

TWO-BID Open e –TENDER

Hindustan Urvarak & Rasayan Limited, Sindri,(hereinafter referred as HURL or Owner or Client) invites electronic online bids (e Tender) through HURL web site www.hurl.net.in (for ref. only) and CPP web site <https://eprocure.gov.in/eprocure/app> under Two Bid system (Part I :Techno commercial bid & Part II: Price Bid or BOQ) from bonafide and experienced bidders with sound technical and financial standing and capabilities & fulfilling the qualifying requirement for the tendered job as given in the NIT.

HURL, Sindri request bidders to quote in line with tender documents uploaded (refer attached Index) & submit the offer on our e-portal <https://eprocure.gov.in/eprocure/app>.

Upload of Tender: Tenderers are advised to download Notice Inviting Tender along with other tender documents and submit the declarations and tender documents along with clear scanned copies of requisite documents to substantiate the claim towards their credentials while the tender shall be submitted online in soft copy on our e-tendering portal.

All interested bidders have to submit Techno Commercial Bid (Part I) & Price Bid (BOQ) (Part II) strictly in the tender format available online on e-portal. No other form of bid shall be accepted and the tender shall be summarily rejected. **Bids shall be digitally signed and uploaded by someone legally authorized and competent on behalf of his firm / company i.e Bidder and relevant documents w.r.t. the same to be uploaded along with the bid by the bidders. The Power Of Attorney of such person needs to be furnished along with bid.**

Earnest Money Deposit has to be submitted as per NIT /Tender instructions before the due date and time of tender techno commercial bid opening, failing which the bid shall be liable for rejection.

For & on behalf of
HURL, Sindri

Manager, Contracts

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SECTION – I : NOTICE INVITING TENDER (NIT)

1. Online bids are invited on two bid system for **“Annual Civil Repair & Maintenance works at HURL, Sindri Project” Tender No.: HURL/Sindri/C&M/21-22/1596 Dated 10-02-2022**. Manual bids shall not be accepted.
2. Tender documents may be downloaded from HURL web site www.hurl.net.in (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule as given in CRITICAL DATE as in Point no. 4 of NIT.
3. Type of Tender: Open Tender – Two bid – Percentage Rate
4. **Critical Date Sheet:**

Published Date	Refer CPP Portal
Bid Document Download / Sale Start Date	Refer CPP Portal
Bid Submission Start Date	Refer CPP Portal
Bid Document Download / Sale End Date	Refer CPP Portal
Bid Submission End Date	Refer CPP Portal
Bid Opening Date	Refer CPP Portal

5.0 Qualifying Requirements / Pre-Qualification Criteria (PQC)

Following are the Qualifying Requirements / Pre-Qualification Criteria (PQC) for the subject package for technical evaluation:

- 5.1 BIDDER must have satisfactorily completed the similar works* mentioned below during last 07 (Seven) years ending last day of the month previous to the one on which NIT is invited i.e. 31-01-2022 and shall meet either of followings work order criteria (Value excluding GST) mentioned below,:

One completed work with executed value (Exclusive of GST) not less than INR 151 Lakhs
OR

Two completed works each with executed value (Exclusive of GST) not less than INR 94.4 Lakhs
OR

Three completed works each with executed value (Exclusive of GST) not less than INR 75.5 Lakhs

***Similar nature of works means:** The bidder shall have experience in the similar field of civil maintenance or repairs of residential premises including residential quarters and/or plant area

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in the Government Sector or large reputed Private Sector Enterprises.

Note 1- For above, job executed by bidder for its own plant / project cannot be considered as experience for the purpose of technical criteria evaluation. However, jobs executed for Subsidiary / Fellow subsidiary / Holding company will be considered as experience for the purpose of technical criteria evaluation subject to submission of tax paid invoice (s) duly certified by Statutory Auditor of the Bidder towards payments of statutory tax in support of the job executed for Subsidiary / Fellow subsidiary / Holding company.

Note 2 - In case of bidder is submitting the work order/contracts of minimum value as mentioned in above table citing working experience in multiple/various services, then only the work experience of such services falling under the broadly classified category defined in similar works would be considered for the purpose of meeting evaluation criteria.

Note 3 - In case of running contracts, if the contract value executed till last day of the month previous to the one on which NIT is invited i.e. 31-01-2022 is equal to or more than minimum prescribed value as mentioned above, such experience will also be taken into consideration provided that the bidder has submitted satisfactory work execution certificate to this effect issued by end user/owner.

