates or directors or proprietors involved in any capacity, are currently serving any banning orders issued by DGH debarring them from carrying on business dealings with DGH.
- i) Offers not accompanied with the undertaking on the company's letter head and duly signed by the signatory of the bid that all the documents/ certificates / information submitted by them against the tender are genuine.

**5.0** Bidder shall bear, within the quoted rates, the Personnel Tax as applicable in respect of their personnel and their sub-contractor's personnel, arising out of this contract. Bidder shall also bear, within the quoted rates, the Corporate Tax, as applicable, on the income arising out of this contract.

**C. Price Evaluation Criteria**

- (i) **Evaluation of bids:** Price bids will be evaluated on the basis of “Quoted Rate” (Exclusive of taxes), i.e on the basis of % (percentage) above or below the estimated cost quoted by the bidders as per Bidding Format, and the lowest bidder will be evaluated accordingly.
- (ii) “Quoted Rate” is exclusive of GST. Applicable GST will be paid extra.
- (iii) “Quoted Rate” should be inclusive of packing & freight, transportation cost and any other charges that vendor may incur.
- (iv) Bidders must quote their offer in accordance with the tender in % (percentage) above or below the internal estimate provided in the Bidding Format. Bids received in any other format will be rejected.
- (v) It is, however, to be clearly understood that the assumptions made in respect of the quantities of various items in the Schedule of Rates are only for the purpose of evaluation of the bid, and the Contractor will be paid on the basis of the actual consumption.

**D. General:**

- 1. The BEC over-rides all other similar clauses operating anywhere in the Bid Documents.
- 2. The bidder/contractor is prohibited to offer any service / benefit of any manner to any employee of DGH and that the contractor may suffer summary termination of contract / disqualification in case of violation.
- 3. On site inspection will be carried out by DGH’s officers / representative /Third Parties at the discretion of the DGH.

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**1.0 SCOPE OF WORK:**

- 1.1 Repairs and maintenance of the DGH office buildings, spaces and structures including minor constructions as follows but not limited to:
  - b. Timber and steel works etc.
  - c. Scaffolding, painting etc.
  - d. Supply of labour, materials/tools and related transportation etc.
  - e. Plumbing, carpentry, interior and Electrical works etc.
- 1.2 The scope of work will mainly cover petty/minor/routine civil/electrical/interior work or maintenance work order of estimated cost **up to Rs. 25,000/-** in single instant shall be undertaken under this contract. In case of any exigency/urgency/breakdown, work order of total estimated cost, **more than Rs. 25,000/- and up to Rs. 2,50,000/-**, may be undertaken in this contract with due approval of competent authority. However, any major maintenance work in DGH office building of estimated cost **more than Rs. 2,50,000/-**, **a fresh tender enquiry shall be invited to undertake the work.**

**2.0 TERMS & CONDITIONS OF CONTRACT:**

- 2.1 DGH is having office space at OIDB Bhawan (Ground to six floor), Sector-73, Noida and 6<sup>th</sup> floor, Scope complex, Lodhi Road, Delhi. In case of any change in DGH office location in NCR, bidder has to provide services at the new location at the quoted cost and no any additional financial liability to DGH.
- 2.2 The Contractor shall take up the maintenance works i.e civil/electrical/interior works after obtaining the service/job order from the concerned Engineer-in-Charge (Civil)/HOD (HR & Admin) or his authorized representative.
- 2.3 Engineer-in-Charge (Civil) will issue the order after obtaining the estimate (with rates in line with the quoted schedule of rates in the tender) from the contractor.
- 2.4 Contractor shall depute experienced technical supervisor to supervise the assigned work under the contract. The contractor shall have to ensure that category of job/expected completion date is mentioned on each service order/slip issued by DGH's EIC (Civil) or his authorized representatives.
- 2.5 The list of man power must be submitted to HOD (HR & Admin) for approval before signing the formal agreement. The Contractor or supervisor shall report to HOD (HR & Admin)/EIC (Civil) as per instruction given by DGH.
- 2.6 All employees of the Contractor must carry his valid identity card while visiting locations for carrying out the job.
- 2.7 The contractor will provide the PPE viz: dungrees, helmets, goggles, hand gloves and safety shoes to the persons deputed for the jobs.
- 2.8 The Contractor must submit the daily progress report (DPR) of all work/s being carried out under the contract. Reason of delayed job/work shall also be indicated in the DPR.
- 2.9 Upon receipt of written advice from the EIC (Civil)/HOD (HR & Admin), the Contractor shall carry out the work specified within time line as mentioned in the work/job order and in accordance with the standard and general specifications.

- 2.10 Contractor shall commence each job within 24 hours. However, in cases where such time frame is not reasonable/practicable, Company Engineer or its authorized representative shall allow sufficient time for necessary preparations.
- 2.11 The debris of all demolition/structure has to be removed from work site at the earliest and it should not be laid at the work site for more than 24 hours of completion of work.
- 2.12 Contractor shall provide all tools, tackles and machineries required for completion of assigned work/job.
- 2.13 Pre job safety meeting and risk analysis should be conducted before start of the job.
- 2.14 Contractor arrange staging/working platform/stools with proper steps/ sound ladders or scaffolding etc. wherever necessary in the work, ensuring safety measures for the work at height.
- 2.15 Insurance of Contractor's Personnel is totally to the account of the CONTRACTOR & DGH shall in no way be responsible for the Insurance of CONTRACT's personnel.
- 2.16 Contractor's personnel should strictly adhere to all the Safety Norms.
- 2.17 The Contractor shall procure/ supply of all the requisite materials in the work. The quality of the materials procured by the contractor shall be as per IS standard or subject to the approval of Engineer-in-charge. Only after approval the requisite materials shall be allowed to use in the work.
- 2.18 All the job orders/ work orders/slips issued by the Engineer shall be maintained by the contractor in proper order.
- 2.19 The Contractor's personnel should follow good engineering practices all the time.
- 2.20 The contractor shall obtain necessary entry/exit gate pass for men, materials, vehicles as in force & wherever applicable in requisite forms as per requirement of Noida/Delhi or local authority. All such copies shall be preserved & maintained by the contractor & produced to EIC/HOD (HR & Admin), if required.
- 2.21 All materials to be incorporated in works must be approved by EIC and conform to the relevant detailed specification of CPWD and specifications contained in DSR 2016 including its latest supplements if any. All taxes, royalty etc. payable for above will be to the Contractor's account.
- 2.22 The quantities set out in the schedule of rates against item of works quantified are the quantities estimated/tentative to be required for such works, and that shall not be taken as the actual and correct quantities of the works to be executed by the contractor in fulfilment of the obligations under the contract.
- 2.23 The items of work shown in the bill quantities deemed to include all lead lift of the materials unless otherwise provided in the CPWD 2016 specifications.
- 2.24 The contractor should have sufficient resources (manpower and equipment etc.) to carry out the jobs at more than one location simultaneously and shall have to carry-out the jobs immediately, as and when asked by the Engineer-in-Charge.
- 2.25 The DGH reserves the right of fixing priority for one work over other and the contractor shall be required to execute the work as per priority fixed by the DGH or as per the instructions of EIC/ HOD (HR & Admin) or his authorized representatives.
- 2.26 The Contractor must ensure that the personnel engaged by him are of good antecedent, character and integrity. If any contractor's person is found to misbehave

with the DGH representatives, the contractor will have to replace him within twenty-four hours of complaint lodged verbally or in writing by the Company's Engineer.

- 2.27 If any of the contractor's person is found to work under the influence of alcohol, contractor shall have to remove him immediately and replenish with another person/manpower within 24 hours of complaint lodged verbally or in writing by the company's Engineer.
- 2.28 For Rate Contract, there is no deviation limit. The quantities of line items described in the schedule of rates/Price Format/ Price Schedule can be executed up-to any limit, based on requirements. It may also be noted that some of the line items may not be executed at all, due to non-requirement.

### **3.0 SPECIAL CONDITIONS OF CONTRACT:**

- 3.1 Duration of contract is one year from the date of placement of LOA.
- 3.2 All the work shall be carried out in the best manner and wherever specifications for any item are not given, the relevant Bureau of Indian Standard Specifications shall be applicable.
- 3.3 **Procedure of work:**
- A. The Contractor shall commence the work after obtaining the job/work order, to be provided to the successful bidder, by the concerned Engineer-In-Charge (EIC)/HOD (HR & Admin) or his representative. He shall adhere to the time schedule incorporated in the work order, giving best workmanship to the entire satisfaction of the EIC/HOD (HR & Admin) or his representative.
- B. Security: The Contractor shall make his own arrangement for security of all his men/materials brought to site. DGH will not be responsible for security of contractor's men/materials.
- C. Representative at Site: The Contractor shall depute one experienced/responsible and technically qualified representative/supervisor at work site as soon as the work is allotted to him.
- D. Contractor's supervisor shall be responsible for the day to day supervision of work, to take the instructions and official letters from DGH's Engineer in Charge (Civil)/HOD (HR & Admin) or his authorized representative.
- E. The Contractor shall have to adhere to the date of completion mentioned in above work order/ requisition slip and must ensure that category of job/expected completion date of work is mentioned in each work order/ order slip issued by DGH's EIC)/HOD (HR & Admin) or his authorized representative.
- F. Dismantling Materials: The Contractor shall treat all the materials obtained during dismantling of any existing structure, excavation of site for work etc. as the property of Directorate General Hydrocarbons and such materials shall be deposited with DGH or to be reused according to the instruction in writing by DGH's Engineer In-Charge (Civil).
- G. The contractor must submit all pending reports each day in a separate sheet, clearly stating the reasons for not completing the job.
- H. Safety Measures: The contractor shall carry out the work at various site in such a way that no hindrance or injury is caused to any person at worksite, and to the other person working in the area, without causing any damage to the existing equipments, property or other facilities etc. Any damage so occurred to the person/property of DGH shall be made good by the Contractor at his /their own cost or as directed by the EIC.



I. The Contractor shall make his own arrangement for safety of all employed personnel while on duty. DGH will not be held responsible for safety of contractor's men/materials or for any work accident caused to any of his employed person.

J. Job Priority: The work/job assigned is to be completed as per category mentioned below or as per the expected completion date given in the work order, whichever is later:

i) URGENT: Same day or at the most next day (1-2 days of issue of requisition letter/job order card/job slip etc.)

ii) MEDIUM: Within 04-05 days of issue of requisition letter/job order card/slip.

iii) NORMAL: Within 07 days of issue of requisition letter/job order card/slip.

- 3.4 **Protection of work:** The Contractor shall be responsible for providing temporary fencing, doors etc. for necessary protection and isolation of the work site during progress of work. He shall also provide and maintain any other temporary covering required for the protection of finished/unfinished wood work that can be damaged during the progress of the work.
- 3.5 **Make Good Defective Work:** All the defective or damaged work pointed out by the EIC/HOD (HR & Admin) shall be renewed or repaired to the satisfaction of DGH without any extra charges.
- 3.6 The Contractor shall have to carry out the work set out in the Schedule of work in accordance with terms and conditions and special condition of contract.
- 3.7 The Contractor shall provide required all labour, supervision and transport and such specified materials described in schedule of rates/Price Format/ Price Schedule including tools, tackles and plants etc. as necessary for the completion of assigned work, and shall be responsible for all royalties and other levies.
- 3.8 His quoted rates shall include for all incidental and contingent work which are although not specifically mentioned in the contract, but are necessary for its completion in a sound and workmanlike manner.
- 3.9 The Company's engineer shall have power to:
- a) Reduce the rates at which payments shall be made if the quality of the work, although acceptable, is not up to the required standard, set forth in the DGH's standard specifications which have been pursued and fully understood by the Contractor.
  - b) Order the contractor to remove any materials from the work site and to demolish or rectify any work of interior workmanship, failing which the Company's Engineer may arrange for any such work to be demolished or rectified by any other means at the Contractor's expense.
  - c) Order the Contractor to remove or replace any workman whom the DGH's Engineer in Charge/HOD (HR & Admin) considers incompetent or unsuitable. The Engineer's opinion as to the competence and suitability of any workman engaged by the Contractor shall be final and binding on the contractor.
  - d) Issue drawings/ instructions to the contractor from time to time during the progress of the work as shall be necessary for the purpose of proper, satisfactory executions and maintenance of the works, and the contractor shall carry out and be bound by the same.
- 3.10 The Contractor shall have no claim against the Company in respect of any work which may be withdrawn, but only for work actually completed under this Contract. The Contractor shall have no objection to carry out work in excess of the

tentative/indicative quantities stipulated in Schedule of rates/Price Format/Price Schedule, if so ordered by the DGH on the same rates, terms and conditions.

- 3.11 Quantities mentioned in the schedule of rates/Price Format/Price Schedule are tentative/indicative. However, payment will be made as per actual.
- 3.12 The Contractor hereby undertakes to indemnify the Company against all claims which may arise under the noted Act and respective subsequent amendment:
- i) Contract Labour Regulation & Abolition Act, 1970 and the rules framed there under
  - ii) The Workman Compensation Act.
  - iii) Payment of Wages Act.
  - iv) Minimum Wages Act.
  - v) Payment of Bonus Act, 1965
  - vi) Family Pension Scheme
  - vii) Inter – State Migrant Workmen (Regulation of Employment and Conditions of Services) Act, 1979 or any other Act(s) or Statutes not herein above specifically mentioned having bearing over engagement of workers directly or indirectly for execution of work (Contract). The Contractor shall not make the Company liable to reimburse the Contractor for the statutory increase in the wage rates of the contract labour appointed by the Contractor. Such statutory increase in the wage rates of the Contract labour shall be borne by the Contractor.

The Contractor shall ensure full compliance of various Indian Laws and Statutory Regulations, to the extent applicable, in force from time to time and obtain necessary permits / licenses etc. from appropriate authorities for conducting operations under the Contract. Contractor will be solely responsible for any lapse(s) against the same.

- 3.13 The Contractor shall clear away all rubbish and surplus materials from the site on completion of work and shall clear the worksite.
- 3.14 **Liquidated Damage:** The Contractor shall complete the work within a specified time as written in work/job order for completion of work. Separate work order will be issued for individual job. During the currency of the job, the work progress should be commensurate with the time elapsed. The Contractor shall be liable to pay the Company a liquidated damage at 0.5% per week or part thereof of the total contract price of the specific work order for which delay in completion takes place subject to a maximum of 10% only of the total contract price of the specific work order.
- 3.15 **Certificate of Completion:** The work shall not be considered as complete until Company certifies in writing that the work has been completed. The work shall not be considered as completed until the Contractor clears the site from all rubble, removes all dirt and dust and cleans all doors, windows, ventilations of all splashes of white and colour wash, distemper, paint etc.
- 3.16 The Contractor shall ensure that all men engaged by him are provided with appropriate protective clothing and safety wear in accordance with appropriate Governmental regulations.
- 3.17 In order to promote, safeguard and facilitate the general, operational economic interest of the Company, during the continuance of this agreement the contractor hereby agrees and undertakes not to take any direct or indirect interest and / or support, assist maintain or help any person or persons engaged in antisocial activities, demonstrations, riots or in any agitation prejudicial to the Company's interest and any such event taking shape or form at any place of the Company's work and its neighbourhoods.

- 3.18 If any works attract some line item/s for which rates are not available in the Schedule of rates/Price Format/Price Schedule of the tender document, but the rates are available in the CPWD 2016 DSR. Then, contractor must agree to carry out the work at the rate/price mentioned in the CPWD 2016 DSR with loading of same discount quoted in the Schedule of rates/Price Format/Price Schedule of the tender document for the tendered items.
- 3.19 If any works attract some line item/s for which rates are not available in the Schedule of rates/Price Format/Price Schedule of the tender document, and the direct reference for rates/price is also not available in the CPWD 2016 DSR. Then, for these Non-Schedule work/line items, rate analysis will be prepared based on the CPWD 2016 DSR (with loading of same discount quoted in the Schedule of rates/Price Format/Price Schedule of the tender document for the tendered items), and if required, three quotations (from the bonafide sellers), for the required material for which rates are not available in CPWD 2016 DSR) will also be submitted by the contractor. Contractor must agree to carry out the work at the rate/price derived after analysis of the work/line items.
- 3.20 **Payment Terms:** No advance shall be released by DGH. Payment to contractor shall be processed for release by the HR/Civil Section against each job/service order after satisfactorily successful completion of respective work.

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**BOQ/Price Schedule**

Sl. No.	Item Description	Qty.	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1.1	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	13.00	Sqm	3.65	<b>47.45</b>	INR Forty Seven and Paise Forty Five Only
2.1	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete With Chlorpyrifos/ Lindane E.C. 20% with 1% concentration.	37.50	M	16.80	<b>630.00</b>	INR Six Hundred & Thirty Only
3.1	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : Treatment at points of contact of wood work by chemical emulsion Chlorpyrifos/ Lindane (in oil or kerosene based solution) @ 0.5litres per hole by drilling 6 mm dia holes at downward angle of 45degree at 150 mm centre to centre and sealing the same.	50.00	M2	191.40	<b>9570.00</b>	INR Nine Thousand Five Hundred & Seventy Only
4.1	Cement mortar 1:4 (1 cement : 4 fine sand).	12.50	Cum	3499.70	<b>43746.25</b>	INR Forty Three Thousand Seven Hundred & Forty Six and Paise Twenty Five Only
5.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	12.50	Cum	5924.65	<b>74058.13</b>	INR Seventy Four Thousand & Fifty Eight and Paise Thirteen Only
6.1	Providing & Laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:2:4 ( 1 Cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	12.50	Cum	5481.95	<b>68524.38</b>	INR Sixty Eight Thousand Five Hundred & Twenty Four and Paise Thirty Eight Only
7.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	12.50	Cum	4927.00	<b>61587.50</b>	INR Sixty One Thousand Five Hundred & Eighty Seven and Paise Fifty Only
8.1	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing : 1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	12.50	Cum	6990.40	<b>87380.00</b>	INR Eighty Seven Thousand Three Hundred & Eighty Only
9.1	Centering and shuttering including strutting, propping etc. and removal of form work for : Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	12.50	Sqm	378.60	<b>4732.50</b>	INR Four Thousand Seven Hundred & Thirty Two and Paise Fifty Only

10.1	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	12.50	Sqm	320.25	<b>4003.13</b>	INR Four Thousand & Three and Paise Thirteen Only
11.1	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth.	12.50	Sqm	450.35	<b>5629.38</b>	INR Five Thousand Six Hundred & Twenty Nine and Paise Thirty Eight Only
12.1	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	12.50	Cum	7145.80	<b>89322.50</b>	INR Eighty Nine Thousand Three Hundred & Twenty Two and Paise Fifty Only
13.1	Centring and shuttering including strutting, propping etc. and removal of form for : Shelves (Cast in situ).	12.50	Sqm	422.30	<b>5278.75</b>	INR Five Thousand Two Hundred & Seventy Eight and Paise Seventy Five Only
14.1	Centring and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers.	10.00	Sqm	342.90	<b>3429.00</b>	INR Three Thousand Four Hundred & Twenty Nine Only
15.1	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars	10.00	Kg	56.60	<b>566.00</b>	INR Five Hundred & Sixty Six Only
16.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	10.00	Cum	5801.50	<b>58015.00</b>	INR Fifty Eight Thousand & Fifteen Only
17.1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level: Cement mortar 1:4 (1 cement :3 coarse sand)	10.00	Sqm	684.20	<b>6842.00</b>	INR Six Thousand Eight Hundred & Forty Two Only
18.1	Marble work gang saw cut (polished and machine cut) of thickness 18mm for wall lining (veneer work) in cement mortar 1:3 (1 cement : 3 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade: (To be secured to the backing by means of cramps, which shall be paid for separately).Raj Nagar Plain white marble / Udaipur green marble / Zebra black marble.Area of slab over 0.50 sqm.	5.00	Sqm	3035.50	<b>15177.50</b>	INR Fifteen Thousand One Hundred & Seventy Seven and Paise Fifty Only
19.1	Providing and Fixing 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels : Raj Nagar Plain white marble / Udaipur green marble / Zebra black marble. Area of slab over 0.50 sqm.	25.00	Sqm	1850.15	<b>46253.75</b>	INR Forty Six Thousand Two Hundred & Fifty Three and Paise Seventy Five Only

20.1	Providing & Fixing 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels : Granite of any colour and shade. Area of slab upto 0.50 sqm.	25.00	Sqm	2259.89	<b>56497.25</b>	INR Fifty Six Thousand Four Hundred & Ninety Seven and Paise Twenty Five Only
21.1	Providing and Fixing 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels : Granite of any colour and shade. Area of slab over 0.50 sqm.	25.00	Sqm	3113.30	<b>77832.50</b>	INR Seventy Seven Thousand Eight Hundred & Thirty Two and Paise Fifty Only
22.1	Providing edge moulding to 18mm thick marble stone counters, vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in Charge. Marble work.	50.00	M	144.70	<b>7235.00</b>	INR Seven Thousand Two Hundred & Thirty Five Only
23.1	Providing edge moulding to 18mm thick marble stone counters, vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in Charge. Granite work.	50.00	M	245.70	<b>12285.00</b>	INR Twelve Thousand Two Hundred & Eighty Five Only
24.1	Extra for Providing & fixing marble/granite stone over and above corresponding basic item, in facia and drops of width upto 150mm with epoxy resin based adhesive including cleaning etc. complete.	50.00	M	266.25	<b>13312.50</b>	INR Thirteen Thousand Three Hundred & Twelve and Paise Fifty Only
25.1	Extra for providing opening of required size & shape for wash basins / kitchen sink in kitchen platform, vanity counters and similar location in marble / Granite / stonework including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete.	10.00	Each	427.95	<b>4279.50</b>	INR Four Thousand Two Hundred & Seventy Nine and Paise Fifty Only
26.1	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	10.00	Sqm	231.50	<b>2315.00</b>	INR Two Thousand Three Hundred & Fifteen Only
27.1	Providing and fixing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately):Second class teak wood	5.00	Cum	92743.05	<b>463715.25</b>	INR Four Lakh Sixty Three Thousand Seven Hundred & Fifteen and Paise Twenty Five Only
28.1	Providing and fixing 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):Kiln seasoned and chemically treated Hollock wood.	6.00	Cum	54930.25	<b>329581.50</b>	INR Three Lakh Twenty Nine Thousand Five Hundred & Eighty One and Paise Fifty Only
29.1	Providing and fixing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Kiln seasoned and chemically treated hollock wood.	10.00	Cum	49465.10	<b>494651.00</b>	INR Four Lakh Ninety Four Thousand Six Hundred & Fifty One Only