As a documentary proof, the bidder shall submit signed and stamped copies of the following documents in technical bid-

- 5.1.1 Copy of Work Orders performed in last 7 years with full technical details including detailed Scope of the Work, **BOQ**, Contract value and Completion Period.
- 5.1.2 Completion/Acceptance Certificate from End User/OWNER regarding satisfactory completion indicating the period of completion. The Completion / Acceptance Certificate shall clearly indicate LOI / Work Order no., Name of Work, Executed work value, Service Tax/GST, Contract period and actual Date of Completion. Completion certificate for works issued by a private organization shall be supported by **Form 26AS / TDS certificates**.
 - 5.1.2.1 Wherever executed value is not mentioned in the completion certificate, the copy of certified bills with service tax/GST details as applicable / Separate certificate from respective client (WO issuing company /Engineer In Charge) regarding executed value with service tax/GST details, date of completion etc., shall also be accepted towards fulfillment of Pre-Qualification criteria (PQC) 5.1, if same is submitted along with completion certificate.
 - 5.1.2.2 Completion certificate submitted by the bidders shall have clarity with respect to whether service tax/GST is included/excluded in the executed value of the completed job, towards fulfillment of PQC 5.1 and same shall be ensured by the bidders by submitting proper and relevant documents as required (e.g. separate certificate from respective client regarding service tax/GST) along with completion certificate.
 - 5.1.2.3 If no clear documents as mentioned above regarding service tax/GST component included/extra/not applicable with respect to the executed value of the job mentioned in completion certificate is submitted by the bidder & In case Service tax/GST amount /

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component is also not specified in the submitted completion certificate, then the amount equivalent to rate of applicable service tax/GST as considered by HURL for the subject tender shall be deducted from the value of completed job mentioned in the completion certificate to arrive at the value of the completed job without service tax/GST.

5.1.2.4 Similar ARC (Annual Rate Contract) Jobs that has been successfully completed by the bidder for the originally awarded period shall be considered as completed works even though such ARC is under execution on account of extension. However original term completion should be within the period as indicated in above PQC. Bidder to submit the relevant document along with bid certifying satisfactory completion of the job, executed value of the job and completion date for original period of contract, along with letter of extension of contract, certified by WO issuing company /Engineer In Charge.

5.1.2.5 In case of sub contract orders, credential as sub-contractor for above PQC shall be considered only when such work orders for sub contract has been issued with approval or written permission of end user/owner/consultant of the owner of the contract from the scope of work of which contractor under the contract has sub contracted a part of or entire work under such work order. In this regard, the bidder has to submit a certificate from the end user/owner/consultant of the owner stating that the main contractor has intimated them about the engagement of sub-contracting OR have been allowed/ permitted as a sub-contractor. Based on such Sub contracted portion of the job actually executed by the bidder as subcontractor, PQC evaluation shall be done i.e. In case only part job is subcontracted, similar job & executed value etc for the part job only shall be considered for PQC and not the full job.

5.1.3 Similar work experience documents submitted in technical bid shall only be considered for technical bid evaluation. Any shortfall document related to submitted similar work experience in technical bid, if asked by HURL (As per clause 25 of ITB, Section -II of tender document) and submitted by the bidder as per given timeline shall be considered as part of technical bid.

Note- Any other/new work experience submitted by the bidder through mail / hard copy submission / by post / added through shortfall document submission shall not be considered for Technical bid evaluation.

5.2 Average Annual financial turnover during last three (03) financial years of the bidder should be at least INR 56.6 Lakhs. For evaluation of same, Bidder shall submit followings,

- Audited Annual Statements (Balance Sheet and Profit & Loss account) of the company for last three (3) financial years i.e. 2018-19, 2019-20 and 2020-21. Audited annual statement shall be certified by CA with membership number.

Or,

- Certificate issued by Chartered Accountants or statutory auditors of the bidding entity certifying the Annual Turnover for the Three preceding financial years i.e., 2018-19, 2019-20 & 2020-21

Note - Other income shall not be considered for arriving at annual turnover.

5.3 The bidder shall have valid company registration, PAN card issued by Income Tax department, registration with EPF Organization and Valid GSTIN registration. As a documentary proof of same, the bidder shall submit signed, stamped and scanned copy of

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Certificates like valid GSTIN Registration certificate (GSTIN status shall be shown as active on GST portal.), registration with EPF Organization, PAN card issued by Income Tax Department.

The bidder shall submit following details also in technical bid as applicable,

- i) **For Proprietorship firm** - Name of the proprietor to be mentioned. The bidder shall submit copy of Affidavit of proprietorship in original duly notarized (Latest).
- ii) **For partnership firms** – The bidder shall submit copy of Affidavit in originals duly notarized, confirming the current status of the firm along with names of the partners or Copy of partnership deed duly notarized (latest) to be submitted
- iii) **For limited companies**– The bidder shall submit copy of notarized copy of Memorandum and Articles of Association and list of directors.

6.0 Evaluation of Bids:

6.1 Bids shall be scrutinized in terms of the provisions of the bidding documents. Full compliance to the complete provisions of the Bidding Documents and its subsequent Amendment(s) / Clarification(s) / Addenda / Errata if any, issued by the HURL shall be checked. Failure to comply with this requirement, the bid shall be rejected.

6.2 Technical and commercial bids shall be evaluated only for those bidders, whose EMD is found to be in order as per NIT requirement. EMD submitted by bidder will be reviewed against its value, validity and issuing bank as per NIT requirement. If the EMD is not found in order with respect to NIT requirement, the bids may be rejected.

6.3 The PRICE BID shall be opened only of those bidders whose bids are found to be technically and commercially substantially responsive.

6.4 A substantially responsive Bid is one which conforms to all the terms, conditions and specifications of the Bidding Documents without material deviations or reservations or omissions for this purpose Owner defines the foregoing terms below:-

- (a) "Deviation" is departure from the requirement specified in the tender documents.
- (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirement in the tender documents.
- (c) "Omission" is the failure to submit part or all of the information or documentation required in the tender document.