30.1	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S butt hinges with necessary screws excluding, panelling which will be paid for separately. Second class teak wood.35mm thick shutters.	10.00	Sqm	2548.15	<b>25481.50</b>	INR Twenty Five Thousand Four Hundred & Eighty One and Paise Fifty Only
31.1	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S butt hinges with necessary screws excluding, panelling which will be paid for separately.Kiln seasoned and chemically treated Hollock wood. 35mm thick shutters.	10.00	Sqm	1795.60	<b>17956.00</b>	INR Seventeen Thousand Nine Hundred & Fifty Six Only
32.1	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including black enamelled ISI marked M.S butt hinges with necessary screws. Second class teak wood 35mm thick.	10.00	Sqm	3059.60	<b>30596.00</b>	INR Thirty Thousand Five Hundred & Ninety Six Only
33.1	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including black enamelled ISI marked M.S butt hinges with necessary screws. Kiln seasoned and chemically treated Hollock wood 35mm thick.	10.00	Sqm	2202.60	<b>22026.00</b>	INR Twenty Two Thousand & Twenty Six Only
34.1	Providing and fixing flat pressed 3 layer particle board medium density exterior grade (Grade I) or graded wood particle board IS : 3087 marked to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately) :12mm thick	25.00	Sqm	542.05	<b>13551.25</b>	INR Thirteen Thousand Five Hundred & Fifty One and Paise Twenty Five Only
35.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35mm thick including ISI marked Stainless Steel butt hinges with necessary screws	25.00	Sqm	2488.95	<b>62223.75</b>	INR Sixty Two Thousand Two Hundred & Twenty Three and Paise Seventy Five Only
36.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 30mm thick including ISI marked Stainless Steel butt hinges with necessary screws	25.00	Sqm	2372.80	<b>59320.00</b>	INR Fifty Nine Thousand Three Hundred & Twenty Only
37.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1 st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	25.00	Sqm	1559.75	<b>38993.75</b>	INR Thirty Eight Thousand Nine Hundred & Ninety Three and Paise Seventy Five Only
38.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1 st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 30mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	25.00	Sqm	1559.75	<b>38993.75</b>	INR Thirty Eight Thousand Nine Hundred & Ninety Three and Paise Seventy Five Only

39.1	Extra for Providing and fixing flush doors with decorative veneering instead of non decorative ISI marked flush door shutters conforming to IS: 2202 (Part I) : On one side only	25.00	Sqm	394.90	<b>9872.50</b>	INR Nine Thousand Eight Hundred & Seventy Two and Paise Fifty Only
40.1	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	25.00	Sqm	365.85	<b>9146.25</b>	INR Nine Thousand One Hundred & Forty Six and Paise Twenty Five Only
41.1	Providing and fixing wire gauze shutters using galvanised M.S. wire gauze of average width of aperture 1.4mm in both directions with wire of dia. 0.63mm for doors, windows and clerestory windows with hinges and necessary screws: 35mm thick shutters , Second class teak wood.	10.00	Sqm	3040.30	<b>30403.00</b>	INR Thirty Thousand Four Hundred & Three Only
42.1	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination on other side balancing lamination Grade I, Type II, IS : 12823 marked including priming coat on unexposed surface, with necessary fixing arrangement and screws etc. complete:12mm thick.	10.00	Sqm	954.00	<b>9540.00</b>	INR Nine Thousand Five Hundred & Forty Only
43.1	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination on other side balancing lamination Grade I, Type II, IS : 12823 marked including priming coat on unexposed surface, with necessary fixing arrangement and screws etc. complete:18mm thick.	10.00	Sqm	1097.10	<b>10971.00</b>	INR Ten Thousand Nine Hundred & Seventy One Only
44.1	Providing and fixing plywood 4mm thick one side decorative veneer conforming to IS : 1328 (type-1) for plain lining / cladding with necessary screws, priming coat on unexposed surface with: Decorative veneer facings of approved manufacture.	20.00	Sqm	1030.70	<b>20614.00</b>	INR Twenty Thousand Six Hundred & Fourteen Only
45.1	Providing and fixing 4mm thick coir veneer board, ISI marked IS : 14842-2000, plain lining with necessary screws, priming coat on unexposed surface etc., complete.	20.00	Sqm	1030.70	<b>20614.00</b>	INR Twenty Thousand Six Hundred & Fourteen Only
46.1	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete: 2nd class teak wood 50x12mm.	50.00	M	119.65	<b>5982.50</b>	INR Five Thousand Nine Hundred & Eighty Two and Paise Fifty Only
47.1	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete: 2nd class teak wood 50x20mm.	50.00	M	154.75	<b>7737.50</b>	INR Seven Thousand Seven Hundred & Thirty Seven and Paise Fifty Only
48.1	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete: Hollock wood 50x12mm	50.00	M	97.80	<b>4890.00</b>	INR Four Thousand Eight Hundred & Ninety Only
49.1	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete: Hollock wood 50x20mm.	50.00	M	118.65	<b>5932.50</b>	INR Five Thousand Nine Hundred & Thirty Two and Paise Fifty Only



50.1	Providing and fixing 18 mm thick, 150 mm wide pelmet of coir veneer board ISI marked IS : 14842, including top cover of 6 mm coir veneer board, nickle plated M.S. Pipe 20 mm dia. (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. Flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete.	10.00	M	484.50	<b>4845.00</b>	INR Four Thousand Eight Hundred & Forty Five Only
51.1	Providing and fixing teak wood lipping of size 25x3mm in pelmet.	10.00	M	41.10	<b>411.00</b>	INR Four Hundred & Eleven Only
52.1	Providing and fixing curtain rods of 1.25mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete : 20mm dia.	10.00	M	359.30	<b>3593.00</b>	INR Three Thousand Five Hundred & Ninety Three Only
53.1	Providing and fixing curtain rods of 1.25mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete: 25mm dia.	10.00	M	463.85	<b>4638.50</b>	INR Four Thousand Six Hundred & Thirty Eight and Paise Fifty Only
54.1	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets: 20mm dia (heavy type).	10.00	M	119.25	<b>1192.50</b>	INR One Thousand One Hundred & Ninety Two and Paise Fifty Only
55.1	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets: 25mm dia (heavy type).	10.00	M	126.25	<b>1262.50</b>	INR One Thousand Two Hundred & Sixty Two and Paise Fifty Only
56.1	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete. Fixed to openings /wooden frames with rawl plugs screws etc.	10.00	Kg	112.45	<b>1124.50</b>	INR One Thousand One Hundred & Twenty Four and Paise Fifty Only
57.1	Providing and fixing hard drawn steel wire fabric 75x25mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19mm beading of second class teak wood.	10.00	Sqm	1054.00	<b>10540.00</b>	INR Ten Thousand Five Hundred & Forty Only
58.1	Providing and fixing fly proof galvanised M.S. wire gauze to windows and clerestory windows using galvanised MS wire gauze with average width of aperture 1.4mm in both directions with wire of dia. 0.63mm. With 2nd class teak wood beading 62X19mm.	10.00	Sqm	846.45	<b>8464.50</b>	INR Eight Thousand Four Hundred & Sixty Four and Paise Fifty Only
59.1	Providing and fixing fly proof galvanised M.S. wire gauze to windows and clerestory windows using galvanised MS wire gauze with average width of aperture 1.4mm in both directions with wire of dia. 0.63mm. With 12mm mild steel U beading.	10.00	Sqm	597.00	<b>5970.00</b>	INR Five Thousand Nine Hundred & Seventy Only
60.1	Providing and fixing IS : 1341 marked M.S. heavy weight butt hinges with necessary screws etc. complete: 125x90x4.00mm.	10.00	Each	42.05	<b>420.50</b>	INR Four Hundred & Twenty and Paise Fifty Only
61.1	Providing and fixing IS : 1341 marked M.S. heavy weight butt hinges with necessary screws etc. complete: 100x75x3.50mm.	10.00	Each	34.95	<b>349.50</b>	INR Three Hundred & Forty Nine and Paise Fifty Only
62.1	Providing and fixing IS : 1341 marked M.S. heavy weight butt hinges with necessary screws etc. complete: 75x60x3.10mm.	10.00	No.	25.45	<b>254.50</b>	INR Two Hundred & Fifty Four and Paise Fifty Only

63.1	Providing and fixing ISI : 1341 marked M.S. heavy weight butt hinges with necessary screws etc. complete: 50x40x2.50mm.	10.00	No.	14.55	<b>145.50</b>	INR One Hundred & Forty Five and Paise Fifty Only
64.1	Providing and fixing ISI : 1341 marked M.S. heavy weight butt hinges with necessary screws etc. complete: 50x40x2.50mm.	10.00	Each	222.90	<b>2229.00</b>	INR Two Thousand Two Hundred & Twenty Nine Only
65.1	Providing and fixing oxidised M.S. double acting spring hinges with necessary screws etc. complete. :125mm.	10.00	Each	199.65	<b>1996.50</b>	INR One Thousand Nine Hundred & Ninety Six and Paise Fifty Only
66.1	Providing and fixing oxidised M.S. double acting spring hinges with necessary screws etc. complete. :100mm.	10.00	Each	175.15	<b>1751.50</b>	INR One Thousand Seven Hundred & Fifty One and Paise Fifty Only
67.1	Providing and fixing M.S. Piano hinges ISI marked ISI : 3818 finished with nickel plating and fixing with necessary screws etc., complete.Overall width 35mm	10.00	M	178.40	<b>1784.00</b>	INR One Thousand Seven Hundred & Eighty Four Only
68.1	Providing and fixing M.S. Piano hinges ISI marked ISI : 3818 finished with nickel plating and fixing with necessary screws etc., complete.Overall width 50mm.	10.00	M	174.90	<b>1749.00</b>	INR One Thousand Seven Hundred & Forty Nine Only
69.1	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete: 250x10mm.	10.00	Each	64.00	<b>640.00</b>	INR Six Hundred & Forty Only
70.1	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete: 200x10mm	10.00	Each	51.05	<b>510.50</b>	INR Five Hundred & Ten and Paise Fifty Only
71.1	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete: 150x10mm.	10.00	Each	44.10	<b>441.00</b>	INR Four Hundred & Forty One Only
72.1	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete: 100x10mm.	10.00	Each	31.40	<b>314.00</b>	INR Three Hundred & Fourteen Only
73.1	Providing and fixing ISI marked oxidised M.S. handles conforming to ISI : 4992 with necessary screws etc. complete: 125mm.	10.00	Each	28.60	<b>286.00</b>	INR Two Hundred & Eighty Six Only
74.1	Providing and fixing ISI marked oxidised M.S. handles conforming to ISI :4992 with necessary screws etc. complete: 100mm.	10.00	Each	22.65	<b>226.50</b>	INR Two Hundred & Twenty Six and Paise Fifty Only
75.1	Providing and fixing ISI marked oxidised M.S. handles conforming to ISI :4992 with necessary screws etc. complete:75mm.	10.00	Each	19.15	<b>191.50</b>	INR One Hundred & Ninety One and Paise Fifty Only

76.1	Providing & Fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete: 125x64x2.50mm.	10.00	Each	74.15	<b>741.50</b>	INR Seven Hundred & Forty One and Paise Fifty Only
77.1	Providing & Fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete: 100x60x2.50mm.	10.00	Each	58.90	<b>589.00</b>	INR Five Hundred & Eighty Nine Only
78.1	Providing & Fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete: 75x50x2.50mm.	10.00	Each	46.70	<b>467.00</b>	INR Four Hundred & Sixty Seven Only
79.1	Providing & Fixing bright finished brass butt hinges with necessary screws etc. complete: 125x85x5.5mm (heavy type)	10.00	Each	205.95	<b>2059.50</b>	INR Two Thousand & Fifty Nine and Paise Fifty Only
80.1	Providing & Fixing bright finished brass butt hinges with necessary screws etc. complete: 125x70x4mm (ordinary type)	10.00	Each	137.20	<b>1372.00</b>	INR One Thousand Three Hundred & Seventy Two Only
81.1	Providing & Fixing bright finished brass butt hinges with necessary screws etc. complete: 100x85x5.5mm (heavy type)	10.00	Each	162.45	<b>1624.50</b>	INR One Thousand Six Hundred & Twenty Four and Paise Fifty Only
82.1	Providing & Fixing bright finished brass butt hinges with necessary screws etc. complete: 100x70x4mm (ordinary type)	10.00	Each	109.85	<b>1098.50</b>	INR One Thousand & Ninety Eight and Paise Fifty Only
83.1	Providing & Fixing bright finished brass butt hinges with necessary screws etc. complete: 75x65x4mm (heavy type)	10.00	Each	132.85	<b>1328.50</b>	INR One Thousand Three Hundred & Twenty Eight and Paise Fifty Only
84.1	Providing & Fixing bright finished brass butt hinges with necessary screws etc. complete: 75x40x2.5mm (ordinary type).	10.00	Each	72.45	<b>724.50</b>	INR Seven Hundred & Twenty Four and Paise Fifty Only
85.1	Providing & Fixing bright finished brass butt hinges with necessary screws etc. complete: 50x40x2.5mm (ordinary type).	10.00	Each	30.20	<b>302.00</b>	INR Three Hundred & Two Only
86.1	Providing & Fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete: 250x10mm.	10.00	Each	313.20	<b>3132.00</b>	INR Three Thousand One Hundred & Thirty Two Only
87.1	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete: 200x10mm.	10.00	Each	251.40	<b>2514.00</b>	INR Two Thousand Five Hundred & Fourteen Only
88.1	Providing & Fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete: 150x10mm.	10.00	Each	193.45	<b>1934.50</b>	INR One Thousand Nine Hundred & Thirty Four and Paise Fifty Only
89.1	Providing & Fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete: 100x10mm.	10.00	Each	132.10	<b>1321.00</b>	INR One Thousand Three Hundred & Twenty One Only
90.1	Providing and fixing bright finished brass door latch with necessary screws etc. complete : 300x16x5 mm	10.00	Each	227.05	<b>2270.50</b>	INR Two Thousand Two Hundred & Seventy and Paise Fifty Only
91.1	Providing and fixing bright finished brass door latch with necessary screws etc. complete : 250x16x5 mm	10.00	Each	215.40	<b>2154.00</b>	INR Two Thousand One Hundred & Fifty Four Only

92.1	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	10.00	Each	556.45	<b>5564.50</b>	INR Five Thousand Five Hundred & Sixty Four and Paise Fifty Only
93.1	Providing & Fixing bright finished brass night latch including necessary screws etc. complete (best make of approved quality).	5.00	Each	794.55	<b>3972.75</b>	INR Three Thousand Nine Hundred & Seventy Two and Paise Seventy Five Only
94.1	Providing & Fixing special quality bright finished brass cupboard or wardrobe locks with four levers including necessary screws etc. complete (best make of approved quality) : 65mm.	5.00	Each	202.20	<b>1011.00</b>	INR One Thousand & Eleven Only
95.1	Providing & Fixing special quality bright finished brass cupboard or wardrobe locks with four levers including necessary screws etc. complete (best make of approved quality) : 75mm.	5.00	Each	219.65	<b>1098.25</b>	INR One Thousand & Ninety Eight and Paise Twenty Five Only
96.1	Providing & Fixing 50mm bright finished brass cupboard or wardrobe knob with necessary screws (best make of approved quality).	5.00	Each	49.10	<b>245.50</b>	INR Two Hundred & Forty Five and Paise Fifty Only
97.1	Providing & Fixing bright finished brass handles with screws etc. complete: 125mm.	5.00	Each	171.20	<b>856.00</b>	INR Eight Hundred & Fifty Six Only
98.1	Providing & Fixing bright finished brass handles with screws etc. complete: 100mm.	5.00	Each	159.20	<b>796.00</b>	INR Seven Hundred & Ninety Six Only
99.1	Providing & Fixing bright finished brass handles with screws etc. complete: 75mm.	5.00	Each	124.35	<b>621.75</b>	INR Six Hundred & Twenty One and Paise Seventy Five Only
100.1	Providing & Fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	5.00	Each	85.85	<b>429.25</b>	INR Four Hundred & Twenty Nine and Paise Twenty Five Only
101.1	Providing & Fixing IS : 3564 marked aluminium extruded section body tubular type universal hydraulic door closer with double speed adjustment with necessary accessories and screws etc. complete.	5.00	Each	388.40	<b>1942.00</b>	INR One Thousand Nine Hundred & Forty Two Only
102.1	Providing and fixing bright finished brass casement stays (straight peg type) with necessary screws etc. complete : 300 mm weighing not less than 330 gms	5.00	Each	169.15	<b>845.75</b>	INR Eight Hundred & Forty Five and Paise Seventy Five Only
103.1	Providing and fixing bright finished brass casement stays (straight peg type) with necessary screws etc. complete : 250 mm weighing not less than 330 gms	5.00	Each	138.25	<b>691.25</b>	INR Six Hundred & Ninety One and Paise Twenty Five Only
104.1	Providing and fixing bright finished brass casement stays (straight peg type) with necessary screws etc. complete : 200 mm weighing not less than 330 gms	5.00	Each	126.65	<b>633.25</b>	INR Six Hundred & Thirty Three and Paise Twenty Five Only
105.1	Providing & Fixing bright finished brass hasp and staple (safety type) with necessary screws etc. complete: 150mm.	5.00	Each	104.80	<b>524.00</b>	INR Five Hundred & Twenty Four Only
106.1	Providing & Fixing bright finished brass hasp and staple (safety type) with necessary screws etc. complete: 115mm.	5.00	Each	88.10	<b>440.50</b>	INR Four Hundred & Forty and Paise Fifty Only

107.1	Providing & Fixing bright finished brass hasp and staple (safety type) with necessary screws etc. complete: 90mm.	5.00	Each	77.65	<b>388.25</b>	INR Three Hundred & Eighty Eight and Paise Twenty Five Only
108.1	Providing & Fixing chromium plated brass 100mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete (best make of approved quality).	5.00	Each	678.40	<b>3392.00</b>	INR Three Thousand Three Hundred & Ninety Two Only
109.1	Providing & Fixing chromium plated brass night latch including necessary screws etc. complete (Best make of approved quality).	5.00	Each	730.7	<b>3653.50</b>	INR Three Thousand Six Hundred & Fifty Three and Paise Fifty Only
110.1	Providing & Fixing chromium plated brass handles with necessary screws etc. complete: 125mm.	5.00	Each	211.85	<b>1059.25</b>	INR One Thousand & Fifty Nine and Paise Twenty Five Only
111.1	Providing & Fixing chromium plated brass handles with necessary screws etc. complete: 100mm.	5.00	Each	182.45	<b>912.25</b>	INR Nine Hundred & Twelve and Paise Twenty Five Only
112.1	Providing & Fixing chromium plated brass handles with necessary screws etc. complete: 75mm.	5.00	Each	159.20	<b>796.00</b>	INR Seven Hundred & Ninety Six Only
113.1	Providing & Fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: 125x75x4mm.	5.00	Each	118.20	<b>591.00</b>	INR Five Hundred & Ninety One Only
114.1	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300 x 16 mm.	5.00	Each	212.45	<b>1062.25</b>	INR One Thousand & Sixty Two and Paise Twenty Five Only
115.1	Providing & Fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete: 250x16mm.	5.00	Each	189.20	<b>946.00</b>	INR Nine Hundred & Forty Six Only
116.1	Providing & Fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade with necessary screws etc. complete: 300x10mm.	5.00	Each	99.70	<b>498.50</b>	INR Four Hundred & Ninety Eight and Paise Fifty Only
117.1	Providing & Fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade with necessary screws etc. complete: 250x10mm.	5.00	Each	88.10	<b>440.50</b>	INR Four Hundred & Forty and Paise Fifty Only
118.1	Providing & Fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade with necessary screws etc. complete: 200x10mm.	5.00	Each	76.15	<b>380.75</b>	INR Three Hundred & Eighty and Paise Seventy Five Only
119.1	Providing & Fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade with necessary screws etc. complete: 150x10mm.	5.00	Each	64.30	<b>321.50</b>	INR Three Hundred & Twenty One and Paise Fifty Only
120.1	Providing & Fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade with necessary screws etc. complete: 100x10mm.	5.00	Each	49.20	<b>246.00</b>	INR Two Hundred & Forty Six Only
121.1	Providing & Fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: 125mm.	5.00	Each	51.10	<b>255.50</b>	INR Two Hundred & Fifty Five and Paise Fifty Only