6.5 The subject work is indivisible / non-splitable and complete work shall be awarded to successful overall lowest bidder. The financial comparison for selection of Lowest (L-1) Bidder / Contractor shall be done based on the total derived price of all the items mentioned in BOQ/SOR Part- A & Part-B after arithmetical correction of errors (if any). The aggregate of quoted amount for all items of BOQ (Items as mentioned in SOR part-A & SOR part-B) will be worked out as total derived price, shall be considered for evaluation and award.

6.6 The Owner will award the Contract to the successful Bidder whose Technical and Commercial bid has been determined to be substantially responsive and Price Bid to be the lowest evaluated Bid.

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6.7 In case tie between two or more bidders at L-1 position, the sole criterion for determining the L1 bidder among them shall be on the basis of evaluated Average Annual financial Turn Over of last three (03) financial years as per Pre-Qualification criteria (PQC) 5.2 of tender document. Bidder having the highest average annual financial turnover as per evaluation of Pre-Qualification criteria (PQC) 5.2 will be considered as L1 bidder.

6.8 The unit price of each item mentioned in BOQ/SOR Part-A shall be derived after multiplying a factor (Bidder quote factor calculated as per below calculation) with estimated amount of unit rate for each item indicated in BOQ/SOR Part-A.

Bidder quote factor = $1 \pm (\text{Quoted rate in Percentage} / 100)$

“+” to be considered If bidder quotes Excess(+).

“-” to be considered if bidder quotes Less(-).

For Example- If bidder quotes Excess (+) 10% then bidder quote factor will be 1.1. Similarly, If bidder quotes Less (-) 10% then bidder quote factor will be 0.9.

6.9 Bidder shall not quote negative Contractor service charges for manpower services for item mentioned in SOR Part-B. Contractor Service charges in % on manpower services for item mentioned in each part of SOR Part-b shall be same as quoted percentage rate by the bidder for each individual part of SOR part-B in price bid.

For Example- If bidder quotes Excess (+) 10% then contractor service charges in % on manpower services will be 10%.

6.10 In case of Abnormally Low Bid the Bidder may be asked for written clarifications, including detailed price analyses of its bid price in relation to scope, schedule, allocation of risks and responsibilities, and any other requirements of the bid documents. If, after evaluating the price analysis, the Owner determines that the bidder has substantially failed to demonstrate its capability to deliver the contract at the offered price, the Procuring Entity may reject the bid/ proposal.

6.11 The selected Agency shall have to execute an Agreement on Non-judicial stamp paper of worth ₹100/- (Rupees one hundred only) at their own cost, within a period of 7 days from the date of receipt of the Work Order.

7.0 Bid Submission:

Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>. Tenderer/Contractor is advised to follow the instructions provided for online submission of bids. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. Any bid document submitted through mail or Hard copy submission shall not be considered in bid evaluation.

8.0 Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e when one or more

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partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

9.0 Tenderer who has downloaded the tender from the HURL website www.hurl.net.in and Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app>, <https://eprocure.gov.in/epublish/app> shall not tamper/modify the tender form including downloaded price bid template in any manner. In case the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with HURL.

10.0 Intending tenderers are advised to visit again HURL web site www.hurl.net.in and CPPP website <https://eprocure.gov.in/eprocure/app> regularly till closing date of submission of tender for any corrigendum / addendum/ amendment.

11.0 EMD Payment: Earnest Money Deposit is to be deposited **electronically by ECS/ RTGS/NEFT** in the account of “**Hindustan Urvarak and Rasayan Limited, payable at Delhi**” at the below mentioned details. Bidders are required to submit the details of EMD payment at the time of Bid Preparation.

BANK Details for EMD Payment through ECS/NEFT/RTGS:

Bank Name – State Bank of India

IFS CODE: SBIN0004803, Account No: 38387231141.

12.0 EMD value: **Rs. 3,77,300.00** (Rupees Three Lakhs Seventy Seven Thousand Three Hundred only).

13.0 Price Bid Validity date 120 days from the date of opening of Techno-Commercial bids.

14.0 Micro and Small Enterprises (MSEs) shall be exempted from paying Earnest Money Deposit.

MSEs seeking exemption and benefits should enclose/upload in e-tender portal an attested/self-certified copy of following registration certificate as a part of his bid, failing which they run the risk of their bid being passed over as ineligible for the benefits applicable to MSEs.

i) Ministry of MSME vide Gazette notification no. CG-DL-E-26062020-220191 dated 26.06.2020 had notified certain criteria for classifying the enterprises as Micro, Small and Medium Enterprises and specified, form and procedure for filing the memorandum (Udyam Registration) w.e.f. 01.07.2020 (for complete details of policy refer website of Ministry of MSME i.e. <https://msme.gov.in/>) Accordingly, Micro and Small Enterprises (MSEs) shall be required to submit Udyam Registration Certificate for availing benefit under Public Procurement Policy for MSEs- 2012

ii) An enterprise registered prior to 30.06.2020 and who is not re-registered with Udyam Registration, shall continue to be valid for a period up to 31.12.2021. Such enterprise shall submit EM Part-II or Udyog Aadhaar Memorandum (UAM) for availing benefits of PPP-

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2012.