122.1	Providing & Fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: 100mm.	5.00	Each	45.10	<b>225.50</b>	INR Two Hundred & Twenty Five and Paise Fifty Only
123.1	Providing & Fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: 75mm.	5.00	Each	38.95	<b>194.75</b>	INR One Hundred & Ninety Four and Paise Seventy Five Only
124.1	Providing & Fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. Twin rubber stopper.	5.00	Each	38.00	<b>190.00</b>	INR One Hundred & Ninety Only
125.1	Providing & Fixing bright finished brass 100mm mortice latch and lock ISI marked with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles with necessary screws etc. complete (Best make of approved quality).	5.00	Each	622.15	<b>3110.75</b>	INR Three Thousand One Hundred & Ten and Paise Seventy Five Only
126.1	Providing & Fixing aluminium tee channels (heavy duty) with rollers, stop end in pelmets as curtain rod.	5.00	M	64.55	<b>322.75</b>	INR Three Hundred & Twenty Two and Paise Seventy Five Only
127.1	Providing & Fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood. 50x50mm (base and height).	5.00	M	197.30	<b>986.50</b>	INR Nine Hundred & Eighty Six and Paise Fifty Only
128.1	Providing & Fixing 2nd class teak wood lipping / moulded beading or taj beading of size 18X5mm fixed with wooden adhesive of approved quality and screws / nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-Charge.	5.00	M	64.35	<b>321.75</b>	INR Three Hundred & Twenty One and Paise Seventy Five Only
129.1	Providing & Fixing magnetic catcher in cupboard / wardrobe shutters including fixing with necessary screws etc. complete (Best make of approved quality) : Triple strip vertical type.	5.00	Each	28.45	<b>142.25</b>	INR One Hundred & Forty Two and Paise Twenty Five Only
130.1	Providing & Fixing powder coated telescopic drawer channels 300mm long with necessary screws etc. complete as per directions of Engineer in-charge.	5.00	One Set	198.25	<b>991.25</b>	INR Nine Hundred & Ninety One and Paise Twenty Five Only
131.1	Providing & Fixing sliding arrangement in racks / cupboards / cabinets shutter by P/F stainless steel rollers to run inside C or E aluminium channel section (The payment of C or E channel shall be made separately).	5.00	Each	12.55	<b>62.75</b>	INR Sixty Two and Paise Seventy Five Only
132.1	Providing & Fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge.	5.00	M	438.75	<b>2193.75</b>	INR Two Thousand One Hundred & Ninety Three and Paise Seventy Five Only

133.1	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5mm x 2 ) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing. 30 mm thick plain PVC door shutters	5.00	Sqm	2768.10	<b>13840.50</b>	INR Thirteen Thousand Eight Hundred & Forty and Paise Fifty Only
134.1	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5mm x 2 ) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing. 30 mm thick pre laminated PVC door shutters	10.00	Sqm	3232.70	<b>32327.00</b>	INR Thirty Two Thousand Three Hundred & Twenty Seven Only
135.1	Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws : 35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size Second class teak wood	10.00	Sqm	3236.20	<b>32362.00</b>	INR Thirty Two Thousand Three Hundred & Sixty Two Only

136.1	Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws : 35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size Kiln seasoned and chemically treated hollock wood	10.00	Sqm	2477.55	<b>24775.50</b>	INR Twenty Four Thousand Seven Hundred & Seventy Five and Paise Fifty Only
137.1	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete. With 2nd class teak wood beading 62X19 mm.	10.00	Sqm	1343.55	<b>13435.50</b>	INR Thirteen Thousand Four Hundred & Thirty Five and Paise Fifty Only
138.1	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete With 12 mm mild steel U beading.	10.00	Sqm	1094.10	<b>10941.00</b>	INR Ten Thousand Nine Hundred & Forty One Only
139.1	Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on back side of the Panic Latch of reputed brand and manufacture to be approved by the Engineer- in- charge, all complete.	10.00	Each	6143.30	<b>61433.00</b>	INR Sixty One Thousand Four Hundred & Thirty Three Only
140.1	Providing and fixing plain lining with necessary screws/nuts & bolts/nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in-charge(Frame work shall be paid for separately). 12mm thick commercial ply conforming to IS : 1328 BWR type	10.00	Sqm	1074.65	<b>10746.50</b>	INR Ten Thousand Seven Hundred & Forty Six and Paise Fifty Only
141.1	Providing and fixing 35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded solid PVC profiles, 5 mm ( $\pm$ 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineerin- charge. Non decorative finish (matt finish)	10.00	Sqm	2718.45	<b>27184.50</b>	INR Twenty Seven Thousand One Hundred & Eighty Four and Paise Fifty Only



142.1	Providing and fixing 35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded solid PVC profiles, 5 mm ( $\pm$ 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-in-charge. Non decorative finish (wood grained finish)	10.00	Sqm	3241.10	<b>32411.00</b>	INR Thirty Two Thousand Four Hundred & Eleven Only
143.1	Structural steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	10.00	Kg	58.45	<b>584.50</b>	INR Five Hundred & Eighty Four and Paise Fifty Only
144.1	Steel work in built up tubular trusses including cutting, hoisting fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete. Hot finished welded type tubes.	10.00	Kg	90.25	<b>902.50</b>	INR Nine Hundred & Two and Paise Fifty Only
145.1	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	10.00	Kg	472.40	<b>4724.00</b>	INR Four Thousand Seven Hundred & Twenty Four Only
146.1	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete. Galvanised M.S. Wire gauze with 0.63 mm dia wire and 1.4 mm aperture on both sides.	10.00	Sqm	544.45	<b>5444.50</b>	INR Five Thousand Four Hundred & Forty Four and Paise Fifty Only
147.1	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete. Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides.	10.00	Sqm	1041.55	<b>10415.50</b>	INR Ten Thousand Four Hundred & Fifteen and Paise Fifty Only
148.1	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 4.0 mm thick glass panes	10.00	Sqm	689.50	<b>6895.00</b>	INR Six Thousand Eight Hundred & Ninety Five Only

149.1	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 5.5 mm thick glass panes	10.00	Sqm	949.70	<b>9497.00</b>	INR Nine Thousand Four Hundred & Ninety Seven Only
150.1	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	10.00	Kg	66.00	<b>660.00</b>	INR Six Hundred & Sixty Only
151.1	Brick on edge flooring with bricks of class designation 75 including cement slurry etc. complete in cement mortar with F.P.S. bricks: 1:4	10.00	Sqm	675.95	<b>6759.50</b>	INR Six Thousand Seven Hundred & Fifty Nine and Paise Fifty Only
152.1	Cement plaster skirting (up to 30cm height) with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement.18mm thick.	10.00	Sqm	350.05	<b>3500.50</b>	INR Three Thousand Five Hundred and Paise Fifty Only
153.1	Marble stone flooring with 18mm thick marble stone (sample of marble shall be approved by Engineer-in-Charge) over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with: Makrana white second quality.	15.00	Sqm	2724.75	<b>40871.25</b>	INR Forty Thousand Eight Hundred & Seventy One and Paise Twenty Five Only
154.1	Marble stone flooring with 18mm thick marble stone (sample of marble shall be approved by Engineer-in-Charge) over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with Udaipur green marble.	10.00	Sqm	1589.40	<b>15894.00</b>	INR Fifteen Thousand Eight Hundred & Ninety Four Only
155.1	Extra for pre finished nosing to treads of steps of marble stone.	10.00	M	306.25	<b>3062.50</b>	INR Three Thousand & Sixty Two and Paise Fifty Only
156.1	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 metre.	10.00	Sqm	357.95	<b>3579.50</b>	INR Three Thousand Five Hundred & Seventy Nine and Paise Fifty Only
157.1	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1: 4 (1 cement : 4 coarse sand) :25mm thick.	10.00	Sqm	1158.10	<b>11581.00</b>	INR Eleven Thousand Five Hundred & Eighty One Only
158.1	40mm thick fine dressed stone flooring over 20mm (average)thick base of cement mortar 1:5 (1 cement : 5 coarse sand) including pointing with cement mortar 1:2 (1 cement : 2 stone dust) with an admixture of pigment to match the shade of stone.Red sand stone.	10.00	Sqm	743.70	<b>7437.00</b>	INR Seven Thousand Four Hundred & Thirty Seven Only
159.1	Extra for Kota stone / sand stone in treads of steps and risers using single length up to 1.05 metre.	10.00	Sqm	18.95	<b>189.50</b>	INR One Hundred & Eighty Nine and Paise Fifty Only
160.1	38 mm thick wood block flooring of first class teak wood laid over 25 mm thick leveling layer of cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 10 mm nominal size) to be paid separately, coated with a thin layer of hot bitumen penetration 80/25 (blown type) @ 2.45 kg per sqm, including fixing blocks in position after dipping in hot bitumen (blown type) up to half depth, planed, levelled smooth and finished complete.	10.00	Sqm	7266.95	<b>72669.50</b>	INR Seventy Two Thousand Six Hundred & Sixty Nine and Paise Fifty Only

161.1	Fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12mm 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.	10.00	Sqm	744.80	<b>7448.00</b>	INR Seven Thousand Four Hundred & Forty Eight Only
162.1	Laying Ceramic glazed floor tiles 300x300mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20mm thick cement Mortar 1:4 (1 cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	10.00	Sqm	688.35	<b>6883.50</b>	INR Six Thousand Eight Hundred & Eighty Three and Paise Fifty Only
163.1	Providing and laying Ceramic glazed floor tiles 300x300mm (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 20mm thick bed of cement Mortar 1:4 (1 cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.	10.00	Sqm	747.90	<b>7479.00</b>	INR Seven Thousand Four Hundred & Seventy Nine Only
164.1	Laying rectified Glazed Ceramic floor tiles 300x300mm 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 20mm thick Cement Mortar 1:4 (1 cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.	10.00	Sqm	901.05	<b>9010.50</b>	INR Nine Thousand & Ten and Paise Fifty Only
165.1	Laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm.	10.00	Sqm	1119.40	<b>11194.00</b>	INR Eleven Thousand One Hundred & Ninety Four Only
166.1	Providing & Erecting corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required-0.63 mm thick with zinc coating not less than 275gm/m2.	10.00	Sqm	700.55	<b>7005.50</b>	INR Seven Thousand & Five and Paise Fifty Only
167.1	Providing & Erecting ridges or hips of width 60 cm over all width plain G.S. sheet fixed with polymer coated J. or L hooks, bolts and nuts 8 mm dia. G.I. limpet and bitumen washers complete. 0.63 mm thick with zinc coating not less than 275gm/m3	10.00	m	539.10	<b>5391.00</b>	INR Five Thousand Three Hundred & Ninety One Only
168.1	Providing & Fixing insulating board ceiling of approved quality with necessary nails etc. complete (framework to be paid separately): White face insulating board- 12 mm thick	10.00	Sqm	567.75	<b>5677.50</b>	INR Five Thousand Six Hundred & Seventy Seven and Paise Fifty Only

169.1	Providing & Applying 10mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level over first class kail wood strips 25x6mm with 10mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame (frame work to be paid separately)	10.00	Sqm	864.60	<b>8646.00</b>	INR Eight Thousand Six Hundred & Forty Six Only
170.1	Providing extra for any sunk or raised mouldings in the plaster of Paris (Gypsum anhydrous) ceiling.	10.00	M	265.40	<b>2654.00</b>	INR Two Thousand Six Hundred & Fifty Four Only
171.1	Providing & Fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS :5382 leaving 10 mm gap for thermal expansion, (i) Single socketed pipes-75 mm dia	10.00	M	148.75	<b>1487.50</b>	INR One Thousand Four Hundred & Eighty Seven and Paise Fifty Only
172.1	Providing & Fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS :5382 leaving 10 mm gap for thermal expansion, (i) Single socketed pipes-110 mm dia	10.00	M	236.35	<b>2363.50</b>	INR Two Thousand Three Hundred & Sixty Three and Paise Fifty Only
173.1	Providing & Fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.-coupler 75 mm.	10.00	Each	64.95	<b>649.50</b>	INR Six Hundred & Forty Nine and Paise Fifty Only
174.1	Providing & Fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.-coupler 110 mm.	10.00	Each	102.65	<b>1026.50</b>	INR One Thousand & Twenty Six and Paise Fifty Only
175.1	Providing & Fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.Single tee without door-75 mm X 75 mmX 75 mm	10.00	Each	105.25	<b>1052.50</b>	INR One Thousand & Fifty Two and Paise Fifty Only
176.1	Providing & Fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.Single tee without door-110x110x110 mm.	10.00	Each	167.60	<b>1676.00</b>	INR One Thousand Six Hundred & Seventy Six Only
177.1	Providing & Fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.-Bend 87.5°- 75 mm Bend.	10.00	Each	76.55	<b>765.50</b>	INR Seven Hundred & Sixty Five and Paise Fifty Only
178.1	Providing & Fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.-Bend 87.5°- 110 mm Bend.	10.00	Each	113.10	<b>1131.00</b>	INR One Thousand One Hundred & Thirty One Only

179.1	Providing & Fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50mm hard wood plugs,screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4(1 cement: 4 coarse sand) and making good the wall etc. complete.- 75 mm.	10.00	Each	182.55	<b>1825.50</b>	INR One Thousand Eight Hundred & Twenty Five and Paise Fifty Only
180.1	Providing & Fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50mm hard wood plugs,screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4(1 cement: 4 coarse sand) and making good the wall etc. complete.- 110 mm,	10.00	Each	181.40	<b>1814.00</b>	INR One Thousand Eight Hundred & Fourteen Only
181.1	Providing & fixing inlet mouth of rain water pipe cast iron diameter and weighing not less than 440 grams.	10.00	Each	40.90	<b>409.00</b>	INR Four Hundred & Nine Only
182.1	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, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, 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 : 12.5 mm thick tapered edge gypsum plain board conforming IS: 2095 I	10.00	Sqm	806.20	<b>8062.00</b>	INR Eight Thousand & Sixty Two Only

183.1	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	10.00	Sqm	1041.95	<b>10419.50</b>	INR Ten Thousand Four Hundred & Nineteen and Paise Fifty Only
184.1	Provide 12mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	10.00	Sqm	172.95	<b>1729.50</b>	INR One Thousand Seven Hundred & Twenty Nine and Paise Fifty Only
185.1	Providing 15mm cement plaster on the rough side of single or half brick wall of mix:1:4 (1 cement : 4 fine sand)	10.00	Sqm	200.25	<b>2002.50</b>	INR Two Thousand & Two and Paise Fifty Only
186.1	Providing 12mm cement plaster of mix:1:4 (1 cement : 4 coarse sand).	10.00	Sqm	180.85	<b>1808.50</b>	INR One Thousand Eight Hundred & Eight and Paise Fifty Only
187.1	Providing 15mm cement plaster on rough side of single or half brick wall of mix:1:4 (1 cement : 4 coarse sand)	10.00	Sqm	209.65	<b>2096.50</b>	INR Two Thousand & Ninety Six and Paise Fifty Only
188.1	Providing 12mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand).	10.00	Sqm	226.80	<b>2268.00</b>	INR Two Thousand Two Hundred & Sixty Eight Only
189.1	Provide 12mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)	10.00	Sqm	214.20	<b>2142.00</b>	INR Two Thousand One Hundred & Forty Two Only
190.1	Providing 15mm cement plaster on rough side of single or halfbrick wall finished with a floating coat of neat cement of mix :1:3 (1 cement : 3 fine sand).	10.00	Sqm	256.55	<b>2565.50</b>	INR Two Thousand Five Hundred & Sixty Five and Paise Fifty Only
191.1	Providing 15mm cement plaster on rough side of single or halfbrick wall finished with a floating coat of neat cement of mix :1:4 (1 cement : 4 fine sand).	10.00	Sqm	241.50	<b>2415.00</b>	INR Two Thousand Four Hundred & Fifteen Only

192.1	Providing cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement.12mm cement plaster	10.00	Sqm	234.70	<b>2347.00</b>	INR Two Thousand Three Hundred & Forty Seven Only
193.1	Providing 15mm cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half brick wall.	10.00	Sqm	265.95	<b>2659.50</b>	INR Two Thousand Six Hundred & Fifty Nine and Paise Fifty Only
194.1	Providing Neat cement punning.	10.00	Sqm	42.60	<b>426.00</b>	INR Four Hundred & Twenty Six Only
195.1	Providing & Applying Plaster of Paris putty of 2mm thickness over plastered surface to prepare the surface even and smooth complete.	10.00	Sqm	118.70	<b>1187.00</b>	INR One Thousand One Hundred & Eighty Seven Only
196.1	Providing & Pointing on brick work or brick flooring with cement mortar 1:3 (1 cement : 3 fine sand) :Flush / Ruled / Struck or weathered pointing.	10.00	Sqm	115.85	<b>1158.50</b>	INR One Thousand One Hundred & Fifty Eight and Paise Fifty Only
197.1	Providing & Pointing on brick work or brick flooring with cement mortar 1:3 (1 cement : 3 fine sand) :Raised and cut pointing	10.00	Sqm	188.70	<b>1887.00</b>	INR One Thousand Eight Hundred & Eighty Seven Only
198.1	Providing Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade:New work (two or more coats) over and including priming coat with cement primer.	10.00	Sqm	93.70	<b>937.00</b>	INR Nine Hundred & Thirty Seven Only
199.1	Providing Distempering with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete as per manufacturer's specification.:Two or more coats on new work.	15.00	Sqm	53.15	<b>797.25</b>	INR Seven Hundred & Ninety Seven and Paise Twenty Five Only
200.1	Applying one coat of cement primer of approved brand and manufacture on wall surface:Cement primer	15.00	Sqm	36.95	<b>554.25</b>	INR Five Hundred & Fifty Four and Paise Twenty Five Only
201.1	Providing & Finishing walls with water proofing cement paint of required shade: New work (Two or more coats applied @ 3.84 kg/10 sqm).	15.00	Sqm	58.80	<b>882.00</b>	INR Eight Hundred & Eighty Two Only
202.1	Providing & Finishing walls with textured exterior paint of required shade: New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including base coat of water proofing cement paint applied @ 2.20kg/10 sqm.	15.00	Sqm	150.65	<b>2259.75</b>	INR Two Thousand Two Hundred & Fifty Nine and Paise Seventy Five Only
203.1	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm	15.00	Sqm	96.05	<b>1440.75</b>	INR One Thousand Four Hundred & Forty and Paise Seventy Five Only
204.1	Providing &Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10 sqm).	15.00	Sqm	96.80	<b>1452.00</b>	INR One Thousand Four Hundred & Fifty Two Only
205.1	Providing & Finishing walls with Deluxe Multi surface paint system for interiors andexteriors using Primer as per manufacturers specifications :Two or more coats applied @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm.	15.00	Sqm	98.95	<b>1484.25</b>	INR One Thousand Four Hundred & Eighty Four and Paise Twenty Five Only
206.1	Providing & Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/ 10 sqm of approved brand or manufacture.	10.00	Sqm	88.60	<b>886.00</b>	INR Eight Hundred & Eighty Six Only
207.1	Providing & Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture.	10.00	Sqm	84.75	<b>847.50</b>	INR Eight Hundred & Forty Seven and Paise Fifty Only

208.1	Providing & Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood).	10.00	Sqm	34.95	<b>349.50</b>	INR Three Hundred & Forty Nine and Paise Fifty Only
209.1	Providing & Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works.	10.00	Sqm	29.10	<b>291.00</b>	INR Two Hundred & Ninety One Only
210.1	Providing Painting with silicon & acrylic emulsion base water thinnable seater of approved brand and manufacture on wet or patchy portion of plastered surfaces.One coat.	10.00	Sqm	56.65	<b>566.50</b>	INR Five Hundred & Sixty Six and Paise Fifty Only
211.1	Providing Painting with silicon & acrylic emulsion base water thinnable seater of approved brand and manufacture on wet or patchy portion of plastered surfaces.Two coat.	10.00	Sqm	90.05	<b>900.50</b>	INR Nine Hundred and Paise Fifty Only
212.1	Providing & Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.On steel work.	10.00	Sqm	122.50	<b>1225.00</b>	INR One Thousand Two Hundred & Twenty Five Only
213.1	Providing & Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete work	10.00	Sqm	124.50	<b>1245.00</b>	INR One Thousand Two Hundred & Forty Five Only
214.1	Providing & Applying two coats of fire retardant paint unthinned on cleaned wood/ply surface @ 3.5 sqm per litre per coat including preparation of base surface as per recommendations of manufacturer to make the surface fire retardant.	10.00	Sqm	232.55	<b>2325.50</b>	INR Two Thousand Three Hundred & Twenty Five and Paise Fifty Only
215.1	Providing Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	10.00	Sqm	84.45	<b>844.50</b>	INR Eight Hundred & Forty Four and Paise Fifty Only
216.1	Providing & Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	10.00	Sqm	112.30	<b>1123.00</b>	INR One Thousand One Hundred & Twenty Three Only
217.1	Providing & Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	10.00	Sqm	65.20	<b>652.00</b>	INR Six Hundred & Fifty Two Only
218.1	Providing Floor painting with floor enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work.	10.00	Sqm	76.50	<b>765.00</b>	INR Seven Hundred & Sixty Five Only
219.1	Providing French spirit polishing: Two or more coats on new works including a coat of wood filler	10.00	Sqm	209.75	<b>2097.50</b>	INR Two Thousand & Ninety Seven and Paise Fifty Only
220.1	Providing Polishing on wood work with ready mixed wax polish of approved brand and manufacture:New work.	10.00	Sqm	92.70	<b>927.00</b>	INR Nine Hundred & Twenty Seven Only
221.1	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	10.00	Sqm	87.35	<b>873.50</b>	INR Eight Hundred & Seventy Three and Paise Fifty Only
222.1	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.	10.00	Sqm	71.00	<b>710.00</b>	INR Seven Hundred & Ten Only



223.1	6 mm plaster on cement concrete or reinforced cement concrete work with white cement based polymer modified self curing mortar of approved make as per the direction of Engineer-In-Charge.	10.00	Sqm	146.45	<b>1464.50</b>	INR One Thousand Four Hundred & Sixty Four and Paise Fifty Only
224.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead : With cement mortar 1:4 (1 cement : 4 fine sand).	10.00	Sqm	264.80	<b>2648.00</b>	INR Two Thousand Six Hundred & Forty Eight Only
225.1	Providing and fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground within 50 meters lead : Door chowkhats.	10.00	No.	852.70	<b>8527.00</b>	INR Eight Thousand Five Hundred & Twenty Seven Only
226.1	Providing and fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground within 50 meters lead : Window chowkhat.	10.00	No.	529.50	<b>5295.00</b>	INR Five Thousand Two Hundred & Ninety Five Only
227.1	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete to match existing surface i/c disposal of mulba / rubbish to the nearest municipal dumping ground. For door / window / clerestory window.	10.00	Sqm	546.25	<b>5462.50</b>	INR Five Thousand Four Hundred & Sixty Two and Paise Fifty Only
228.1	Renewing glass panes, with putty and nails wherever necessary: Float glass panes of thickness 4mm.	10.00	Sqm	637.90	<b>6379.00</b>	INR Six Thousand Three Hundred & Seventy Nine Only
229.1	Renewing glass panes, with putty and nails wherever necessary: Float glass panes of thickness 5.5mm.	10.00	Sqm	898.55	<b>8985.50</b>	INR Eight Thousand Nine Hundred & Eighty Five and Paise Fifty Only
230.1	Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4mm.	10.00	Sqm	852.60	<b>8526.00</b>	INR Eight Thousand Five Hundred & Twenty Six Only
231.1	Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 5.5mm.	10.00	Sqm	1113.25	<b>11132.50</b>	INR Eleven Thousand One Hundred & Thirty Two and Paise Fifty Only
232.1	Renewing glass panes and refixing existing wooden fillets: Float glass panes of thickness 4mm	10.00	Sqm	688.65	<b>6886.50</b>	INR Six Thousand Eight Hundred & Eighty Six and Paise Fifty Only
233.1	Renewing glass panes and refixing existing wooden fillets: Float glass panes of thickness 5.5mm.	10.00	Sqm	949.30	<b>9493.00</b>	INR Nine Thousand Four Hundred & Ninety Three Only
234.1	Providing and fixing new wooden fillets wherever necessary: 2nd class teak wood fillets.	10.00	M	38.65	<b>386.50</b>	INR Three Hundred & Eighty Six and Paise Fifty Only
235.1	Refixing old glass panes with putty and nails.	10.00	Sqm	330.75	<b>3307.50</b>	INR Three Thousand Three Hundred & Seven and Paise Fifty Only

236.1	Providing and fixing 25mm thick shutters for cup board etc. :Panelled or panelled & glazed shutters: Superior class teak wood including nickel plated bright finished M.S. piano hinges with necessary screws.	10.00	Sqm	3492.55	<b>34925.50</b>	INR Thirty Four Thousand Nine Hundred & Twenty Five and Paise Fifty Only
237.1	Providing and fixing M.S. round or square bars with M.S. flats at required spacing in wooden frames of windows and clerestory windows.	10.00	Kg	61.80	<b>618.00</b>	INR Six Hundred & Eighteen Only
238.1	Providing and fixing bright finished brass double acting spring hinges with necessary screws etc. complete:150mm.	10.00	Each	630.75	<b>6307.50</b>	INR Six Thousand Three Hundred & Seven and Paise Fifty Only
239.1	Providing and fixing bright finished brass double acting spring hinges with necessary screws etc. complete :125mm.	10.00	Each	528.55	<b>5285.50</b>	INR Five Thousand Two Hundred & Eighty Five and Paise Fifty Only
240.1	Providing and fixing bright finished brass double acting spring hinges with necessary screws etc. complete:100mm.	10.00	Each	477.45	<b>4774.50</b>	INR Four Thousand Seven Hundred & Seventy Four and Paise Fifty Only
241.1	Providing and fixing 150mm bright finished floor brass door stopper with rubber cushion, screws etc. to suit shutter thickness complete	10.00	Each	211.15	<b>2111.50</b>	INR Two Thousand One Hundred & Eleven and Paise Fifty Only
242.1	Providing and fixing finished brass hard drawn hooks and eyes : 300mm	10.00	Each	79.05	<b>790.50</b>	INR Seven Hundred & Ninety and Paise Fifty Only
243.1	Providing and fixing bright finished brass hard drawn hooks and eyes : 250 mm	10.00	Each	77.35	<b>773.50</b>	INR Seven Hundred & Seventy Three and Paise Fifty Only
244.1	Providing & Fixing finished brass hard drawn hooks and eyes :200mm.	10.00	Each	72.10	<b>721.00</b>	INR Seven Hundred & Twenty One Only
245.1	Providing & Fixing finished brass hard drawn hooks and eyes:150mm.	10.00	Each	55.85	<b>558.50</b>	INR Five Hundred & Fifty Eight and Paise Fifty Only
246.1	Providing & Fixing finished brass hard drawn hooks and eyes:100mm	10.00	Each	50.05	<b>500.50</b>	INR Five Hundred and Paise Fifty Only
247.1	Providing & Fixing bright finished brass helical door spring (superior quality).	10.00	Each	404.55	<b>4045.50</b>	INR Four Thousand & Forty Five and Paise Fifty Only
248.1	Providing & Fixing chromium plated brass butt hinges with necessary screws etc. complete.125x70x4mm (ordinary type).	10.00	Each	156.95	<b>1569.50</b>	INR One Thousand Five Hundred & Sixty Nine and Paise Fifty Only
249.1	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade:Old work (one or more coats).	10.00	Sqm	33.35	<b>333.50</b>	INR Three Hundred & Thirty Three and Paise Fifty Only
250.1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	10.00	Sqm	10.80	<b>108.00</b>	INR One Hundred & Eight Only
251.1	Providing & Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:Old work (one or more coats).	10.00	Sqm	43.60	<b>436.00</b>	INR Four Hundred & Thirty Six Only
252.1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade : One or more coats on old work.	10.00	Sqm	55.25	<b>552.50</b>	INR Five Hundred & Fifty Two and Paise Fifty Only
253.1	Providing & Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:One or more coats on old work.	10.00	Sqm	51.30	<b>513.00</b>	INR Five Hundred & Thirteen Only
254.1	Providing & Distemping with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete as per manufacturer's specification.One or more coats on old work.	10.00	Sqm	29.80	<b>298.00</b>	INR Two Hundred & Ninety Eight Only
255.1	Providing & Finishing walls with water proofing cement paint of required shade: Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of	10.00	Sqm	55.70	<b>557.00</b>	INR Five Hundred & Fifty Seven Only

	Priming coat.					
256.1	Providing & Finishing walls with textured exterior paint of required shade: Old work (Two or more coats on existing cement paint surface applied @ 3.28 ltr/10	10.00	Sqm	124.75	<b>1247.50</b>	INR One Thousand Two Hundred & Forty Seven and Paise Fifty Only
257.1	Providing & Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coats applied @ 1.67 ltr/10 sqm) on existing cement paint surface.	10.00	Sqm	68.95	<b>689.50</b>	INR Six Hundred & Eighty Nine and Paise Fifty Only
258.1	Providing & Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface.	10.00	Sqm	70.75	<b>707.50</b>	INR Seven Hundred & Seven and Paise Fifty Only
259.1	Providing & Fixing double scaffolding system (cup lock type) on the exterior side, upto seven story high made with 40mm dia. M.S. tube 1.5 m centre to centre horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. starcase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-Charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding. Note: This item to be used for maintenance work judiciously, necessary deduction for scaffolding in existing item to be done.	10.00	Sqm	160.15	<b>1601.50</b>	INR One Thousand Six Hundred & One and Paise Fifty Only
260.1	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in - charge. 1:3:6 or richer mix	10.00	Cum	997.05	<b>9970.50</b>	INR Nine Thousand Nine Hundred & Seventy and Paise Fifty Only
261.1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	10.00	Cum	1454.55	<b>14545.50</b>	INR Fourteen Thousand Five Hundred & Forty Five and Paise Fifty Only
262.1	Extra for cutting reinforcement bars manually / by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer - in -charge.	10.00	Sqm	500.80	<b>5008.00</b>	INR Five Thousand & Eight Only
263.1	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. In cement mortar.	10.00	Cum	842.75	<b>8427.50</b>	INR Eight Thousand Four Hundred & Twenty Seven and Paise Fifty Only
264.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: Of area 3 sq. metres and below.	10.00	No.	157.85	<b>1578.50</b>	INR One Thousand Five Hundred & Seventy Eight and Paise Fifty Only
265.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: Of area beyond 3 sq. metres.	10.00	No.	216.40	<b>2164.00</b>	INR Two Thousand One Hundred & Sixty Four Only
266.1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead: Of area 3 sq. metres and below.	10.00	No.	61.25	<b>612.50</b>	INR Six Hundred & Twelve and Paise Fifty Only
267.1	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	10.00	Sqm	109.35	<b>1093.50</b>	INR One Thousand & Ninety Three and Paise Fifty Only

268.1	Dismantling roofing including ridges, hips valleys and gutters etc., and stacking the material within 50 metres lead of:G.S. Sheet.	11.00	Sqm	70.10	<b>771.10</b>	INR Seven Hundred & Seventy One and Paise Ten Only
269.1	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead : 75 to 80mm dia pipe.	10.00	M	30.95	<b>309.50</b>	INR Three Hundred & Nine and Paise Fifty Only
270.1	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead : 100mm dia pipe.	10.00	M	31.95	<b>319.50</b>	INR Three Hundred & Nineteen and Paise Fifty Only
271.1	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually / by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-Charge:15mm to 40mm nominal bore.	10.00	M	63.65	<b>636.50</b>	INR Six Hundred & Thirty Six and Paise Fifty Only
272.1	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : Above 40 mm nominal bore	10.00	M	70.85	<b>708.50</b>	INR Seven Hundred & Eight and Paise Fifty Only
273.1	Taking out C.I. cover with frame from R.C.C. top slab of manholes of various sizes including demolishing of R.C.C. work manually / by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead as per direction of Engineer-in-Charge.	10.00	Each	290.55	<b>2905.50</b>	INR Two Thousand Nine Hundred & Five and Paise Fifty Only
274.1	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	10.00	Each	391.20	<b>3912.00</b>	INR Three Thousand Nine Hundred & Twelve Only
275.1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	10.00	Sqm	22.40	<b>224.00</b>	INR Two Hundred & Twenty Four Only
276.1	Dismantling aluminium / Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-Charge.	10.00	Sqm	24.30	<b>243.00</b>	INR Two Hundred & Forty Three Only
277.1	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead,for all leads including all lifts involved.	10.00	Cum	120.55	<b>1205.50</b>	INR One Thousand Two Hundred & Five and Paise Fifty Only
278.1	Painting road surface marking with adequate no. of coats to give uniform finish with ready mixed road marking paint conforming to IS : 164, on bituminous surface in white/yellow shade including cleaning the surface of all dirt, scales, oil, grease and foreign material etc.complete.New work (Two or more coats)	10.00	Sqm	133.10	<b>1331.00</b>	INR One Thousand Three Hundred & Thirty One Only
279.1	Providing and fixing White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests and 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device	10.00	Each	3494.20	<b>34942.00</b>	INR Thirty Four Thousand Nine Hundred & Forty Two Only

280.1	Providing & Fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked white solid plastic seat and lid.	10.00	Each	3418.70	<b>34187.00</b>	INR Thirty Four Thousand One Hundred & Eighty Seven Only
281.1	Providing & Fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid.	10.00	Each	4593.75	<b>45937.50</b>	INR Forty Five Thousand Nine Hundred & Thirty Seven and Paise Fifty Only
282.1	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mmsizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clampscomplete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern	10.00	Each	3494.15	<b>34941.50</b>	INR Thirty Four Thousand Nine Hundred & Forty One and Paise Fifty Only
283.1	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mmsizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clampscomplete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern	10.00	Each	7403.35	<b>74033.50</b>	INR Seventy Four Thousand &Thirty Three and Paise Fifty Only
284.1	Providing & Fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps,32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450mm with a pair of 15mm C. P. brass pillar taps.	10.00	Each	2298.55	<b>22985.50</b>	INR Twenty Two Thousand Nine Hundred & Eighty Five and Paise Fifty Only
285.1	Providing & Fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps,32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450mm with a pair of 15mm C. P. brass pillar taps.	10.00	Each	2020.60	<b>20206.00</b>	INR Twenty Thousand Two Hundred & Six Only
286.1	Providing & Fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps,32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 550x400mm with a pair of 15mm C.P. brass pillar taps.	10.00	Each	2095.30	<b>20953.00</b>	INR Twenty Thousand Nine Hundred & Fifty Three Only
287.1	Providing & Fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps,32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Flat back wash basin size 550x400mm with single 15mm C.P. brass pillar tap.	10.00	Each	1817.35	<b>18173.50</b>	INR Eighteen Thousand One Hundred & Seventy Three and Paise Fifty Only

288.1	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:- (a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	10.00	Each	2984.20	<b>29842.00</b>	INR Twenty Nine Thousand Eight Hundred & Forty Two Only
289.1	Providing & Fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	10.00	Each	975.25	<b>9752.50</b>	INR Nine Thousand Seven Hundred & Fifty Two and Paise Fifty Only
290.1	Providing & Fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required:Kitchen sink with drain board :510x1040mm bowl depth 250mm.	6.50	Each	4120.80	<b>26785.20</b>	INR Twenty Six Thousand Seven Hundred & Eighty Five and Paise Twenty Only
291.1	Providing & Fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required:Kitchen sink with drain board :510x1040mm bowl depth 225mm.	6.50	Each	3830.40	<b>24897.60</b>	INR Twenty Four Thousand Eight Hundred & Ninety Seven and Paise Sixty Only
292.1	Providing & Fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required:Kitchen sink with drain board :510x1040mm bowl depth 200mm.	6.50	Each	3772.35	<b>24520.28</b>	INR Twenty Four Thousand Five Hundred & Twenty and Paise Twenty Eight Only
293.1	Providing & Fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required:Kitchen sink without drain board :610x510mm bowl depth 200mm.	6.50	Each	2476.60	<b>16097.90</b>	INR Sixteen Thousand & Ninety Seven and Paise Ninety Only
294.1	Providing & Fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required:Kitchen sink without drain board :610x460mm bowl depth 200mm.	6.50	Each	2186.25	<b>14210.63</b>	INR Fourteen Thousand Two Hundred & Ten and Paise Sixty Three Only
295.1	Providing and fixing white vitreous china water closet squatting pan (Indian type): Long pattern W.C. pan of size 580 mm	6.50	Each	1073.30	<b>6976.45</b>	INR Six Thousand Nine Hundred & Seventy Six and Paise Forty Five Only
296.1	Providing and fixing white vitreous china water closet squatting pan (Indian type): Orissa pattern W.C. pan of size 580x440 mm	6.50	Each	1456.60	<b>9467.90</b>	INR Nine Thousand Four Hundred & Sixty Seven and Paise Ninety Only
297.1	Providing extra for using coloured W.C. pan instead of white W.C. pan Orissa pattern W.C. pan 580x440mm.	6.50	Each	232.30	<b>1509.95</b>	INR One Thousand Five Hundred & Nine and Paise Ninety Five Only
298.1	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.	6.50	Each	1363.65	<b>8863.73</b>	INR Eight Thousand Eight Hundred & Sixty Three and Paise Seventy Three Only
299.1	Providing Extra for using coloured pedestal type WC pan (European type) with low level cistern of same colour instead of white vitreous china WC pan and cistern.	6.50	Each	638.85	<b>4152.53</b>	INR Four Thousand One Hundred & Fifty Two and Paise Fifty Three Only
300.1	Providing & Fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet:250x130x30mm.	6.50	Each	166.30	<b>1080.95</b>	INR One Thousand & Eighty and Paise Ninety Five Only

301.1	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete: 10 litre capacity - White	6.50	Each	831.50	<b>5404.75</b>	INR Five Thousand Four Hundred & Four and Paise Seventy Five Only
302.1	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete: 10 litre capacity - coloured	6.50	Each	765.45	<b>4975.43</b>	INR Four Thousand Nine Hundred & Seventy Five and Paise Forty Three Only
303.1	Providing and fixing controlled flush, low level cistern made of vitreous china with all fittings complete: 10 litre (full flush) capacity-white	6.50	Each	1452.90	<b>9443.85</b>	INR Nine Thousand Four Hundred & Forty Three and Paise Eighty Five Only
304.1	Providing and fixing controlled flush, low level cistern made of vitreous china with all fittings complete: 10 litre (full flush) capacity-coloured	6.50	Each	1917.50	<b>12463.75</b>	INR Twelve Thousand Four Hundred & Sixty Three and Paise Seventy Five Only
305.1	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete : White solid plastic seat with lid	6.50	Each	410.20	<b>2666.30</b>	INR Two Thousand Six Hundred & Sixty Six and Paise Thirty Only
306.1	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete : Coloured (other than black & white) solid plastic seat with lid	6.50	Each	497.30	<b>3232.45</b>	INR Three Thousand Two Hundred & Thirty Two and Paise Forty Five Only
307.1	Providing & Fixing white vitreous china wash basin including making all connections but excluding the cost of fittings: Flat back wash basin of size 630x450mm.	6.50	Each	969.30	<b>6300.45</b>	INR Six Thousand Three Hundred and Paise Forty Five Only
308.1	Providing & Fixing white vitreous china wash basin including making all connections but excluding the cost of fittings: Flat back wash basin of size 550x400mm.	6.50	Each	766.05	<b>4979.33</b>	INR Four Thousand Nine Hundred & Seventy Nine and Paise Thirty Three Only
309.1	Providing & Fixing P.V.C. waste pipe for sink or wash basin including PVC. waste fittings complete. Flexible pipe: 40mm dia.	6.50	Each	75.60	<b>491.40</b>	INR Four Hundred & Ninety One and Paise Forty Only
310.1	Providing & Fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6mm thick hard board backing:Rectangular shape 1500x450mm.	6.50	Each	1323.10	<b>8600.15</b>	INR Eight Thousand Six Hundred and Paise Fifteen Only
311.1	Providing & Fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc., complete.	6.50	Each	573.30	<b>3726.45</b>	INR Three Thousand Seven Hundred & Twenty Six and Paise Forty Five Only
312.1	Providing & Fixing toilet paper holder: C.P. brass.	6.50	Each	385.35	<b>2504.78</b>	INR Two Thousand Five Hundred & Four and Paise Seventy Eight Only
313.1	Providing & Fixing soil, waste and vent pipes: 100mm dia.Centrifugally cast (spun) iron socketed pipe as per IS: 3989.	6.50	M	921.65	<b>5990.73</b>	INR Five Thousand Nine Hundred & Ninety and Paise Seventy Three Only
314.1	Providing & Fixing soil, waste and vent pipes: Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905	10.00	M	925.55	<b>9255.50</b>	INR Nine Thousand Two Hundred & Fifty Five and Paise Fifty Only
315.1	Providing & Fixing soil, waste and vent pipes: 75mm diameter:Centrifugally cast (spun) iron socketed pipe as per IS: 3989.	6.50	M	794.55	<b>5164.58</b>	INR Five Thousand One Hundred & Sixty Four and Paise Fifty Eight Only
316.1	Providing & Fixing soil, waste and vent pipes: 75mm diameter: Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905	10.00	M	759.80	<b>7598.00</b>	INR Seven Thousand Five Hundred & Ninety Eight Only

317.1	Providing & Fixing M.S. holder-bat clamps of approved design to Sand Cast Iron / Cast Iron (spun) pipe embedded in and including cement concrete blocks 10x10x10cm 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. :For 75mm dia. Pipe.	6.50	Each	165.05	<b>1072.83</b>	INR One Thousand & Seventy Two and Paise Eighty Three Only
318.1	Providing & Fixing bend of required degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete 100mm: Sand cast iron S&S as per IS - 1729.	6.50	Each	340.75	<b>2214.88</b>	INR Two Thousand Two Hundred & Fourteen and Paise Eighty Eight Only
319.1	Providing & Cutting chases in brick masonry walls for following diameter sand cast iron / centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 12.5mm nominal size) including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) :100mm dia.	6.50	M	355.70	<b>2312.05</b>	INR Two Thousand Three Hundred & Twelve and Paise Five Only
320.1	Providing & Cutting chases in brick masonry walls for following diameter sand cast iron / centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 12.5mm nominal size) including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) :75mm dia.	6.50	M	254.65	<b>1655.23</b>	INR One Thousand Six Hundred & Fifty Five and Paise Twenty Three Only
321.1	Providing & Cutting chases in brick masonry walls for following diameter sand cast iron / centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 12.5mm nominal size) including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) :50mm dia.	6.50	M	163.30	<b>1061.45</b>	INR One Thousand & Sixty One and Paise Forty Five Only
322.1	Painting sand cast iron/ centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for new work : 100 mm diameter pipe	10.00	M	40.65	<b>406.50</b>	INR Four Hundred & Six and Paise Fifty Only
323.1	Painting sand cast iron/ centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for new work : 75 mm diameter pipe	10.00	M	31.00	<b>310.00</b>	INR Three Hundred & Ten Only
324.1	Repainting sand cast iron/ centrifugally cast iron (spun) iron, soil, waste, vent pipes and fittings with one coat of synthetic enamel paint of any colour such as chocolate, grey or buff etc : 100 mm diameter pipe	10.00	M	20.20	<b>202.00</b>	INR Two Hundred & Two Only
325.1	Repainting sand cast iron/ centrifugally cast iron (spun) iron, soil, waste, vent pipes and fittings with one coat of synthetic enamel paint of any colour such as chocolate, grey or buff etc : 75 mm diameter pipe	10.00	M	15.10	<b>151.00</b>	INR One Hundred & Fifty One Only