- 15.0 Bids will be opened as per date/time as mentioned in the Tender Critical Date Sheet. After online opening of Technical-Bid, the results of their qualification as well as the date of Price-Bid opening will be intimated later.

16.0 **LOCAL CONDITIONS :**

16.1 It will be imperative on each Bidder to fully make aware himself of all local conditions and factors which may have any effect on the execution of the works covered under these specifications and documents. Bidder shall inspect the site, examine and obtain at its cost and responsibility, all information required and satisfy himself regarding all matters and things such as access to site, communications, transport, right of way, the type and number of equipment and facilities required for the work, availability of local labor, materials and their rates, local working conditions, weather, flood levels, sub-soil conditions, natural drainage, and all information that may be necessary for preparing its Bid, performance of work and other obligations and related matters. By submitting the Bid the Bidder shall be deemed to have acknowledged and agreed that ignorance of the site and other said conditions shall not be basis for any claim for compensation or extension of time or loss of profits etc. and the OWNER shall not be liable on account thereof in any manner whatsoever to the Bidder or any person claiming through or under the Bidder.

16.2 Bidders must before submission of their Bids, acquaint themselves with all applicable regulatory and other legal requirements pertaining to insurance and health, safety and environment requirement at Sindri, Dhanbad, Jharkhand and rules related to work permit and visa requirements Sindri, Dhanbad, Jharkhand or in any way or manner affecting the performance of Scope of Work, the Contractor and the Plant operation and performance including social security, safety, pollution control, permits, licenses, and other statutory requirements and regulations. The submission of a Bid by the Bidder will be construed as evidence that such an examination was made and the Bidder shall not raise at any time later any claims/disputes against the OWNER and the OWNER shall not be liable for the same in any manner whatsoever.

- 17.0 Bidders are required to carefully go through the entire tender document including scope of work, GCC, SCC and SOR before quote. Bidders should contact HURL in case of any query in tender document before bid submission. Once the bid submitted, HURL will assume that the bidder has understood all the aspects of tender document works and submitted bid accordingly.

- 18.0 HURL reserves the right to reject any or all the bids without assigning any reason whatsoever and does not bind itself to accept the lowest or any other bid. The bids which are incomplete in any respect are liable to be rejected. HURL is at liberty to take any of the following actions in case of this NIT:

- a) To cancel the tender without reference to the bidders.
- b) To postpone the due date and time.

- 19.0 Bidders shall not be entitled to claim any costs, charges, expenses or incidentals for or in connection with the preparation and submission of their bids even though HURL may withdraw the enquiry/tender or reject all bids.

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- 20.0 **SITE VISIT:** If needed, the bidder and his authorized personnel will be granted permission by BUH / General manager, HURL Sindri Project to enter upon HURL Sindri project premises and may visit the site before quoting their rates.
- 21.0 HURL reserves the rights to assess bidder's capability and capacity to perform the contract.
- 22.0 To know more about HURL, please visit our website www.hurl.net.in
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SECTION – II : INSTRUCTIONS TO BIDDERS (ITB)

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1.0	Introduction	<p>Hindustan Urvarak & Rasayan Limited (HURL) is a joint venture company of Coal India Limited (CIL), NTPC Limited (NTPC) and Indian Oil Corporation Limited (IOCL) as the lead promoters with Fertilizer Corporation of India Limited (FCIL) and Hindustan Fertilizer Corporation Limited (HFCL) as other two partners.</p> <p>HURL referred to herein as ‘the Owner’, intends to engage an agency for supply of Goods & related Services or Services as per specifications, Scope of Work as detailed in the Bidding documents.</p>														
2.0	General Information	<p>The prospective Bidders are invited to submit a “Technical & Commercial Bid” and “Price Bid” for the package. Methodology for submission of Bid has been detailed hereunder in this document.</p> <p>Applicability of Reverse Auction may be seen on the CPP website / NIT.</p>														
3.0	Content of Bidding Documents	<p>The items and/or services required, bidding procedures, order/contract terms and technical requirements are prescribed in the bidding documents/Bidding Documents.</p> <p>The bidding documents include the following sections:</p> <table><tr><td>Section-I</td><td>Notice Inviting Tender (NIT)/Tender Enquiry/Invitation for Bid (IFB)</td></tr><tr><td>Section-II</td><td>Instruction to bidder (ITB)</td></tr><tr><td>Section-III</td><td>General Conditions of Contract (GCC)</td></tr><tr><td>Section-IV</td><td>Scope of work & Technical specifications</td></tr><tr><td>Section-V</td><td>Standard Conditions of Contract (SCC) And Other Terms and Conditions</td></tr><tr><td>Section-VI</td><td>SCHEDULE OF RATES (SOR) AND BOQ</td></tr><tr><td>Section-VII</td><td>Forms and Procedures</td></tr></table> <p>The Bidder is expected to examine all instructions, forms, terms, conditions, specifications and other information in the bidding documents. Failure to furnish all information required as per the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in rejection of its bid.</p>	Section-I	Notice Inviting Tender (NIT)/Tender Enquiry/Invitation for Bid (IFB)	Section-II	Instruction to bidder (ITB)	Section-III	General Conditions of Contract (GCC)	Section-IV	Scope of work & Technical specifications	Section-V	Standard Conditions of Contract (SCC) And Other Terms and Conditions	Section-VI	SCHEDULE OF RATES (SOR) AND BOQ	Section-VII	Forms and Procedures
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4.0	Benefits To MSEs	<p>Micro and Small Enterprises (MSEs) shall be exempted from paying Earnest Money Deposit. Details of same are mentioned in clause 14.0 of NIT.</p>														
5.0	Cost of Bidding	<p>The Bidder shall bear all costs associated with the preparation and submission of its bid and the Owner will in no case be responsible or liable</p>														