326.1	Providing & Fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat lid with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fittings and brackets, 40mm flush bend 20mm over flow pipe with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.	6.50	Each	6290.85	<b>40890.53</b>	INR Forty Thousand Eight Hundred & Ninety and Paise Fifty Three Only
327.1	Providing & Fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 31mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 260gms.	6.50	Each	293.95	<b>1910.68</b>	INR One Thousand Nine Hundred & Ten and Paise Sixty Eight Only
328.1	Providing & Fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	6.50	Each	137.85	<b>896.03</b>	INR Eight Hundred & Ninety Six and Paise Three Only
329.1	Providing & Fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	6.50	Each	422.70	<b>2747.55</b>	INR Two Thousand Seven Hundred & Forty Seven and Paise Fifty Five Only
330.1	Providing & Fixing PTMT shelf 440mm long, 124mm width and 36mm height of approved quality and colour, weighing not less than 300 gms.	6.50	Each	470.35	<b>3057.28</b>	INR Three Thousand & Fifty Seven and Paise Twenty Eight Only
331.1	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing& fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/6 litre (adjustable to 4 litre/8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	6.50	Each	9685.70	<b>62957.05</b>	INR Sixty Two Thousand Nine Hundred & Fifty Seven and Paise Five Only
332.1	Providing & fixing white vitreous china water less urinal of size 600 x330 x 315 mm having antibacterial /germs free ceramic surface, fixed with cartridge having debris catcher and hygiene seal.	6.50	Each	15040.75	<b>97764.88</b>	INR Ninety Seven Thousand Seven Hundred & Sixty Four and Paise Eighty Eight Only
333.1	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water ( 250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	6.50	Each	5162.20	<b>33554.30</b>	INR Thirty Three Thousand Five Hundred & Fifty Four and Paise Thirty Only
334.1	Providing & Fixing Chlorinated 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 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge.:15mm nominal outer dia. pipes.	6.50	M	142.95	<b>929.18</b>	INR Nine Hundred & Twenty Nine and Paise Eighteen Only

335.1	Providing & Fixing Chlorinated 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 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge.:20mm nominal outer dia. pipes.	6.50	M	179.95	<b>1169.68</b>	INR One Thousand One Hundred & Sixty Nine and Paise Sixty Eight Only
336.1	Providing & Fixing Chlorinated 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 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge.:25mm nominal outer dia. pipes.	6.50	M	216.20	<b>1405.30</b>	INR One Thousand Four Hundred & Five and Paise Thirty Only
337.1	Providing & Fixing Chlorinated 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 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge.:32mm nominal outer dia. pipes.	6.50	M	289.05	<b>1878.83</b>	INR One Thousand Eight Hundred & Seventy Eight and Paise Eighty Three Only
338.1	Providing & Fixing Chlorinated 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 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge.:40mm nominal outer dia. pipes.	6.50	M	385.50	<b>2505.75</b>	INR Two Thousand Five Hundred & Five and Paise Seventy Five Only
339.1	Providing & Fixing Chlorinated 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 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge.:50mm nominal outer dia. pipes.	6.50	M	548.55	<b>3565.58</b>	INR Three Thousand Five Hundred & Sixty Five and Paise Fifty Eight Only
340.1	Providing & Fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge.:15mm nominal outer dia. pipes.	6.50	M	246.20	<b>1600.30</b>	INR One Thousand Six Hundred and Paise Thirty Only
341.1	Providing & Fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge.:20mm nominal outer dia. pipes.	6.50	m	284.85	<b>1851.53</b>	INR One Thousand Eight Hundred & Fifty One and Paise Fifty Three Only

342.1	Providing & Fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge.:25mm nominal outer dia. pipes.	6.50	M	333.60	<b>2168.40</b>	INR Two Thousand One Hundred & Sixty Eight and Paise Forty Only
343.1	Providing & Fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge.:32mm nominal outer dia. pipes.	6.50	M	412.90	<b>2683.85</b>	INR Two Thousand Six Hundred & Eighty Three and Paise Eighty Five Only
344.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. : Internal work – Exposed on wall. 15 mm dia. nominal bore	6.50	M	186.40	<b>1211.60</b>	INR One Thousand Two Hundred & Eleven and Paise Sixty Only
345.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. : Internal work – Exposed on wall. 20 mm dia. nominal bore	7.50	M	224.15	<b>1681.13</b>	INR One Thousand Six Hundred & Eighty One and Paise Thirteen Only
346.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. : Internal work – Exposed on wall. 25 mm dia. nominal bore	7.50	M	247.85	<b>1858.88</b>	INR One Thousand Eight Hundred & Fifty Eight and Paise Eighty Eight Only
347.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. : Internal work – Exposed on wall. 32 mm dia. nominal bore	7.50	M	308.35	<b>2312.63</b>	INR Two Thousand Three Hundred & Twelve and Paise Sixty Three Only
348.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. : Internal work – Exposed on wall. 40 mm dia. nominal bore	7.50	M	394.15	<b>2956.13</b>	INR Two Thousand Nine Hundred & Fifty Six and Paise Thirteen Only
349.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. : Internal work – Exposed on wall. 50 mm dia. nominal bore	7.50	M	472.40	<b>3543.00</b>	INR Three Thousand Five Hundred & Forty Three Only
350.1	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps i/c making good the walls etc. concealed pipe including painting with anticorrosive bitumastic paint, cutting chases and making good the wall 15 mm dia nominal bore	7.50	M	285.70	<b>2142.75</b>	INR Two Thousand One Hundred & Forty Two and Paise Seventy Five Only
351.1	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps i/c making good the walls etc. concealed pipe including painting with anticorrosive bitumastic paint, cutting chases and making good the wall 20 mm dia nominal bore	7.50	M	316.20	<b>2371.50</b>	INR Two Thousand Three Hundred & Seventy One and Paise Fifty Only
352.1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 15 mm dia. nominal bore	7.50	M	160.20	<b>1201.50</b>	INR One Thousand Two Hundred & One and Paise Fifty Only
353.1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 20 mm dia. nominal bore	7.50	M	186.30	<b>1397.25</b>	INR One Thousand Three Hundred & Ninety Seven and Paise Twenty Five Only

354.1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 25 mm dia. nominal bore	7.50	M	205.85	<b>1543.88</b>	INR One Thousand Five Hundred & Forty Three and Paise Eighty Eight Only
355.1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 32 mm dia. nominal bore	7.50	M	247.40	<b>1855.50</b>	INR One Thousand Eight Hundred & Fifty Five and Paise Fifty Only
356.1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 40 mm dia. nominal bore	7.50	M	301.35	<b>2260.13</b>	INR Two Thousand Two Hundred & Sixty and Paise Thirteen Only
357.1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 50 mm dia. nominal bore	7.50	M	342.70	<b>2570.25</b>	INR Two Thousand Five Hundred & Seventy and Paise Twenty Five Only
358.1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 65 mm dia. nominal bore	7.50	M	451.70	<b>3387.75</b>	INR Three Thousand Three Hundred & Eighty Seven and Paise Seventy Five Only
359.1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 80 mm dia. nominal bore	7.50	M	576.30	<b>4322.25</b>	INR Four Thousand Three Hundred & Twenty Two and Paise Twenty Five Only
360.1	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 25 to 40 mm nominal bore	7.50	Each	394.15	<b>2956.13</b>	INR Two Thousand Nine Hundred & Fifty Six and Paise Thirteen Only
361.1	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 50 to 80 mm nominal bore	7.50	Each	771.20	<b>5784.00</b>	INR Five Thousand Seven Hundred & Eighty Four Only
362.1	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	10.00	Each	260.10	<b>2601.00</b>	INR Two Thousand Six Hundred & One Only
363.1	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore	10.00	Each	280.40	<b>2804.00</b>	INR Two Thousand Eight Hundred & Four Only
364.1	Providing and fixing brass stop cock of approved quality : 15 mm nominal bore	10.00	Each	260.10	<b>2601.00</b>	INR Two Thousand Six Hundred & One Only
365.1	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore	10.00	Each	280.40	<b>2804.00</b>	INR Two Thousand Eight Hundred & Four Only
366.1	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 15 mm nominal bore	2.50	Each	287.25	<b>718.13</b>	INR Seven Hundred & Eighteen and Paise Thirteen Only
367.1	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	2.50	Each	327.05	<b>817.63</b>	INR Eight Hundred & Seventeen and Paise Sixty Three Only
368.1	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 25 mm nominal bore	2.50	Each	331.95	<b>829.88</b>	INR Eight Hundred & Twenty Nine and Paise Eighty Eight Only
369.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 25mm nominal bore Horizontal	2.50	Each	410.45	<b>1026.13</b>	INR One Thousand & Twenty Six and Paise Thirteen Only
370.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 25mm nominal bore Vertical	2.50	Each	433.70	<b>1084.25</b>	INR One Thousand & Eighty Four and Paise Twenty Five Only
371.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 32mm nominal bore Horizontal	2.50	Each	552.45	<b>1381.13</b>	INR One Thousand Three Hundred & Eighty One and Paise Thirteen Only
372.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 32mm nominal bore Vertical	2.50	Each	610.55	<b>1526.38</b>	INR One Thousand Five Hundred & Twenty Six and Paise Thirty Eight Only
373.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 40mm nominal bore Horizontal.	2.50	Each	682.85	<b>1707.13</b>	INR One Thousand Seven Hundred & Seven and Paise Thirteen Only

374.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 40mm nominal bore Vertical.	2.50	Each	845.45	<b>2113.63</b>	INR Two Thousand One Hundred & Thirteen and Paise Sixty Three Only
375.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 50mm nominal bore Horizontal .	2.50	Each	987.70	<b>2469.25</b>	INR Two Thousand Four Hundred & Sixty Nine and Paise Twenty Five Only
376.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 50mm nominal bore Vertical.	2.50	Each	1080.60	<b>2701.50</b>	INR Two Thousand Seven Hundred & One and Paise Fifty Only
377.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 65mm nominal bore Horizontal.	2.50	Each	1768.50	<b>4421.25</b>	INR Four Thousand Four Hundred & Twenty One and Paise Twenty Five Only
378.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) : 65mm nominal bore Vertical.	2.50	Each	1780.15	<b>4450.38</b>	INR Four Thousand Four Hundred & Fifty and Paise Thirty Eight Only
379.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) :80mm nominal bore Horizontal.	2.50	Each	2503.10	<b>6257.75</b>	INR Six Thousand Two Hundred & Fifty Seven and Paise Seventy Five Only
380.1	Providing & Fixing gun metal non-return valve of approved quality (screwed end) :80mm nominal bore Vertical	2.50	Each	2944.50	<b>7361.25</b>	INR Seven Thousand Three Hundred & Sixty One and Paise Twenty Five Only
381.1	Providing & Fixing uplasticised PVC connection pipe with brass unions: 45cm length 15mm nominal bore.	2.50	Each	67.80	<b>169.50</b>	INR One Hundred & Sixty Nine and Paise Fifty Only
382.1	Providing & Fixing C.P. brass shower rose with 15 or 20mm inlet:100mm diameter.	2.50	Each	71.65	<b>179.13</b>	INR One Hundred & Seventy Nine and Paise Thirteen Only
383.1	Providing & Fixing C.P. brass shower rose with 15 or 20mm inlet:150mm diameter.	2.50	Each	85.90	<b>214.75</b>	INR Two Hundred & Fourteen and Paise Seventy Five Only
384.1	Constructing masonry chamber 90x90x100cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160mm bottom diameter and 180mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size ) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size ) and inside plastering with cement mortar 1: 3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design :With F.P.S. bricks.	0.50	Each	11842.75	<b>5921.38</b>	INR Five Thousand Nine Hundred & Twenty One and Paise Thirty Eight Only
385.1	Providing & Fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 15mm nominal bore.	1.00	Each	147.75	<b>147.75</b>	INR One Hundred & Forty Seven and Paise Seventy Five Only
386.1	Providing & Fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 20mm nominal bore.	1.00	Each	170.95	<b>170.95</b>	INR One Hundred & Seventy and Paise Ninety Five Only
387.1	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 25 mm nominal bore	1.00	Each	205.80	<b>205.80</b>	INR Two Hundred & Five and Paise Eighty Only
388.1	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 32 mm nominal bore	1.00	Each	240.65	<b>240.65</b>	INR Two Hundred & Forty and Paise Sixty Five Only
389.1	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 40 mm nominal bore	1.00	Each	298.75	<b>298.75</b>	INR Two Hundred & Ninety Eight and Paise Seventy Five Only

390.1	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 50mm nominal bore	1.00	Each	384.90	<b>384.90</b>	INR Three Hundred & Eighty Four and Paise Ninety Only
391.1	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 65mm nominal bore	1.00	Each	617.20	<b>617.20</b>	INR Six Hundred & Seventeen and Paise Twenty Only
392.1	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 80 mm nominal bore	1.00	Each	698.50	<b>698.50</b>	INR Six Hundred & Ninety Eight and Paise Fifty Only
393.1	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 15 mm nominal bore.	5.00	Each	366.20	<b>1831.00</b>	INR One Thousand Eight Hundred & Thirty One Only
394.1	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 20 mm nominal bore.	5.00	Each	389.45	<b>1947.25</b>	INR One Thousand Nine Hundred & Forty Seven and Paise Twenty Five Only
395.1	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 25 mm nominal bore.	5.00	Each	424.30	<b>2121.50</b>	INR Two Thousand One Hundred & Twenty One and Paise Fifty Only
396.1	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 32 mm nominal bore.	5.00	Each	459.15	<b>2295.75</b>	INR Two Thousand Two Hundred & Ninety Five and Paise Seventy Five Only
397.1	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 40 mm nominal bore.	5.00	Each	517.20	<b>2586.00</b>	INR Two Thousand Five Hundred & Eighty Six Only
398.1	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 50 mm nominal bore.	5.00	Each	682.85	<b>3414.25</b>	INR Three Thousand Four Hundred & Fourteen and Paise Twenty Five Only
399.1	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 65 mm nominal bore.	5.00	Each	915.15	<b>4575.75</b>	INR Four Thousand Five Hundred & Seventy Five and Paise Seventy Five Only
400.1	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 80 mm nominal bore.	5.00	Each	996.45	<b>4982.25</b>	INR Four Thousand Nine Hundred & Eighty Two and Paise Twenty Five Only
401.1	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	5.00	Ltr	7.25	<b>36.25</b>	INR Thirty Six and Paise Twenty Five Only
402.1	Providing & Fixing C.P. brass bib cock of approved quality conforming to IS:8931 15mm nominal bore.	5.00	Each	371.70	<b>1858.50</b>	INR One Thousand Eight Hundred & Fifty Eight and Paise Fifty Only
403.1	Providing & Fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15mm nominal bore.	5.00	Each	555.30	<b>2776.50</b>	INR Two Thousand Seven Hundred & Seventy Six and Paise Fifty Only
404.1	Providing & Fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15mm nominal bore.	5.00	Each	492.55	<b>2462.75</b>	INR Two Thousand Four Hundred & Sixty Two and Paise Seventy Five Only

405.1	Providing & Fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15mm nominal bore.	5.00	Each	545.95	<b>2729.75</b>	INR Two Thousand Seven Hundred & Twenty Nine and Paise Seventy Five Only
406.1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore.	4.50	Each	475.70	<b>2140.65</b>	INR Two Thousand One Hundred & Forty and Paise Sixty Five Only
407.1	Providing & Fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions etc. complete (The tail pieces, tapers etc. if required will be paid separately): 50mm dia.	5.00	Each	4662.45	<b>23312.25</b>	INR Twenty Three Thousand Three Hundred & Twelve and Paise Twenty Five Only
408.1	Providing and fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions etc. complete (The tail pieces, tapers etc if required will be paid separately) : 80 mm dia	5.00	Each	5649.75	<b>28248.75</b>	INR Twenty Eight Thousand Two Hundred & Forty Eight and Paise Seventy Five Only
409.1	Providing and fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions etc. complete (The tail pieces, tapers etc if required will be paid separately) : 100 mm dia	5.00	Each	7410.80	<b>37054.00</b>	INR Thirty Seven Thousand & Fifty Four Only
410.1	Providing & Fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P. / H.P.H.D. plastic ball. 15mm nominal bore, 105mm long, weighing not less than 138 gms.	5.00	Each	165.30	<b>826.50</b>	INR Eight Hundred & Twenty Six and Paise Fifty Only
411.1	Providing & Fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P. / H.P.H.D. plastic ball. 20mm nominal bore, 120mm long, weighing not less than 198 gms.	5.00	Each	216.70	<b>1083.50</b>	INR One Thousand & Eighty Three and Paise Fifty Only
412.1	Providing & Fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P. / H.P.H.D. plastic ball. 25mm nominal bore, 152mm long, weighing not less than 440 gms.	5.00	Each	413.25	<b>2066.25</b>	INR Two Thousand & Sixty Six and Paise Twenty Five Only
413.1	Providing & Fixing PTMT Soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	5.00	Each	112.30	<b>561.50</b>	INR Five Hundred & Sixty One and Paise Fifty Only
414.1	Cutting holes up to 30x30cm in walls including making good the same: With F.P.S. bricks.	5.00	Each	219.20	<b>1096.00</b>	INR One Thousand & Ninety Six Only
415.1	Providing & Cutting holes up to 15x15cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including finishing complete so as to make it leak proof.	5.00	Each	209.25	<b>1046.25</b>	INR One Thousand & Forty Six and Paise Twenty Five Only
416.1	Providing & Making chases up to 7.5x7.5cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.	5.00	M	93.85	<b>469.25</b>	INR Four Hundred & Sixty Nine and Paise Twenty Five Only
417.1	Providing & Making hole up to 20x20cm and embedding pipes up to 150mm diameter in masonry and filling with cement concrete 1:3:6 (1 cement : 3 coarse sand 6 graded stone aggregate 20mm nominal size) including disposal of malba.	5.00	M	134.55	<b>672.75</b>	INR Six Hundred & Seventy Two and Paise Seventy Five Only
418.1	Dismantling old C.I. pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes at site lead up to 50 metre: 80mm diameter C.I. pipes.	5.00	M	175.85	<b>879.25</b>	INR Eight Hundred & Seventy Nine and Paise Twenty Five Only
419.1	Dismantling old C.I. pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes at site lead upto 50 metre: 100 mm diameter C.I. pipe	5.00	M	183.15	<b>915.75</b>	INR Nine Hundred & Fifteen and Paise Seventy Five Only

420.1	Providing & fixing chrome plated brass battery based infrared sensor operated pillar cock, having foam flow technology: 15 mm nominal bore.	5.00	Each	6752.90	<b>33764.50</b>	INR Thirty Three Thousand Seven Hundred & Sixty Four and Paise Fifty Only
421.1	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design:Inside size 90x80cm and 45cm deep including C.I. cover with frame (light duty) 455x610mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg):With F.P.S. bricks with class designation 75.	5.00	Each	8634.10	<b>43170.50</b>	INR Forty Three Thousand One Hundred & Seventy and Paise Fifty Only
422.1	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design:Inside size 120x90cm and 90cm deep including C.I. cover with frame (medium duty) 500mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) :With F.P.S. bricks class designation 75.	5.00	No.	18422.40	<b>92112.00</b>	INR Ninety Two Thousand One Hundred & Twelve Only
423.1	Extra for depth for manholes :Size 90x80cm:With F.P.S. bricks class designation 75.	5.00	M	5718.60	<b>28593.00</b>	INR Twenty Eight Thousand Five Hundred & Ninety Three Only
424.1	Extra for depth for manholes :Size 120x90cm:With F.P.S. bricks class designation 75.	5.00	M	6850.70	<b>34253.50</b>	INR Thirty Four Thousand Two Hundred & Fifty Three and Paise Fifty Only
425.1	Fixing C.I. cover without frame for manholes: 455x610mm rectangular C.I. cover (light duty) the weight of the cover to be not less than 23 kg.	5.00	Each	1227.15	<b>6135.75</b>	INR Six Thousand One Hundred & Thirty Five and Paise Seventy Five Only
426.1	Fixing C.I. cover without frame for manholes: 500mm diameter C.I. cover (medium duty) the weight of the cover to be not less than 58 kg.	5.00	Each	2749.80	<b>13749.00</b>	INR Thirteen Thousand Seven Hundred & Forty Nine Only
427.1	Fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality L D - 2.5 :Rectangular shape 600x450mm internal dimensions.	5.00	Each	1073.05	<b>5365.25</b>	INR Five Thousand Three Hundred & Sixty Five and Paise Twenty Five Only
428.1	Fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality L D - 2.5 :Square shape 450mm internal dimensions.	5.00	Each	902.10	<b>4510.50</b>	INR Four Thousand Five Hundred & Ten and Paise Fifty Only



429.1	Fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality L D - 2.5 :Circular shape 450mm internal diameter.	5.00	Each	902.10	<b>4510.50</b>	INR Four Thousand Five Hundred & Ten and Paise Fifty Only
430.1	Fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality M D -10 :Square shape 450mm internal dimension.	5.00	Each	1079.35	<b>5396.75</b>	INR Five Thousand Three Hundred & Ninety Six and Paise Seventy Five Only
431.1	Fixing C.I. cover 300x300mm without frame for gully trap (standard pattern) the weight of cover to be not less than 4.5kg.	5.00	Each	279.60	<b>1398.00</b>	INR One Thousand Three Hundred & Ninety Eight Only
432.1	Raising manhole cover and frame slab to required level including dismantling existing slab and making good the damage as required (Raising depth of manhole to be paid separately) : Rectangular manhole 90x80cm with rectangular cover 600x450mm of grade LD - 2.5.	5.00	Each	1735.30	<b>8676.50</b>	INR Eight Thousand Six Hundred & Seventy Six and Paise Fifty Only
433.1	Constructing brick masonry road gully chamber 50x45x60cm with bricks of class designation 75 in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450mm pre-cast R.C.C. horizontal grating with frame complete as per standard design :With F.P.S. bricks.	5.00	Each	4043.10	<b>20215.50</b>	INR Twenty Thousand Two Hundred & Fifteen and Paise Fifty Only
434.1	Providing and fixing Fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-Charge. (Glazing and panelling to be paid for separately): For fixed portion. Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	5.00	Kg	355.20	<b>1776.00</b>	INR One Thousand Seven Hundred & Seventy Six Only
435.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-Charge. (Glazing and panelling to be paid for separately): For fixed portion Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron).	5.00	Kg	391.80	<b>1959.00</b>	INR One Thousand Nine Hundred & Fifty Nine Only
436.1	For shutters of doors, windows & ventilators including fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (Fittings shall be paid for separately).Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron).	5.00	Kg	452.40	<b>2262.00</b>	INR Two Thousand Two Hundred & Sixty Two Only

437.1	Fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-Charge.Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.	5.00	Sqm	826.35	<b>4131.75</b>	INR Four Thousand One Hundred & Thirty One and Paise Seventy Five Only
438.1	Fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-Charge.Pre-laminated particle board with decorative lamination on both sides.	5.00	Sqm	866.60	<b>4333.00</b>	INR Four Thousand Three Hundred & Thirty Three Only
439.1	Fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-Charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 4.0mm thickness.	5.00	Sqm	741.50	<b>3707.50</b>	INR Three Thousand Seven Hundred & Seven and Paise Fifty Only
440.1	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-Charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5.50mm thickness.	5.00	Sqm	1003.95	<b>5019.75</b>	INR Five Thousand & Nineteen and Paise Seventy Five Only
441.1	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-Charge.With stainless steel cover plate.	5.00	Each	2054.40	<b>10272.00</b>	INR Ten Thousand Two Hundred & Seventy Two Only
442.1	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-Charge.With brass cover plate.	5.00	Each	2228.60	<b>11143.00</b>	INR Eleven Thousand One Hundred & Forty Three Only
443.1	Providing and fixing powder coated aluminium work (minimum thickness of powder coating 50 micron) consisting of tee / angle sections, of approved make conforming to IS : 733 in frames of false ceiling including aluminium angle cleats with necessary C.P. brass / stainless steel sunk screws, aluminium perimeter angles fixed to wall with rawl plugs @ 450mm centre to centre and fixing the frame work to G.I. level adjusting hangers 6mm dia. with necessary cadmium plated machine screws all complete as per approved architectural drawings and direction of the Engineer-in-Charge (level adjusting hangers, ceiling cleats and expansion hold fasteners to be paid for separately).	5.00	Kg	478.85	<b>2394.25</b>	INR Two Thousand Three Hundred & Ninety Four and Paise Twenty Five Only
444.1	Filling the gap in between aluminium frame & adjacent RCC / Brick / Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-Charge complete.Upto 5mm depth and 5mm width.	5.00	M	62.45	<b>312.25</b>	INR Three Hundred & Twelve and Paise Twenty Five Only

445.1	Fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-Charge complete.205 X 19mm.	5.00	No.	211.60	<b>1058.00</b>	INR One Thousand & Fifty Eight Only
446.1	Fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-Charge complete.255 X 19mm.	6.50	No.	269.65	<b>1752.73</b>	INR One Thousand Seven Hundred & Fifty Two and Paise Seventy Three Only
447.1	Fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-Charge complete.355 X 19mm.	6.50	No.	237.15	<b>1541.48</b>	INR One Thousand Five Hundred & Forty One and Paise Forty Eight Only
448.1	Fixing aluminium tubular handle bar 32mm outer dia, 3.0mm thick & 2100mm long with SS screws etc .complete as per direction of Engineer-in-Charge.Polyester powder coated minimum thickness 50 micron aluminium tubular handle bar.	6.50	No.	520.70	<b>3384.55</b>	INR Three Thousand Three Hundred & Eighty Four and Paise Fifty Five Only
449.1	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	6.50	No.	359.00	<b>2333.50</b>	INR Two Thousand Three Hundred & Thirty Three and Paise Fifty Only
450.1	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. Polyester powder coated minimum thickness 50 micron aluminium.	6.50	Each	54.35	<b>353.28</b>	INR Three Hundred & Fifty Three and Paise Twenty Eight Only
451.1	Providing and fixing aluminium round shape handle of outer dia 100mm with SS screws etc. complete as per direction of Engineer-in-Charge. Polyester powder coated minimum thickness 50 micron aluminium.	6.50	Each	74.10	<b>481.65</b>	INR Four Hundred & Eighty One and Paise Sixty Five Only
452.1	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	6.50	Kg	408.85	<b>2657.53</b>	INR Two Thousand Six Hundred & Fifty Seven and Paise Fifty Three Only
453.1	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	6.50	Sqm	4608.85	<b>29957.53</b>	INR Twenty Nine Thousand Nine Hundred & Fifty Seven and Paise Fifty Three Only
454.1	Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/ Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete, complying to ASTM C920, DIN 18540-F & ISO 11600 : Upto 5 mm depth and 5 mm width	10.00	M	96.65	<b>966.50</b>	INR Nine Hundred & Sixty Six and Paise Fifty Only

455.1	Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/ Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete, complying to ASTM C920, DIN 18540-F & ISO 11600 : Upto 10 mm depth and 10 mm width	10.00	M	133.20	<b>1332.00</b>	INR One Thousand Three Hundred & Thirty Two Only
456.1	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.	6.50	Sqm	298.30	<b>1938.95</b>	INR One Thousand Nine Hundred & Thirty Eight and Paise Ninety Five Only
457.1	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying: a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. d) fourth and final layer of brick tiling with cement mortar(which will be paid for separately. For the purpose of measurement the entire treated surface will be measured.	6.50	Sqm	395.00	<b>2567.50</b>	INR Two Thousand Five Hundred & Sixty Seven and Paise Fifty Only
458.1	Grading roof for water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	6.50	Cum	5583.80	<b>36294.70</b>	INR Thirty Six Thousand Two Hundred & Ninety Four and Paise Seventy Only
459.1	Grading roof for water proofing treatment with Cement mortar 1:3 (1 cement : 3 coarse sand.)	6.50	Cum	9280.65	<b>60324.23</b>	INR Sixty Thousand Three Hundred & Twenty Four and Paise Twenty Three Only
460.1	Dismantling existing toilets complete till the bare slab including dismantling the fittings like GI pipes etc., tiles, counters including the disposal of malba all complete as directed by Engineer-in-Charge. (Floor of toilet to be measured )	6.50	M2	585.04	<b>3802.76</b>	INR Three Thousand Eight Hundred & Two and Paise Seventy Six Only
461.1	Dismantling the kitchen including the fittings / fixtures stone work/ tiles/ GI pipes etc complete.	6.50	M2	293.18	<b>1905.67</b>	INR One Thousand Nine Hundred & Five and Paise Sixty Seven Only
462.1	Removing the old grills from press steel window frames and resizing the same by providing / cutting additional bars / flats as per the size of new wooden frames, as directed by EIC.	6.50	Each	378.95	<b>2463.18</b>	INR Two Thousand Four Hundred & Sixty Three and Paise Eighteen Only

463.1	Removing the existing carpet/PVC flooring cleaning the surface etc as directed.	6.50	M2	51.29	<b>333.39</b>	INR Three Hundred & Thirty Three and Paise Thirty Nine Only
464.1	Dismantling wooden flooring including cleaning the surface and making good for fixing new wooden flooring as directed.	6.50	M2	68.39	<b>444.54</b>	INR Four Hundred & Forty Four and Paise Fifty Four Only
465.1	Providing and fixing china Water closet with 'P' or 'S' trap, matching colour plastic seat (heavy quality) and dual flushing cistern with internal fittings etc. cuttings holes in walls, floors and making good. All complete as per drawing, approval and instructions of the EIC - White colour ( Hindware or Equivalent)	3.00	Each	21,052.20	<b>63156.60</b>	INR Sixty Three Thousand One Hundred & Fifty Six and Paise Sixty Only
466.1	Providing and fixing china Water closet with 'P' or 'S' trap, matching colour plastic seat (heavy quality) and dual flushing cistern with internal fittings etc. cuttings holes in walls, floors and making good. All complete as per drawing, approval and instructions of the EIC White colour ( Hindware or Equivalent)	7.50	Each	13,328.22	<b>99961.65</b>	INR Ninety Nine Thousand Nine Hundred & Sixty One and Paise Sixty Five Only
467.1	Providing and fixing first quality plastic seat cover with lid & hinges ( Hindware or Equivalent) for Wall hung constellation W.C.All complete as per drawing, approval and instructions of the Engineer-in-charge.	6.50	Each	1,357.40	<b>8823.10</b>	INR Eight Thousand Eight Hundred & Twenty Three and Paise Ten Only
468.1	Providing and fixing dual flushing cistern fittings ( Hindware or Euivalent) All complete as per drawing, approval and instructions of the Engineer-in-charge.	6.50	Each	2,858.33	<b>18579.15</b>	INR Eighteen Thousand Five Hundred & Seventy Nine and Paise Fifteen Only
469.1	Providing fixing and making operational CP brass Angle Valve Jaquar or Equivalent make	6.50	Each	847.98	<b>5511.87</b>	INR Five Thousand Five Hundred & Eleven and Paise Eighty Seven Only
470.1	Providing fixing and making operational CP brass bib Cock Jaquar or Equivalent make	6.50	Each	877.01	<b>5700.57</b>	INR Five Thousand Seven Hundred and Paise Fifty Seven Only
471.1	Providing fixing and making operational CP brass Long Body bib Cock Jaquar or Equivalent make	6.50	Each	1,109.31	<b>7210.52</b>	INR Seven Thousand Two Hundred & Ten and Paise Fifty Two Only
472.1	Providing fixing and making operational CP brass twoway bib cock Jaquar or Equivalent make	6.50	Each	1,109.31	<b>7210.52</b>	INR Seven Thousand Two Hundred & Ten and Paise Fifty Two Only
473.1	Providing fixing and making operational CP brass pillar cock Jaquar or Equivalent make	6.50	Each	877.01	<b>5700.57</b>	INR Five Thousand Seven Hundred and Paise Fifty Seven Only
474.1	Providing fixing and making operational CP brass pillar cock long Neck with Aerator Jaquar or Equivalent make	6.50	Each	1,109.31	<b>7210.52</b>	INR Seven Thousand Two Hundred & Ten and Paise Fifty Two Only
475.1	Providing fixing and making operational CP brass Concealed Stop Cock, Extra Heavy Body Jaquar or Equivalent make	6.50	Each	1,167.39	<b>7588.04</b>	INR Seven Thousand Five Hundred & Eighty Eight and Paise Four Only
476.1	Providing fixing and making operational CP brass Central Hole Basin Mixer without Popup Jaquar or Equivalent make	6.50	Each	3,407.05	<b>22145.83</b>	INR Twenty Two Thousand One Hundred & Forty Five and Paise Eighty Three Only
477.1	Providing fixing and making operational CP brass Wall Mixer with Telephone Shower Arrangement Jaquar or Equivalent make	6.50	Each	3,174.75	<b>20635.88</b>	INR Twenty Thousand Six Hundred & Thirty Five and Paise Eighty Eight Only
478.1	Providing fixing and making operational CP brass Sink Mixer with Raised 'J' Shaped Swinging Spout Jaquar or Equivalent make	6.50	Each	2,892.80	<b>18803.20</b>	INR Eighteen Thousand Eight Hundred & Three and Paise Twenty Only
479.1	Providing fixing and making operational CP brass Shower Arm 190mm Long Heavy cat no 483 and Overhead shower Jaquar or Equivalent make	6.50	Each	2,921.84	<b>18991.96</b>	INR Eighteen Thousand Nine Hundred & Ninety One and Paise Ninety Six Only

480.1	Providing fixing Single Towel Rail 600mm Long Jaquar or Equivalent make	6.50	Each	1,254.50	<b>8154.25</b>	INR Eight Thousand One Hundred & Fifty Four and Paise Twenty Five Only
481.1	Providing fixing Single Towel Ring Square Jaquar or Equivalent make	6.50	Each	939.37	<b>6105.91</b>	INR Six Thousand One Hundred & Five and Paise Ninety One Only
482.1	Providing fixing Soap Dish Holder Jaquar or Equivalent make	9.00	Each	702.79	<b>6325.11</b>	INR Six Thousand Three Hundred & Twenty Five and Paise Eleven Only
483.1	Providing fixing Soap Dispenser with Metallic Bottle Jaquar or Equivalent make	9.00	Each	1,573.91	<b>14165.19</b>	INR Fourteen Thousand One Hundred & Sixty Five and Paise Nineteen Only
484.1	Providing fixing Tumbler Holder Jaquar or Equivalent make	9.00	Each	702.79	<b>6325.11</b>	INR Six Thousand Three Hundred & Twenty Five and Paise Eleven Only
485.1	Providing fixing Double Coat Hook Jaquar or Equivalent make	9.00	Each	644.71	<b>5802.39</b>	INR Five Thousand Eight Hundred & Two and Paise Thirty Nine Only
486.1	Providing fixing Towel Rack 600mm Long with Lower Hangers Jaquar or Equivalent make	9.00	Each	2,967.71	<b>26709.39</b>	INR Twenty Six Thousand Seven Hundred & Nine and Paise Thirty Nine Only
487.1	Providing fixing Waste Coupling 32mm Size Half Thread Jaquar or Equivalent make	9.00	Each	470.49	<b>4234.41</b>	INR Four Thousand Two Hundred & Thirty Four and Paise Forty One Only
488.1	Providing fixing Wall Bracket Swivel hook for Telephone Showers Jaquar or Equivalent make	9.00	Each	586.64	<b>5279.76</b>	INR Five Thousand Two Hundred & Seventy Nine and Paise Seventy Six Only
489.1	Providing fixing Handshower (Health Faucet) with 1meter Flexible Tube with Wall Hook Jaquar or Equivalent make	9.00	Each	1,690.66	<b>15215.94</b>	INR Fifteen Thousand Two Hundred & Fifteen and Paise Ninety Four Only
490.1	Providing fixing Bottle Trap (with internal partition) 32mm Size Jaquar or Equivalent make	9.00	Each	1,457.76	<b>13119.84</b>	INR Thirteen Thousand One Hundred & Nineteen and Paise Eighty Four Only
491.1	Providing fixing telephonic Handshower Single Flow 95 mm dia with 1&1/2 meter Flexible Tube with 12 mm dia Jaquar or Equivalent make	9.00	Each	2,270.81	<b>20437.29</b>	INR Twenty Thousand Four Hundred & Thirty Seven and Paise Twenty Nine Only
492.1	Providing fixing Bath Tub Spout with Button Attachment for Telephone Shower Jaquar or Equivalent make	9.00	Each	1,602.95	<b>14426.55</b>	INR Fourteen Thousand Four Hundred & Twenty Six and Paise Fifty Five Only
493.1	Providing and fixing CP cockroach trap heavy duty of approved make Jaquar or Equivalent make	9.00	Each	720.21	<b>6481.89</b>	INR Six Thousand Four Hundred & Eighty One and Paise Eighty Nine Only
494.1	Providing and fixing Copper pipe in geyser of approved as directed including nuts & bolts	9.00	Each	294.31	<b>2648.79</b>	INR Two Thousand Six Hundred & Forty Eight and Paise Seventy Nine Only
495.1	Providing and fixing liquid soap dispenser Jaquar or equivalent, All as per instruction of EIC.	9.00	Each	1,677.65	<b>15098.85</b>	INR Fifteen Thousand & Ninety Eight and Paise Eighty Five Only
496.1	Providing and fixing tissue dispenser complete including cutting and making good the walls wherever required. AVRO make or approved equivalent make)	9.00	Each	3,013.38	<b>27120.42</b>	INR Twenty Seven Thousand One Hundred & Twenty and Paise Forty Two Only

497.1	Providing and fixing glass cubical made of 10 mm thick toughened glass including SS wall brackets, for fixing glass door SS hinges heavy duty, rubber gasket, rod on top including fixing charges all complete as directed by the EIC.	2.00	M2	7,221.45	<b>14442.90</b>	INR Fourteen Thousand Four Hundred & Forty Two and Paise Ninety Only
498.1	Providing and fixing PVC Sintex Tank cover over terrace or wherever required.	9.00	Each	300.70	<b>2706.30</b>	INR Two Thousand Seven Hundred & Six and Paise Thirty Only
499.1	Providing and fixing face in Bib cock / pillar cock etc of approved quality as directed by EIC.	9.00	Each	116.04	<b>1044.36</b>	INR One Thousand & Forty Four and Paise Thirty Six Only
500.1	Providing and fixing special type brass face in concealed stop cock of approved quality as directed by EIC	9.00	Each	191.53	<b>1723.77</b>	INR One Thousand Seven Hundred & Twenty Three and Paise Seventy Seven Only
501.1	Providing and fixing CP brass jet spray with flexible pipe fitted to EWC.	9.00	Each	505.14	<b>4546.26</b>	INR Four Thousand Five Hundred & Forty Six and Paise Twenty Six Only
502.1	Providing and fixing rigid PVC pipe 75 mm dia for disposal of water from urinal and wash basin complete.	9.00	Rmt	110.80	<b>997.20</b>	INR Nine Hundred & Ninety Seven and Paise Twenty Only
503.1	Providing and fixing rigid PVC bends/elbow 40 mm dia with necessary solvent complete.	9.00	Each	110.93	<b>998.37</b>	INR Nine Hundred & Ninety Eight and Paise Thirty Seven Only
504.1	Providing and fixing rigid PVC TEE 40 mm dia with necessary solvent complete.	9.00	Each	110.93	<b>998.37</b>	INR Nine Hundred & Ninety Eight and Paise Thirty Seven Only
505.1	Providing and fixing CP fancy over head shower with ball joint of approved quality complete as directed.	9.00	Each	1,004.58	<b>9041.22</b>	INR Nine Thousand & Forty One and Paise Twenty Two Only
506.1	Providing and fixing CP brass flush (long) bend 32mm dia as directed by EIC	9.00	Each	522.56	<b>4703.04</b>	INR Four Thousand Seven Hundred & Three and Paise Four Only
507.1	Providing and fixing CP brass extension piece 15mm dia as directed by EIC.	9.00	Each	127.65	<b>1148.85</b>	INR One Thousand One Hundred & Forty Eight and Paise Eighty Five Only
508.1	Providing and fixing acrylic shelf of approved quality, size and shade.	9.00	Each	685.17	<b>6166.53</b>	INR Six Thousand One Hundred & Sixty Six and Paise Fifty Three Only
509.1	Providing and fixing Glass shelf of approved quality for wash basin of size 20"x5" Approx.	9.00	Each	1,184.62	<b>10661.58</b>	INR Ten Thousand Six Hundred & Sixty One and Paise Fifty Eight Only
510.1	Providing and fixing the designer fiber glass plane 2 mm thick sheet roofing of best make with GI, J and L hooks, bolts and nuts 8 mm dia GI plane and bitumen washers all complete excluding the cost of purlines, rafters and trusses, up to 60 degree pitch.	10.00	M2	1,205.17	<b>12051.70</b>	INR Twelve Thousand & Fifty One and Paise Seventy Only
511.1	Providing and fixing 6mm thick commercial ply Green, Duro, century, Sonar or equivalent make with fully threaded parallel shank screws or headless nails. All as per drawing, approval and instructions of the Engineer-in-charge.	10.00	M2	1,437.57	<b>14375.70</b>	INR Fourteen Thousand Three Hundred & Seventy Five and Paise Seventy Only
512.1	Providing and fixing 12mm thick commercial ply Green, Duro, century, Sonar or equivalent make with fully threaded parallel shank screws or headless nails. All as per drawing, approval and instructions of the Engineer-in-charge.	10.00	M2	1,904.99	<b>19049.90</b>	INR Nineteen Thousand & Forty Nine and Paise Ninety Only
513.1	Providing and fixing 19mm thick commercial ply Green, Duro, century, Sonar or equivalent make with fully threaded parallel shank screws or headless nails. All as per drawing, approval and instructions of the Engineer-in-charge.	9.00	M2	2,512.68	<b>22614.12</b>	INR Twenty Two Thousand Six Hundred & Fourteen and Paise Twelve Only