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		for these costs, regardless of the conduct or outcome of the bidding process.
6.0	Clarification on Bidding Documents	<p>A prospective Bidder requiring any clarification of the Bidding Document shall put the query under Clarification tab of the on-line bid at least three days prior to the clarification end date. OWNER will respond to any request for clarification or modification of the bidding documents that it receives within the time line specified.</p> <p>OWNER will post the Clarifications under Clarification tab at e-tender i.e., CPP website. Bidders can view these clarifications.</p> <p>Bidders are advised to regularly check under Clarification tab regarding posting of clarification, if any.</p> <p>Bidders must check the Clarifications issued before submission of Bid. Should the Owner deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so and upload the amendments in the tender on the e-tender portal.</p>
7.0	Corrigendum/ Amendment to Bidding Documents	<p>At any time prior to the deadline for submission of bids, OWNER may, for any reason, whether at its own initiative, or in response to a clarification requested by a prospective Bidder, amend the bidding documents.</p> <p>The corrigendum's/amendment's will be posted in the tender on the e-tender portal for viewing by the Bidder. The amendments will be binding on Bidders and it will be assumed that the information contained therein will have been taken into account by the Bidder in its bid. Bidders are advised to regularly check the tender regarding posting of Amendments, if any.</p> <p>To give prospective Bidders reasonable time to take the corrigendum/amendment into account in preparing their bid, OWNER may, at its discretion, extend the deadline for the submission of bids.</p>
8.0	Language of Bid	The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Owner, shall be written in English language. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English. In such case for purposes of interpretation of the Bid such translation shall govern.
9.0	Bid Proposal	<p>Bid shall be complete in all respects and shall be submitted with requisite information and Attachments. It shall be free from any ambiguity.</p> <p>For preparation of Bids, Bidders are expected to go through the complete bidding documents carefully. Material deficiencies in providing the information requested may result in rejection of the Bid.</p>
10.0	Documents Comprising	<p>The Bid shall comprise of following components:</p> <p>Technical Bid:</p>

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	g the Bid	<p>The following documents are to be furnished by the Bidder as part of the Technical Bid:</p> <ol style="list-style-type: none"> I. Power of Attorney as per requirement mentioned in NIT. II. Signed, Stamped and Scanned copy of proof for payment of Earnest Money Deposit (EMD) / MSE Certificate for exemption. III. Similar work experience Documents as required in accordance with Clause 5.1 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document IV. Audited Annual Statements (Balance Sheet and Profit & Loss account statements) in accordance with Clause 5.2 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document V. Signed, Stamped and Scanned copy of Company Registration certificate, GSTIN Registration, PAN Card, EPF Registration and other documents in accordance with Clause 5.3 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document VI. Signed, Stamped and Scanned copy of last three financial year ITR VII. Signed, Stamped and Completely filled with required details in Annexure-1 and Annexure-2 in Forms and Procedures i.e., Section VII. VIII. Signed, Stamped and Scanned copy of Format for Electronics Payment (Enclosed as Annexure-3 to Forms and Procedures i.e., Section VII) IX. Signed, Stamped and Scanned copy of Declaration on company letter head as specified in Annexure-4 in Forms and Procedures i.e., Section VII. X. Signed, Stamped and Scanned copy of Tender Acceptance Letter as as specified in Annexure-5 in Forms and Procedures i.e., Section VII. XI. Signed, Stamped and Scanned copy of No deviation Certificate as specified in Annexure-6 in Forms and Procedures i.e., Section VII. XII. Signed, Stamped and Scanned copy of Certificate from CEO/MD/ Legally Authorized Signatory, in the format as enclosed as Annexure-7 to Forms and Procedures i.e., Section VII to Bidding Document shall be furnished certifying that the data and documents furnished by them in respect of Techno-Commercial Evaluation are true and correct including the contents thereof. However, if at any point of time the declarations given in bid are found to be incorrect, HURL shall have the full right to terminate the contract and take any action as per provisions of contract including forfeiture of EMD/Security Deposit. Stamped & Scanned copy of format For Electronics Payment as per Annexure-E XIII. Acceptance to Fraud Prevention Policy of HURL, for which the bidder has to submit Signed, Stamped and Scanned copy of Form of Acceptance of Fraud Prevention Policy of HURL. (Enclosed as Annexure-8 to Forms and Procedures i.e., Section VII).
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		<p>XIV. Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India" i.e. (Enclosed as Annexure-9 to Forms and Procedures i.e., Section VII).</p> <p>XV. Documents in compliance to Scope of Work and Technical Specifications Any other document asked for in the Bidding Documents.</p> <p>XVI. Any Other Document asked for in the Bidding Document</p> <p>Price Bid:</p> <p>The Price bid is to be submitted in the BOQ provided in the Tender at https://eprocure.gov.in/eprocure/app.</p> <p>Bidders are advised to fill the BOQ and upload the same on the portal. Bidder should not tamper/modify download price bid template. In case if the same is found to be tampered / modified in any manner, bid will be rejected and EMD would be forfeited and Bidder is liable to be banned from doing business with HURL for a period of 2 years.</p>
11.0	Bid Prices	<p>Bidders shall quote such that the bid price covers all the Supplier's obligations mentioned in or to be reasonably inferred from the bidding documents including all requirements in accordance with the requirements of the Technical Specifications & Scope of Work. Bidders are required to quote the price for the commercial, contractual and technical obligations outlined in the bidding documents.</p> <p>Bidders shall give a breakdown of the prices in the manner and detail called for in the Bill of Quantity (BOQ).</p>
12.0	Price Basis	Bidders are required to quote price on the price basis as per Scope of Work / stipulated in the SCC.
13.0	Bid Currencies	All prices to be quoted by the bidders will be in Indian Rupees only, unless otherwise mentioned in the Special Conditions of Contract, on FIRM price basis and to remain valid during the currency of the Contract.
14.0	<p>EARNEST MONEY DEPOSIT (EMD) / BID SECURITY / GUARANTEE:</p> <p>EMD Payment: Earnest Money Deposit is to be deposited <u>electronically by ECS/RTGS/NEFT</u> in the account of "Hindustan Urvarak and Rasayan Limited, payable at Delhi" at the below mentioned details. Bidders are required to submit the details of EMD payment at the time of Bid Preparation.</p> <p>BANK Details for EMD Payment through ECS/NEFT/RTGS:</p> <p>Bank Name – State Bank of India</p> <p>IFS CODE: SBIN0004803, Account No: 38387231141.</p> <p>i. Any bid not accompanied by an acceptable Earnest Money Deposit in accordance with the aforesaid provisions shall be rejected by the Owner as being non-responsive and shall be rejected without being opened.</p>	