514.1	Providing & fixing 12 mm thick MDF board ASIS or equivalent make with nails, adhesive etc including making grooves etc.	9.00	M2	1,415.48	<b>12739.32</b>	INR Twelve Thousand Seven Hundred & Thirty Nine and Paise Thirty Two Only
515.1	Providing & fixing 8 mm thick MDF board ASIS or equivalent make with nails, adhesive etc including making grooves etc.	9.00	M2	1,169.44	<b>10524.96</b>	INR Ten Thousand Five Hundred & Twenty Four and Paise Ninety Six Only
516.1	Providing & fixing 3.5mm thick Natural Decorative Veneer Ply - White ash / steam beach. or equivalent to curved / straight partition / paneling of group match and of following origin, making grooves, All as per drawing, approval and instruction of EIC.	9.00	M2	2,063.29	<b>18569.61</b>	INR Eighteen Thousand Five Hundred & Sixty Nine and Paise Sixty One Only
517.1	Providing & fixing 3.5mm thick Natural Decorative Veneer Ply - Teak veneer. or equivalent to curved / straight partition / paneling of group match and of following origin, making grooves, All as per drawing, approval and instruction of EIC.	9.00	M2	1,424.47	<b>12820.23</b>	INR Twelve Thousand Eight Hundred & Twenty and Paise Twenty Three Only
518.1	Providing and fixing 2 -1/2' height running counter as per specifications: 19 mm thick Commercial block board finished with top 1 mm thick approved class laminate. Vertical face shall have 19 mm thick Commercial board turned to shape finished in 1 mm thick laminate . All edges sealed with teak wood edging with teak wood moulding. All complete including making of drawers of required size with Hettich make or equivalent fittings, painting and polishing of shutters etc. as directed. (Top area to be measured for payment purpose.)	9.00	M2	12,247.39	<b>110226.51</b>	INR One Lakh Ten Thousand Two Hundred & Twenty Six and Paise Fifty One Only
519.1	Providing and fixing under counter 600 mm deep, height and length as per site requirement, made of 19 mm thick board, back shall be 12 mm thick BWP ply. Openable shutter shall be provided in front of counter, all exposed sides and shutter of cabinet & inside the cabinet finished with 1 mm thick laminate of greenlam or equivalent i/c MP Godrej lock, Telescopic channel, brass/SS handles 100 mm, hinges, magnetic chatcher of approved quality. All edges of board shall be sealed with wooden leaping of 6 mm x 20 mm as directed by EIC.(payment shall be made as per front area of cabinet)	17.50	M2	18437.01	<b>322647.68</b>	INR Three Lakh Twenty Two Thousand Six Hundred & Forty Seven and Paise Sixty Eight Only
520.1	Providing and fixing cabinet, 400 mm deep, height and length as per site requirement made of 19 mm thick commercial board (Duro/Century/Donear or equivalent), with open able shutter, all shelving shall be loose and adjustable. Back shall be 12 mm thick. All exposed sides, shutter, and bottom side of cabinet & inside the cabinet finished with 1.00 mm thick laminate of greenlam or equivalent approved class. (Payment shall be made as per front area of the cabinet)	12.50	M2	13,811.78	<b>172647.25</b>	INR One Lakh Seventy Two Thousand Six Hundred & Forty Seven and Paise Twenty Five Only
521.1	Providing and fixing double skin partition with matching 1.0 mm thick Greenlam or equivalent Laminate on both sides and frame work of hard wood (Kailwood) 48x48 mm @ 60 cm c/c bothway and 12 mm thick commercial ply (Duro/Century/Donear or equivalent)	10.00	M2	4,291.28	<b>42912.80</b>	INR Forty Two Thousand Nine Hundred & Twelve and Paise Eighty Only
522.1	Providing and fixing louver frame and shutters of Teakwood / white ash wood with polished in melamine with necessary hinges as per drawing and instruction of EIC	10.00	M2	2,844.86	<b>28448.60</b>	INR Twenty Eight Thousand Four Hundred & Forty Eight and Paise Sixty Only
523.1	Skilled Labour charges for providing plumbing, carpentry and other services related to Civil maintenance of residential complex, Noida, Oil House and guest houses with all tools including sundries materials like nails, fevicols, chemicals, screws etc.	10.00	Per day	871.19	<b>8711.90</b>	INR Eight Thousand Seven Hundred & Eleven and Paise Ninety Only



524.1	Un Skilled Labour charges for Helping plumbing, carpentry and other services related to Civil maintenance of residential complex, Noida, Oil House and guest houses with all tools including sundries materials like nails, fevicols, chemicals, screws etc	10.00	Per day	717.93	<b>7179.30</b>	INR Seven Thousand One Hundred & Seventy Nine and Paise Thirty Only
525.1	Providing and fixing 12 mm thick perforated ceiling tiles of approved make including anti termite / fire retardant treatment with removal of existing damaged tiles, if required.	10.00	Sqm	567.08	<b>5670.80</b>	INR Five Thousand Six Hundred & Seventy and Paise Eighty Only
526.1	Easing of door/windows / drawers etc. edges for proper closing/ opening of shutter drawer etc complete.	10.00	Each	198.62	<b>1986.20</b>	INR One Thousand Nine Hundred & Eighty Six and Paise Twenty Only
527.1	Repairing and refixing of door/window shutters including removal of shutter from chowkats, cutting wherever necessary, removing and refixing butt hinges on other side of frame and shutter wherever required.	10.00	Sqm	379.23	<b>3792.30</b>	INR Three Thousand Seven Hundred & Ninety Two and Paise Thirty Only
528.1	Repairing of European type W.C. cistern by removing/repositioning the internal fittings after replacing rubber gasket.	10.00	Each	198.62	<b>1986.20</b>	INR One Thousand Nine Hundred & Eighty Six and Paise Twenty Only
529.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 15mm dia socket	10.00	Each	53.83	<b>538.30</b>	INR Five Hundred & Thirty Eight and Paise Thirty Only
530.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 15mm dia elbow	10.00	Each	54.88	<b>548.80</b>	INR Five Hundred & Forty Eight and Paise Eighty Only
531.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 15mm dia Tee	10.00	Each	64.28	<b>642.80</b>	INR Six Hundred & Forty Two and Paise Eighty Only
532.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 20mm dia Socket	10.00	Each	61.50	<b>615.00</b>	INR Six Hundred & Fifteen Only
533.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 20mm dia Elbow	10.00	Each	64.28	<b>642.80</b>	INR Six Hundred & Forty Two and Paise Eighty Only
534.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 20mm dia Tee	10.00	Each	76.95	<b>769.50</b>	INR Seven Hundred & Sixty Nine and Paise Fifty Only
535.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 25mm dia Socket	10.00	Each	67.08	<b>670.80</b>	INR Six Hundred & Seventy and Paise Eighty Only
536.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 25mm dia Elbow	10.00	Each	76.95	<b>769.50</b>	INR Seven Hundred & Sixty Nine and Paise Fifty Only
537.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 25mm dia Tee	10.00	Each	91.00	<b>910.00</b>	INR Nine Hundred & Ten Only
538.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 32mm dia Socket	10.00	Each	81.59	<b>815.90</b>	INR Eight Hundred & Fifteen and Paise Ninety Only
539.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 32mm dia Elbow	10.00	Each	97.28	<b>972.80</b>	INR Nine Hundred & Seventy Two and Paise Eighty Only
540.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 32mm dia Tee	10.00	Each	115.51	<b>1155.10</b>	INR One Thousand One Hundred & Fifty Five and Paise Ten Only
541.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 40mm dia Socket	10.00	Each	92.16	<b>921.60</b>	INR Nine Hundred & Twenty One and Paise Sixty Only
542.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 40mm dia Elbow	10.00	Each	120.62	<b>1206.20</b>	INR One Thousand Two Hundred & Six and Paise Twenty Only
543.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 40mm dia Tee	10.00	Each	141.99	<b>1419.90</b>	INR One Thousand Four Hundred & Nineteen and Paise Ninety Only
544.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 50mm dia Socket	10.00	Each	201.64	<b>2016.40</b>	INR Two Thousand & Sixteen and Paise Forty

						Only
545.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 50mm dia Elbow	10.00	Each	232.64	<b>2326.40</b>	INR Two Thousand Three Hundred & Twenty Six and Paise Forty Only
546.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 50mm dia Tee	10.00	Each	269.58	<b>2695.80</b>	INR Two Thousand Six Hundred & Ninety Five and Paise Eighty Only
547.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 65mm dia Socket	10.00	Each	256.58	<b>2565.80</b>	INR Two Thousand Five Hundred & Sixty Five and Paise Eighty Only
548.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 65mm dia Elbow	10.00	Each	342.64	<b>3426.40</b>	INR Three Thousand Four Hundred & Twenty Six and Paise Forty Only
549.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 65mm dia Tee	10.00	Each	404.55	<b>4045.50</b>	INR Four Thousand & Forty Five and Paise Fifty Only
550.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 80mm dia Socket	10.00	Each	383.70	<b>3837.00</b>	INR Three Thousand Eight Hundred & Thirty Seven Only
551.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 80mm dia Elbow	10.00	Each	477.09	<b>4770.90</b>	INR Four Thousand Seven Hundred & Seventy and Paise Ninety Only
552.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 80mm dia Tee	10.00	Each	584.45	<b>5844.50</b>	INR Five Thousand Eight Hundred & Forty Four and Paise Fifty Only
553.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 100mm dia Socket	10.00	Each	517.86	<b>5178.60</b>	INR Five Thousand One Hundred & Seventy Eight and Paise Sixty Only
554.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 100mm dia Elbow	10.00	Each	723.90	<b>7239.00</b>	INR Seven Thousand Two Hundred & Thirty Nine Only
555.1	Providing and fixing G.I. pipe fittings heavy duty (ISI mark) - 100mm dia Tee	10.00	Each	881.18	<b>8811.80</b>	INR Eight Thousand Eight Hundred & Eleven and Paise Eighty Only
556.1	Cleaning of under ground tanks / surface tanks of any size and removal of malba outside premises including disinfecting the tank with bleaching powder. Up to 20.000/- Lt. Capacity.	0.50	Each	2172.01	<b>1086.01</b>	INR One Thousand & Eighty Six and Paise One Only
557.1	Cleaning of G.I./M.S./Masonry/PVC over head tanks of 500 litres capacity / sizes (approximate) including removal of malba outside premises and disinfecting with bleaching power etc complete.	10.00	Each	543.01	<b>5430.10</b>	INR Five Thousand Four Hundred & Thirty and Paise Ten Only
558.1	Cleaning of G.I./M.S./Masonry/PVC over head tanks of 1000 litres capacity / sizes (approximate) including removal of malba outside premise and disinfecting with bleaching power etc complete.	10.00	Each	760.21	<b>7602.10</b>	INR Seven Thousand Six Hundred & Two and Paise Ten Only
559.1	Cleaning of G.I./M.S./Masonry/PVC over head tanks of 1500 lit./ 2000 lit. capacity / sizes (approximate) including removal of malba outside premise and disinfecting with bleaching power etc complete.	10.00	Each	977.41	<b>9774.10</b>	INR Nine Thousand Seven Hundred & Seventy Four and Paise Ten Only
560.1	Cleaning of G.I./M.S./Masonry/PVC over head tanks of 3000 lit/ 5000 lit. capacity / sizes (approximate) including removal of malba outside premise and disinfecting with bleaching power etc complete.	10.00	Each	1194.61	<b>11946.10</b>	INR Eleven Thousand Nine Hundred & Forty Six and Paise Ten Only

561.1	Cleaning of G.I./M.S./Masonry/PVC over head tanks of above 5000 litres capacity / sizes (approximate) including removal of malba outside premises and disinfecting with bleaching power etc complete.	10.00	Each	1629.01	<b>16290.10</b>	INR Sixteen Thousand Two Hundred & Ninety and Paise Ten Only
562.1	Replacement of 3mm thick acrylic sheet of white colour on existing board and lettering the same as per requirement.	10.00	Sqm	1205.06	<b>12050.60</b>	INR Twelve Thousand & Fifty and Paise Sixty Only
563.1	Fixing Geyser on wall face with bolts of size 4"x3/8" and nuts in cc 1:2:4 (1 cement :2 coarse sand :4 graded stone agg. 20 mm nominal size) cost of bolts and nuts include in the rate.	10.00	Each	327.26	<b>3272.60</b>	INR Three Thousand Two Hundred & Seventy Two and Paise Sixty Only
564.1	Cleaning the sewage line from one manhole to next manhole including both the manholes and disposal of malba from the premises.	10.00	Each	854.86	<b>8548.60</b>	INR Eight Thousand Five Hundred & Forty Eight and Paise Sixty Only
565.1	Providing and fixing Wall Paper of approved make with adhesive complete as directed by EIC.	10.00	M2	1,250.83	<b>12508.30</b>	INR Twelve Thousand Five Hundred & Eight and Paise Thirty Only
566.1	Providing and fixing in position 9 mm thick Pergo expression laminated floor (code 010012) or of approved equivalent make with sound block, of plank having proloc joints tongue and groove to secure long lasting joints, as per approval by EIC.	10.00	M2	6,822.35	<b>68223.50</b>	INR Sixty Eight Thousand Two Hundred & Twenty Three and Paise Fifty Only
567.1	Providing and fixing heavy duty double action floor spring with SS cover plate (beveled edges) of OZONE or equivalent make and accessories complete. Cost includes cutting and making good the floors. All complete as per approval and instructions of the EIC	10.00	Each	8,695.51	<b>86955.10</b>	INR Eighty Six Thousand Nine Hundred & Fifty Five and Paise Ten Only
568.1	Providing and fixing vertical blinds of 100mm width of Vista levelor or equivalent make in the range of Classic / Select coated with dust guard as directed by EIC.	10.00	M2	1,403.25	<b>14032.50</b>	INR Fourteen Thousand & Thirty Two and Paise Fifty Only
569.1	Providing and fixing vertical blinds of 75mm width of Vista levelor or equivalent make in the range of Classic / Select coated with dust guard as directed by EIC.	10.00	M2	1,017.78	<b>10177.80</b>	INR Ten Thousand One Hundred & Seventy Seven and Paise Eighty Only
570.1	Providing and fixing roller blinds of approved design/make and shade including all standard fittings as per manufacturer's specification.	10.00	M2	2,670.74	<b>26707.40</b>	INR Twenty Six Thousand Seven Hundred & Seven and Paise Forty Only
571.1	Providing and fixing wall panelling with matching 1.0 mm thick Laminate (Greenlam or equivalent ) on one sides and frame work of hard wood (Kailwood) 48x38 mm @ 60 cm c/c bothway and 12 mm thick commercial ply (Duro/Century/Donear or equivalent)	10.00	M2	2,304.43	<b>23044.30</b>	INR Twenty Three Thousand & Forty Four and Paise Thirty Only
572.1	Providing and fixing armstrong homogenous ployvinyle chloride sheet / tile flooring on smooth damp proof base using required adheshive of all colour or shade complete with 2 mm thick tile.	10.00	M2	864.15	<b>8641.50</b>	INR Eight Thousand Six Hundred & Forty One and Paise Fifty Only
573.1	Providing and Fixing brass Mortice Lock - 6 lever with handle complete Godrej or Equivalent make	10.00	NO	981.03	<b>9810.30</b>	INR Nine Thousand Eight Hundred & Ten and Paise Thirty Only
574.1	Providing and fixing 5 mm thick acid forsted glass panes as per the approved design with teak / steam beach wood wood moulding including polishing the same etc. complete in all respects.	10.00	M2	981.03	<b>9810.30</b>	INR Nine Thousand Eight Hundred & Ten and Paise Thirty Only
575.1	Frosting of door/window/partition glass. Rate to include removing & refixing of glass with new putty/beading complete in all respects.	10.00	M2	452.78	<b>4527.80</b>	INR Four Thousand Five Hundred & Twenty Seven and Paise Eighty Only

576.1	Providing and fixing 8.00mm thick plain glass including teak wood/ steam beach wood moulding in door /window / partition etc. by removing old broken glass pane., old putty/beading. Rate to include rounding / grinding of edges & making bevelled edges for table top polishing.	10.00	M2	1,735.93	<b>17359.30</b>	INR Seventeen Thousand Three Hundred & Fifty Nine and Paise Thirty Only
577.1	Providing and fixing 10.00mm thick plain glass including teak wood/ steam beach wood moulding in door /window / partition etc. by removing old broken glass pane., old putty/beading. Rate to include rounding / grinding of edges & making bevelled edges for table top polishing.	10.00	M2	2,037.52	<b>20375.20</b>	INR Twenty Thousand Three Hundred & Seventy Five and Paise Twenty Only
578.1	Providing and fixing 12.00mm thick plain glass including teak wood/ steam beach wood moulding in door /window / partition etc. by removing old broken glass pane., old putty/beading. Rate to include rounding / grinding of edges & making bevelled edges for table top polishing.	10.00	M2	2,412.00	<b>24120.00</b>	INR Twenty Four Thousand One Hundred & Twenty Only
579.1	Repairing of steel window by welding / strength and greasing with replacement of hinges	10.00	M2	181.11	<b>1811.10</b>	INR One Thousand Eight Hundred & Eleven and Paise Ten Only
580.1	P/L sun control film of approved shade and colour	10.00	M2	422.59	<b>4225.90</b>	INR Four Thousand Two Hundred & Twenty Five and Paise Ninety Only
581.1	Providing and fixing velvet cloth to notice board.	10.00	M2	196.19	<b>1961.90</b>	INR One Thousand Nine Hundred & Sixty One and Paise Ninety Only
582.1	Repair of floor trap with chemical water proofing treatment complete in all respects as per manufactures' specification	10.00	NO	226.38	<b>2263.80</b>	INR Two Thousand Two Hundred & Sixty Three and Paise Eighty Only
583.1	Providing and fixing and replacement of complete PVC syphon for low level PVC cistern heavy duty approved make	10.00	NO	188.66	<b>1886.60</b>	INR One Thousand Eight Hundred & Eighty Six and Paise Sixty Only
584.1	Clearing air lock in GI lines per flat by pumping water from the outside	10.00	NO	264.13	<b>2641.30</b>	INR Two Thousand Six Hundred & Forty One and Paise Thirty Only
585.1	Providing and fixing of partition end panel profile customised to the requirement as directed by EIC.	10.00	M	5,412.59	<b>54125.90</b>	INR Fifty Four Thousand One Hundred & Twenty Five and Paise Ninety Only
586.1	Providing and fixing of 12mm MDF with fabric of desired colour customised to the requirement as directed by EIC.	10.00	Sqm	4,198.62	<b>41986.20</b>	INR Forty One Thousand Nine Hundred & Eighty Six and Paise Twenty Only
587.1	Providing and fixing loop carpets for the floor of approved design / make and shade including all standard fittings as per manufacturer's specification.	10.00	Sqm	1,604.76	<b>16047.60</b>	INR Sixteen Thousand & Forty Seven and Paise Sixty Only
588.1	Providing and fixing large cylindrical mortice locks with long handles as directed by EIC.	10.00	Each	1850.00	<b>18500.00</b>	INR Eighteen Thousand Five Hundred Only
589.1	Supplying and Wiring for circuit/ submain wiring alongwith earth wire of sizes FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	10.00	M	237.00	<b>2370.00</b>	INR Two Thousand Three Hundred & Seventy Only
590.1	Supplying and Wiring for circuit/ submain wiring alongwith earth wire of sizes FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 6 sq. mm + 1 X 6 sq. mm earth wire	10.00	M	315.00	<b>3150.00</b>	INR Three Thousand One Hundred & Fifty Only

591.1	Supplying and Wiring for circuit/ submain wiring alongwith earth wire of sizes FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 10 sq. mm + 1 X 10 sq. mm earth wire	10.00	M	392.00	<b>3920.00</b>	INR Three Thousand Nine Hundred & Twenty Only
592.1	Supplying and Wiring for light point/ fan point/ exhaust fan point/ call bell point with 2x1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano/modular type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.	10.00	Pt.	714.00	<b>7140.00</b>	INR Seven Thousand One Hundred & Forty Only
593.1	Supplying and drawing size of FRLC PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Size - 2 x 1.5 sq. mm	10.00	M	37.00	<b>370.00</b>	INR Three Hundred & Seventy Only
594.1	Supplying and drawing following pair 0.5 mm dia FRLS PVCinsulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required : 4 Pair	10.00	M	28.00	<b>280.00</b>	INR Two Hundred & Eighty Only
595.1	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	10.00	M	29.00	<b>290.00</b>	INR Two Hundred & Ninety Only
596.1	Supplying and fixing of following sizes of steel conduit along with 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 : 20 mm	10.00	M	126.00	<b>1260.00</b>	INR One Thousand Two Hundred & Sixty Only
597.1	Supplying and fixing 5/6 amps piano type switch/socket on the existing switch box/ cover including connections etc. as required.	10.00	EA	34.00	<b>340.00</b>	INR Three Hundred & Forty Only
598.1	Supplying and fixing 2 way 5/6 amps piano type switch/socket on the existing switch box/ cover including connections etc. as required.	10.00	EA	39.00	<b>390.00</b>	INR Three Hundred & Ninety Only
599.1	Supplying and fixing 15/16 amp piano type switch/socket on the existing switch box/ cover including connections etc. as required.	10.00	EA	75.00	<b>750.00</b>	INR Seven Hundred & Fifty Only
600.1	Supplying and fixing 3 pin 5/6 amp outlet piano type socket on the existing switch box/ cover including connections etc. as required.	10.00	EA	42.00	<b>420.00</b>	INR Four Hundred & Twenty Only
601.1	Supplying and fixing 3 pin 15/16 piano type socket on the existing switch box/ cover including connections etc. as required.	10.00	EA	86.00	<b>860.00</b>	INR Eight Hundred & Sixty Only
602.1	Supplying and fixing Telephone socket on the existing switch box/ cover including connections etc. as required.	10.00	EA	55.00	<b>550.00</b>	INR Five Hundred & Fifty Only
603.1	Supplying and fixing TV antenna socket on the existing switch box/ cover including connections etc. as required.	10.00	EA	48.00	<b>480.00</b>	INR Four Hundred & Eighty Only
604.1	Supplying and fixing Bell push on the existing switch box/ cover including connections etc. as required.	10.00	EA	47.00	<b>470.00</b>	INR Four Hundred & Seventy Only
605.1	Supplying and fixing modular 5/6 switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	10.00	EA	84.00	<b>840.00</b>	INR Eight Hundred & Forty Only
606.1	Supplying and fixing modular 15/16 switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	10.00	EA	114.00	<b>1140.00</b>	INR One Thousand One Hundred & Forty Only

607.1	Supplying and fixing modular 3 pin 5/6 amp socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	10.00	EA	81.00	<b>810.00</b>	INR Eight Hundred & Ten Only
608.1	Supplying and fixing modular 3 pin 15/16 amp socket outlet on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	10.00	EA	153.00	<b>1530.00</b>	INR One Thousand Five Hundred & Thirty Only
609.1	Supplying and fixing modular Bell push on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	10.00	EA	114.00	<b>1140.00</b>	INR One Thousand One Hundred & Forty Only
610.1	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	10.00	EA	288.00	<b>2880.00</b>	INR Two Thousand Eight Hundred & Eighty Only
611.1	Supplying and fixing 3 pin, 5A ceiling rose on the existing junction box/ wooden block including connection etc as required.	10.00	EA	46.00	<b>460.00</b>	INR Four Hundred & Sixty Only
612.1	Supplying and fixing /bakelite brass/batten/angle/ pendant holder including connection etc. as required.	10.00	EA	75.00	<b>750.00</b>	INR Seven Hundred & Fifty Only
613.1	Erection of wall bracket light/ceiling light fittings and fixing of all sizes and shapes containing upto two GLS lamps per fitting, complete with all accessories including connection etc. as required.	10.00	EA	58.00	<b>580.00</b>	INR Five Hundred & Eighty Only
614.1	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete as required.	10.00	EA	61.00	<b>610.00</b>	INR Six Hundred & Ten Only
615.1	Providing and fixing plain 16/0.20mm (0.50sqmm) twin flat flexible, FR PVC insulated, copper cable, in PVC sleeve of suitable size on the floor/ wall, or side of the table/ door etc. as required.	10.00	M	22.00	<b>220.00</b>	INR Two Hundred & Twenty Only
616.1	Installation only, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	10.00	EA	100.00	<b>1000.00</b>	INR One Thousand Only
617.1	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	10.00	EA	247.00	<b>2470.00</b>	INR Two Thousand Four Hundred & Seventy Only
618.1	Installation of exhaust fan Upto 450 mm sweep in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	10.00	EA	224.00	<b>2240.00</b>	INR Two Thousand Two Hundred & Forty Only
619.1	Supplying and fixing Single pole 5 amps to 32 amps rating, 240/415 volts, miniature circuit breaker suitable for inductive load of poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	10.00	EA	173.00	<b>1730.00</b>	INR One Thousand Seven Hundred & Thirty Only
620.1	Supplying and fixing Double pole 5 amps to 32 amps rating, 240/415 volts, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	10.00	EA	463.00	<b>4630.00</b>	INR Four Thousand Six Hundred & Thirty Only
621.1	Supplying and fixing Triple pole and neutral 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	10.00	EA	891.00	<b>8910.00</b>	INR Eight Thousand Nine Hundred & Ten Only
622.1	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	10.00	EA	7.00	<b>70.00</b>	INR Seventy Only

623.1	Supplying and fixing 40 amps rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.	10.00	EA	222.00	<b>2220.00</b>	INR Two Thousand Two Hundred & Twenty Only
624.1	Supplying and fixing 63 amps rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.	10.00	EA	254.00	<b>2540.00</b>	INR Two Thousand Five Hundred & Forty Only
625.1	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required : 40A	10.00	EA	667.00	<b>6670.00</b>	INR Six Thousand Six Hundred & Seventy Only
626.1	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required : 63A	10.00	EA	659.00	<b>6590.00</b>	INR Six Thousand Five Hundred & Ninety Only
627.1	Supplying and fixing plastic gang box for single 5A switch and socket	10.00	EA	46.47	<b>464.70</b>	INR Four Hundred & Sixty Four and Paise Seventy Only
628.1	Supplying and fixing plastic gang box for two 5A switch and socket	10.00	EA	52.28	<b>522.80</b>	INR Five Hundred & Twenty Two and Paise Eighty Only
629.1	Supplying and fixing plastic gang box for single 15A switch and socket	10.00	EA	66.22	<b>662.20</b>	INR Six Hundred & Sixty Two and Paise Twenty Only
630.1	Supplying and fixing 4 way MCB distribution box with metal door	10.00	EA	1793.80	<b>17938.00</b>	INR Seventeen Thousand Nine Hundred & Thirty Eight Only
631.1	Supplying and fixing 8 way MCB distribution box with metal door	10.00	EA	2193.36	<b>21933.60</b>	INR Twenty One Thousand Nine Hundred & Thirty Three and Paise Sixty Only
632.1	Supplying and fixing 12 way MCB distribution box with metal door	10.00	EA	2599.89	<b>25998.90</b>	INR Twenty Five Thousand Nine Hundred & Ninety Eight and Paise Ninety Only
633.1	Supplying and fixing 75mm / 100mm dia wooden / PVC round blocks onceiling/walls etc.	10.00	EA	52.28	<b>522.80</b>	INR Five Hundred & Twenty Two and Paise Eighty Only
634.1	Supplying and fixing Tube Light D Super 80 Linear Fluorescent tube 36 watts 4' long	10.00	EA	88.52	<b>885.20</b>	INR Eight Hundred & Eighty Five and Paise Twenty Only
635.1	Supplying and fixing Tube Light D Super 80 Linear Fluorescent tube 18watts 2' long	10.00	EA	80.39	<b>803.90</b>	INR Eight Hundred & Three and Paise Ninety Only
636.1	Supplying and fixing Copper Ballast 18/36 watts	10.00	EA	190.73	<b>1907.30</b>	INR One Thousand Nine Hundred & Seven and Paise Thirty Only
637.1	Supplying and fixing Starter 18/36 watts 220/240 volt	10.00	EA	33.84	<b>338.40</b>	INR Three Hundred & Thirty Eight and Paise Forty Only
638.1	Supplying & fixing electric bulbs GLS Clear 25/40/60/100 W, 240V	10.00	EA	39.65	<b>396.50</b>	INR Three Hundred & Ninety Six and Paise Fifty Only
639.1	Supplying & fixing halogen bulbs 500/1000 W 240 V	10.00	EA	213.96	<b>2139.60</b>	INR Two Thousand One Hundred & Thirty Nine and Paise Sixty Only
640.1	Rewinding including supply of materials of ceiling/exhaust fans all types all diameters and sweeps, complete including taking out and reinstallation of fan.	10.00	EA	620.43	<b>6204.30</b>	INR Six Thousand Two Hundred & Four and Paise Thirty Only

641.1	Oiling and greasing of all type of fans including taking out & reinstallation including supply of necessary materials.	10.00	EA	116.84	<b>1168.40</b>	INR One Thousand One Hundred & Sixty Eight and Paise Forty Only
642.1	Supplying and fixing bush for ceiling fans/exhaust fans including removal of fan and refixing the same.	10.00	EA	139.78	<b>1397.80</b>	INR One Thousand Three Hundred & Ninety Seven and Paise Eighty Only
643.1	Supplying and fixing ball bearing of suitable size for ceiling fan/exhaust fans including removing the fans and reinstalling.	10.00	EA	221.09	<b>2210.90</b>	INR Two Thousand Two Hundred & Ten and Paise Ninety Only
644.1	Repairing of fan regulators including removal reinstallation and connections complete.	10.00	EA	72.57	<b>725.70</b>	INR Seven Hundred & Twenty Five and Paise Seventy Only
645.1	Dismantling & refixing of existing fan & light fixtures.	10.00	EA	187.45	<b>1874.50</b>	INR One Thousand Eight Hundred & Seventy Four and Paise Fifty Only
646.1	Installation only ceiling fan 48"/52" sweep or exhaust fans all type, all diameters, and sweeps including. Fan regulator & necessary wire. The rate to include taking out and dismantling old fans and regulators and storing the same in OIL store as directed.	10.00	EA	93.73	<b>937.30</b>	INR Nine Hundred & Thirty Seven and Paise Thirty Only
647.1	Supplying & fixing HPSV/MH Ballast BJS 400 SV/MH for 400 Watts sodium vapour light	8.00	EA	3553.30	<b>28426.40</b>	INR Twenty Eight Thousand Four Hundred & Twenty Six and Paise Forty Only
648.1	Supplying & fixing Chock for 70 Watts sodium vapour light	10.00	EA	1172.53	<b>11725.30</b>	INR Eleven Thousand Seven Hundred & Twenty Five and Paise Thirty Only
649.1	Supplying & fixing Ignitor for 400 Watts sodium vapour light	10.00	EA	587.16	<b>5871.60</b>	INR Five Thousand Eight Hundred & Seventy One and Paise Sixty Only
650.1	Supplying & fixing Ignitor for 70Watts sodium vapour light	10.00	EA	326.03	<b>3260.30</b>	INR Three Thousand Two Hundred & Sixty and Paise Thirty Only
651.1	Supplying & fixing Bulb for 400 Watts sodium vapour light	10.00	EA	964.85	<b>9648.50</b>	INR Nine Thousand Six Hundred & Forty Eight and Paise Fifty Only
652.1	Supplying & fixing Bulb for 70Watts sodium vapour light	10.00	EA	384.10	<b>3841.00</b>	INR Three Thousand Eight Hundred & Forty One Only
653.1	Providing and fixing of call bell	10.00	EA	218.29	<b>2182.90</b>	INR Two Thousand One Hundred & Eighty Two and Paise Ninety Only
654.1	Supplying & fixing Chock for 250 Watts mercury vapour street light fittings	5.00	EA	2316.61	<b>11583.05</b>	INR Eleven Thousand Five Hundred & Eighty Three and Paise Five Only
655.1	Supplying & fixing Bulb for 250 Watts mercury vapour street light fittings	10.00	EA	546.71	<b>5467.10</b>	INR Five Thousand Four Hundred & Sixty Seven and Paise Ten Only
656.1	Supplying and fixing of 11 W, Normal CFL lamps	10.00	EA	279.57	<b>2795.70</b>	INR Two Thousand Seven Hundred & Ninety Five and Paise Seventy Only
657.1	Supplying and fixing of 15 W, Normal CFL lamps	10.00	EA	291.18	<b>2911.80</b>	INR Two Thousand Nine Hundred & Eleven and Paise Eighty Only
658.1	Supplying and fixing of 18 W, Normal CFL lamps	10.00	EA	337.64	<b>3376.40</b>	INR Three Thousand Three Hundred & Seventy Six and Paise Forty Only



659.1	Providing and Fixing Air conditioner on the existing hole with new frame and teakwood ply/moulding	10.00	EA	997.54	<b>9975.40</b>	INR Nine Thousand Nine Hundred & Seventy Five and Paise Forty Only
660.1	Supplying and fixing 3 PIN PLUG TOP 6 A	10.00	EA	87.35	<b>873.50</b>	INR Eight Hundred & Seventy Three and Paise Fifty Only
661.1	Supplying and fixing 3 PIN PLUG TOP 16 A	10.00	EA	109.42	<b>1094.20</b>	INR One Thousand & Ninety Four and Paise Twenty Only
662.1	Supplying and fixing CFL, 4W to 36W , 4PIN	10.00	EA	196.54	<b>1965.40</b>	INR One Thousand Nine Hundred & Sixty Five and Paise Forty Only
663.1	Supplying and fixing CFL 11W, 14W and 18W Choke	10.00	EA	289.46	<b>2894.60</b>	INR Two Thousand Eight Hundred & Ninety Four and Paise Sixty Only
664.1	Supplying and fixing 14/28 watts electronic ballast for T 5 tubelight fitting	10.00	EA	318.49	<b>3184.90</b>	INR Three Thousand One Hundred & Eighty Four and Paise Ninety Only
665.1	Supplying and fixing 14/28 watts Tube light for T 5 fitting	10.00	EA	144.27	<b>1442.70</b>	INR One Thousand Four Hundred & Forty Two and Paise Seventy Only
666.1	Supplying, laying, testing and commissioning of 1100V Grade, PVC Armored AL. Cable, Size :3.5C X 50 sq. mm	10.00	M	732.57	<b>7325.70</b>	INR Seven Thousand Three Hundred & Twenty Five and Paise Seventy Only
667.1	Supplying, laying, testing and commissioning of 1100V Grade, PVC Armored AL. Cable , Size :3.5C X 95 sq.mm	10.00	M	1023.33	<b>10233.30</b>	INR Ten Thousand Two Hundred & Thirty Three and Paise Thirty Only
668.1	Supplying and fixing Metal Clad Plug 20A	10.00	EA	219.77	<b>2197.70</b>	INR Two Thousand One Hundred & Ninety Seven and Paise Seventy Only
669.1	Supplying and fixing Socket for Metal Clad Plug 20A	10.00	EA	231.38	<b>2313.80</b>	INR Two Thousand Three Hundred & Thirteen and Paise Eighty Only
670.1	Installation cost of 25 ltr. Storage type Geyser, 2 KW with nuts & fasteners as required.	10.00	EA	294.43	<b>2944.30</b>	INR Two Thousand Nine Hundred & Forty Four and Paise Thirty Only
671.1	Supplying and fixing Powder coated MS box with 16 Amp socket and top plug and 25/32 Amp MCB for A/C	10.00	EA	1067.33	<b>10673.30</b>	INR Ten Thousand Six Hundred & Seventy Three and Paise Thirty Only
672.1	Providing and fixing Combined box with 15 Amp Switch and Socket including connection	11.00	EA	272.38	<b>2996.18</b>	INR Two Thousand Nine Hundred & Ninety Six and Paise Eighteen Only
673.1	Providing and fixing 5Amp Bed switch including connection	10.00	EA	67.61	<b>676.10</b>	INR Six Hundred & Seventy Six and Paise Ten Only
674.1	Providing and fixing Modular type Regulator for ceiling fan including connection	15.00	EA	613.51	<b>9202.65</b>	INR Nine Thousand Two Hundred & Two and Paise Sixty Five Only
675.1	Providing and fixing DP switch 32 A with neon indicator including connection	15.00	EA	562.41	<b>8436.15</b>	INR Eight Thousand Four Hundred & Thirty Six and Paise Fifteen Only
676.1	Supplying & repairing of 15/25 ltrs. Storage type Geyser, 2 KW with all materials as required.	15.00	EA	2782.92	<b>41743.80</b>	INR Forty One Thousand Seven Hundred & Forty Three and Paise Eighty Only
677.1	Supplying & repairing of 15/25 lts. Storage type geyser, 2KW with Geyser Heating Coil 2KW as required.	10.00	EA	783.09	<b>7830.90</b>	INR Seven Thousand Eight Hundred & Thirty and Paise Ninety Only

678.1	Supplying & repairing of 15/25 lts. Storage type geyser, 2KW with Geyser Thermostate as required.	10.00	EA	310.36	<b>3103.60</b>	INR Three Thousand One Hundred & Three and Paise Sixty Only
679.1	Supplying and fixing LED Tube Light 20 watts,Maxoled (tube) 4' long	10.00	EA	996.65	<b>9966.50</b>	INR Nine Thousand Nine Hundred & Sixty Six and Paise Fifty Only
680.1	Supplying & fixing mirror optic 40w fitting surface 600mmx600mm cool white	10.00	EA	3493.22	<b>34932.20</b>	INR Thirty Four Thousand Nine Hundred & Thirty Two and Paise Twenty Only
681.1	Supplying & fixing 10w ceiling concealed warm/cool light	10.00	EA	1164.00	<b>11640.00</b>	INR Eleven Thousand Six Hundred & Forty Only
<b>Total in Figures</b>					<b>7499992.63</b>	INR Seventy Four Lakh Ninety Nine Thousand Nine Hundred & Ninety Two and Paise Sixty Three Only
<b>Quoted Rate in Figures</b>			<b>Select (+/-)</b>	<b>%</b>		
<b>Quoted Rate in Words</b>						

**Note:**

- i. If the rates of the bidders are above the indicated Schedule of Rates, the bidder should indicate the percentage with (+) sign in the place provided above i.e. if the rates of the bidder are "A%" above the Schedule of Rates, they should mention as "+A" in the place provided above.
- ii. If the rates of the bidder are below the indicated Schedule of Rates, the bidder should indicate the percentage with (-) sign in the place provided above i.e if the rates of the bidder are "A%" below the Schedule of Rates, they should mention as "-A" in the place provided above.
- iii. **The above prices are exclusive of GST. Applicable GST will be paid to the contractor.**
- iv. Price bids will be evaluated on the basis of "**Quoted Rate**" (Exclusive of taxes).
- v. Quoted Rate should be inclusive of packing & freight, transportation cost and any other charges that vendor may incur.
- vi. Bidder should strictly follow the price format. Bid containing price quoted in any other format will be rejected out rightly.
- vii. Price format will cover the complete scope of work/technical specification and bind all the terms & conditions stipulated in the bid document.
- viii. The quantities mentioned in the BOQ/Price format/Price Schedule above are indicative/ estimated and for evaluation purpose only. However, payment will be made on actual consumption basis only.

**Signature of Bidder**

## **E-tendering Instructions to Bidders**

### **General:**

These are the special Instructions (for e-Tendering) as supplement to „Instruction to Bidders“ as available in Annexure-I of the tender document. Submission of Bids only through online process is mandatory for this Tender.

For conducting electronic tendering, Directorate General of Hydrocarbons, Noida is using the **Central Public Procurement Portal (CPPP)**(<http://www.eprocure.gov.in>) of NIC, a Government of India Undertaking.

### **1. Tender Bidding Methodology:**

Sealed Bid System –Two Envelopes.

Financial & Techno-commercial bids shall be submitted by the bidder at the same time.

### **2. Broad outline of activities from Bidders prospective:**

- i) Procure a Digital Signing Certificate (DSC).
- ii) Register on Central Public Procurement Portal (CPPP).
- iii) Create Users and assign roles on CPPP.
- iv) View Notice Inviting Tender (NIT) on CPPP.
- v) Download Official Copy of Tender Documents from CPPP.
- vi) Prepare & arrange all document/paper for submission of bid online/offline.
- vii) Bid-Submission on CPPP.
- viii) Attend Public Online Tender Opening Event (TOE) on CPPP (Opening of Techno-Commercial Part).
- ix) Attend Public Online Tender Opening Event (TOE) on CPPP (Opening of Financial-Part) {only for Technically Responsive Bidders}

### **3. Digital Certificates:**

For participation in e-tendering, it is mandatory for all bidders to have a Digital Certificate (DC) also referred to as Digital Signature Certificate (DSC), of Class 2 or above (in the name of person who will sign the Bid), issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].

### **4. Registration:**

To use the Central Public Procurement Portal (<http://www.eprocure.gov.in>), bidder needs to register on the portal. The bidder should visit the home-page of the portal ([www.eprocure.gov.in](http://www.eprocure.gov.in)) and go to the e-procure link then go to “Online Bidder Enrollment”.

### **5. Bid related information for this Tender (Sealed Bid):**

The entire bid-submission would be online on CPPP (<http://www.eprocure.gov.in>) Broad outline of submission are as follows:

- (I) Submission of Bid Security (EMD).
- (II) Submission of digitally signed copy of Tender Documents/ Addendum/ Corrigendum.
- (III) Two Envelopes.
  - Techno- Commercial Bid
  - Financial Bid

### **6. Offline submissions of some documents:**

It is mandatory for all bidders to submit following documents offline (physically) to HOD (MM), Grd Floor, DGH office, OIIB Bhawan, Sector-73, Noida-201301 on or before the date & time of bids closing as specified in NIT of this tender document, in a properly sealed envelope:

- (I) DD/ Bid Bond (In Original) for EMD (Bid Security).
- (II) Power of Attorney (in Original) for authorized signatory of bid.
- (III) Any other document, if specified, in the tender.

The envelope shall bear the name of the firm, tender number, name of work and the phrase – Do Not Open Before (Due date & time of opening of tender) –

**Note:**

- A. The responsibility for ensuring that envelope is delivered in time would be vested with the bidder. The DGH shall not be responsible if the envelope is delivered elsewhere or late.
- B. Document submitted physically to DGH and the scanned copies furnished at the time of online bid submission should be the same otherwise the bid will be summarily rejected.

**7. Other Instructions:**

For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the CPPP.

The bidder should visit the home-page of the CPP portal ([www.eprocure.gov.in](http://www.eprocure.gov.in)), and go to the link “e-procure”, then “Bidders Manual Kit” and “Help for Contractors” link.

- (I) Please take care to scan documents that total size of documents to be uploaded remains minimum. If required, documents may be scanned at lower resolutions say at 150 dpi. However, it shall be sole responsibility of bidder that the uploaded documents remain legible.
- (II) Utmost care may be taken to name the files/documents to be uploaded on CPPP. These should be no special character or space in the name of file.
- (III) It is advised that all the documents to be submitted (See Appendix-8 at Annexure-I of tender document) are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission.
- (IV) Utmost care may kindly be taken to upload **Price schedule/ Price Format / BOQ/ BOM**. Any change in the format of price schedule / BOQ file shall render it unfit for bidding. Following steps may be followed:
  - a. Download Price schedule /Price format/ BOM/ BOQ in XLS format.
  - b. Fill rates in downloaded price schedule / BOQ as specified in XLS format only in sky blue back ground cells. Don't fill in white back ground cells.
  - c. BOQ/BOM file is password protected XLS file. Don't unprotect the file. Price has to be filled in the same file and the same has to be uploaded.
  - d. Save filled copy of downloaded BOM/BOQ file in your computer and remember its name & location for uploading correct file (duly filled in) when required.
- (V) The compatible support software (PDF Converter, Java, etc.) for online bid submission may be downloaded from CPP Portal.
- (VI) If some document is not applicable for the bidder then he has to upload scanned copy of paper mentioning, The document <name> called vide clause \_\_\_\_\_ is not applicable on us.
- (VII) If document asked for contains more than one page then all those pages may be uploaded in one PDF file.

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