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- ii. The Earnest Money Deposit shall be forfeited in any of the following circumstances without any notice or proof of damage to the Owner:
 - a) If the Bidder withdraws or varies its bid during the period of Bid validity.
 - b) If the Bidder does not accept the Arithmetical correction of its Bid Price
 - c) If the Bidder refuses to withdraw, without any cost to the Owner, any deviation, variation, additional condition or any other mention anywhere in the bid, contrary to the provisions of bidding documents;
 - d) In the case of a successful Bidder, if the Bidder fails, within the time limit,
 - (i) to sign the Contract Agreement
 - (ii) to furnish the required Security Deposit
 - e) If the bidder / his representatives commit any fraud while competing for this contract pursuant to Fraud Prevention Policy of HURL.
 - f) if the Bidder withdraws/ amends, impairs and derogates from the tender.
 - iii. No interest will be payable by the Owner on the said amount covered under Earnest Money Deposit.
 - iv. EMD shall be refunded to all the unsuccessful Bidder within thirty days of acceptance of work order by the successful Bidders and no interest shall be payable thereon. However, the bidder will have to apply in writing for refund of EMD along with one cancelled cheque. EMD of the bidders whose price are not considered to be opened, shall be released/refunded at the earliest but not later than thirty days beyond the award of the subject work.
 - V. EMD of successful bidder shall be converted into security deposit. The same will be part of security deposit amount as mentioned in next GCC clause 15.0 and no interest shall be payable thereon.
- Bidders are required to upload Signed, Stamped and Scanned copy of the Certificate as part of Technical Bid, failing to which their bids are liable for rejection.**
- Price Bids shall be opened only of those bidder(s) whose EMD shall be found as per the requirement of the bidding documents.
- Exemption from submission of EMD:**
 Micro and Small Enterprises (MSEs) bidders are exempted from submission of EMD as per provisions at clause 4.0 above.
- MSE bidders seeking benefits of MSE as specified in the Bidding Documents, must submit Attested/Self attested copy of MSE certificate failing which no benefit of MSE shall be extended.

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15.0	Security Deposit / Performance Security / Performance Bank Guarantee (PBG)	<ol style="list-style-type: none"> 1. EMD of successful bidder will be converted to Security Deposit after award of contract. Successful Bidders who are exempted from submission of EMD on account of MSME, shall have to deposit security deposit equivalent to EMD amount i.e. Rs. 3,77,300.00 (Rupees Three Lakhs Seventy Seven Thousand Three Hundred only) before award of contract/Work Order. 2. Within thirty (30) days of the receipt of Purchase Order/Service Order from the Owner, the contractor shall furnish the Contract Performance Guarantee (CPG), if applicable, for the due performance of the Contract for the amount equivalent to “ten percent (10%) of the Contract Price less security deposit amount as submitted against above point 1” i.e. in this case, it will be “10% of contract price – Rs. 3,77,300” with an initial validity up to ninety (90) days beyond the completion date for work plus defect liability period (if any), for due performance of the Contract(s)/Order(s) in any form acceptable to the Owner as mentioned below. <p>Performance Security / Performance Bank Guarantee (PBG) may be submitted in any of the following forms:</p> <ul style="list-style-type: none"> • electronically by RTGS in the account of HURL details of which are given in bidding document or • in the form of Demand Draft in favour of Hindustan Urvarak & Rasayan Limited, Payable at New Delhi. or • in the form of an irrevocable bank guarantee in accordance with the form of included in the bidding documents (Annexure 9 of Section VI (Forms and Procedures)) from any Nationalized bank / Scheduled Bank recognised by Reserve Bank of India. <p>Failure of the supplier to submit the above-mentioned Performance Security / Performance Bank Guarantee (PBG) shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security / Security deposit submitted before award of work.</p> <p>No interest shall be payable by the Owner to the Contractor against the Security Deposit furnished.</p> <p>Performance Security shall be returned after Certification of completion of work and Defect Liability period (if any) by EIC. However, the contractor will have to apply in writing, for refund of the same.</p> <ol style="list-style-type: none"> 3. HURL reserves the right to forfeit the security deposit/PBG if the Contractor fails or neglects to take up the job, abide by to fulfil the terms and conditions of the contract and/or to execute the work satisfactorily.
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16.0	Confirmation of BGs through Structured Financial Messaging System (SFMS)/SWIFT	While issuing the physical BGs, the Bidder's Bank shall also send electronic message through secure SFMS (in case of BGs issued from within India) or SWIFT (in case of BGs issued from outside India) to Owner's Beneficiary Bank whose details are provided in the Special Purchase Conditions.
17.0	Ineligibility For Future Tenders	<p>Notwithstanding the provisions regarding forfeiture of Earnest Money Deposit specified above, if a bidder after having been issued the Purchase Order/Contract, either does not accept the Purchase Order/Contract or does not submit an acceptable Performance Security and which results in tender being annulled then such bidder shall be treated ineligible for participation in re-tendering of the particular package.</p> <p>If a bidder after opening of tenders where EMD is 'NIL/Not applicable' or exempted for bidders as per policy guidelines, withdraws its offer within the validity period of the offer, then such bidder shall be treated as ineligible for participation in the future tenders issued from HURL for a period of 6 months from the date of withdrawal of the bid.</p> <p>If a bidder after having been issued the Notification of Award/Purchase Order of a package where EMD is 'NIL/Not applicable' or exempted for bidder as per policy guidelines, either does not accept the Notification of Award/Purchase Order or does not submit an acceptable Performance Security pursuant to ITB Clause titled 'Performance Security', and which result in tender being annulled then such bidder shall be treated ineligible for participation in re-tendering of this particular package.</p>
18.0	Period of Validity of Bids (Techno-Commercial Bid and Price Bid)	<p>Bids shall remain valid for a period of 120 days from the closing date prescribed by OWNER for the receipt of bids, unless otherwise specified in Special Conditions of Contract (SCC). A bid valid for a shorter period shall be rejected by OWNER as being non-responsive.</p> <p>In exceptional circumstances, OWNER may solicit the Bidder's consent to an extension of the bid validity period. The request and responses thereto shall be made in writing by post or email or by telefax followed by post confirmation. If a Bidder accepts to extend the period of bid validity, the validity of Earnest Money Deposit shall also be suitably extended. A Bidder may refuse the request without forfeiting its Earnest Money Deposit. A Bidder granting the request will not be required nor permitted to modify its bid.</p>
19.0	Nil Deviation	No deviation, whatsoever, is permitted by OWNER to any provision of Bidding Documents. The Bidders are advised that while making their Bids and quoting prices, all conditions are appropriately taken into consideration. Bidders shall certify their compliance to the complete

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		<p>Bidding Documents as per Certificate at Annexure-6 of Section VII (Forms and Procedures).</p> <p>In case the Products and/or Services offered do not meet the Technical requirements, the bid shall be rejected as Technically non-responsive.</p> <p>Bidders may note that in case the Bidder refuses to withdraw additional conditions/deviations/variations/exception, implicit or explicit, found anywhere in the techno-commercial bid, the bid shall be rejected as Technically non-responsive.</p> <p>Bidders may also note that any deviation/variation in any form in the Price Bid shall result in forfeiture of EMD.</p>
20.0	Format and Signing of Bid	<p>The bid including all documents uploaded in the on-line bid shall be digitally certified by a duly authorised representative of the Bidder to bind him to the contract using Class II or Class-III digital signature (in the name of designated individual with Organisation name). The Digital Signature shall be as per Indian IT Act from the licensed Certifying Authorities (CA) operating under the Root Certifying Authority of India (RCAI) namely Controller of Certifying Authorities (CCA) of India.</p> <p>An authorisation letter/power of attorney indicating that the person signing the bid has the authority to sign the bid is to be submitted in Physical form and copy uploaded as part of the Techno-commercial Bid.</p>
21.0	Submission of Bids	Bid shall be submitted through e-tender mode in the manner specified elsewhere in bidding document. No Manual/ Hard Copy of the Bid shall be acceptable except those asked for in Physical form.
21.1	PHYSICAL BID	No Physical Bid Submission is required.
21.2	ON-LINE	<p>Bid along with all the documents should be submitted in the electronic form only through e-Tendering system.</p> <p>Any revision or amendment in bid shall be possible only up to the due date and time of submission of tender.</p>
21.2.1	Techno-Commercial Bid	
(A)	COVER TYPE – FEE	MSEs seeking exemption and benefits should enclose/upload in e-tender portal a attested/self-certified copy of registration certificate as a part of his bid, failing which they run the risk of their bid being passed over as ineligible for the benefits applicable to MSEs.

(B)	COVER TYPE – TECHNICAL	<p>The bidders shall upload documents in compliance to the Bidding Documents.</p> <p>The following documents are to be furnished by the Bidder as part of the Technical Bid:</p> <ul style="list-style-type: none"> a) Power of Attorney as per requirement mentioned in NIT. b) Signed, Stamped and Scanned copy of proof for payment of Earnest Money Deposit (EMD) / MSE Certificate for exemption. c) Similar work experience Documents as required in accordance with Clause 5.1 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document d) Audited Annual Statements (Balance Sheet and Profit & Loss account statements) in accordance with Clause 5.2 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document e) Signed, Stamped and Scanned copy of Company Registration certificate, GSTIN Registration, PAN Card, EPF Registration and other documents in accordance with Clause 5.3 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document f) Signed, Stamped and Scanned copy of last three financial year ITR g) Signed, Stamped and Completely filled with required details in Annexure-1 and Annexure-2 in Forms and Procedures i.e., Section VII. h) Signed, Stamped and Scanned copy of Format for Electronics Payment (Enclosed as Annexure-3 to Forms and Procedures i.e., Section VII) i) Signed, Stamped and Scanned copy of Declaration on company letter head as specified in Annexure-4 in Forms and Procedures i.e., Section VII. j) Signed, Stamped and Scanned copy of Tender Acceptance Letter as as specified in Annexure-5 in Forms and Procedures i.e., Section VII. k) Signed, Stamped and Scanned copy of No deviation Certificate as specified in Annexure-6 in Forms and Procedures i.e., Section VII. l) Signed, Stamped and Scanned copy of Certificate from CEO/MD/ Legally Authorized Signatory, in the format as enclosed as Annexure-7 to Forms and Procedures i.e., Section VII to Bidding Document shall be furnished certifying that the data and documents furnished by them in respect of Techno-Commercial Evaluation are true and correct including the contents thereof. However, if at any point of time the declarations given in bid are found to be incorrect, HURL shall have the full right to terminate the contract and take any action as per provisions of contract including forfeiture of EMD/Security Deposit. Stamped & Scanned copy of format For Electronics Payment as per Annexure-E
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		<p>m) Acceptance to Fraud Prevention Policy of HURL, for which the bidder has to submit Signed, Stamped and Scanned copy of Form of Acceptance of Fraud Prevention Policy of HURL. (Enclosed as Annexure-8 to Forms and Procedures i.e., Section VII).</p> <p>n) Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India" i.e. (Enclosed as Annexure-9 to Forms and Procedures i.e., Section VII).</p> <p>o) Documents in compliance to Scope of Work and Technical Specifications Any other document asked for in the Bidding Documents.</p> <p>p) Any Other Document asked for in the Bidding Document</p> <p>Note: -</p> <p>Bidders are requested to upload the clearly visible documents only otherwise if not clearly visible then offer shall be liable for rejection without any further communication. The Techno-Commercial Bid should not contain any price content entry. In case, the Techno-Commercial Bid is found to contain any price content, such bid shall be liable for rejection.</p> <p>Checklist of documents to be submitted is enclosed as Annexure-1 to ITB.</p>
21.2.2	Price Bid (COVER TYPE FINANCE)	<p>The Price bid is to be submitted in the BOQ provided in the Tender at https://eprocure.gov.in/eprocure/app.</p> <p>Bidders are advised to fill the BOQ and upload the same on the portal. Bidder should not tamper/modify download price bid template. In case if the same is found to be tampered / modified in any manner, bid will be rejected and EMD would be forfeited and Bidder is liable to be banned from doing business with HURL for a period of 2 years.</p> <p>Bidders shall necessarily submit the prices on-line in the Bill of Quantity (BOQ) only.</p> <p>For preparation of the "Price Bid", Bidders are expected to take into account the requirements and conditions of the bidding documents. The Price Bid shall be made in the 'BOQ' (excel file) only of Bidding Documents.</p> <p>The rate quoted by the bidder shall be inclusive of all provisions for incidental expenses necessary for proper execution and completion of the work in accordance with the terms & condition of the bidding document.</p> <p>All prices to be quoted by the bidders will be in Indian Rupees only, unless otherwise mentioned in the Special Conditions of Contract, on FIRM price basis and to remain valid during the currency of the Contract.</p> <p>Bidder shall quote for all the items of "SOR" after careful analysis of cost involved for the performance of the complete items considering all parts of the Bidding Document. In case any activity though specifically not</p>

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		<p>covered in description of item under "SOR" but is required to complete the works as per Specifications, Scope of Work/ Service, Standards, General Conditions of Contract ("GCC"), Special Conditions of Contract ("SCC") or any other part of Bidding Document, the prices quoted shall be deemed to be inclusive of cost incurred for such activity.</p> <p>The bidder shall quote their rate in percentage rate over total estimated cost of all items of BOQ portion up to two decimals only in price bid. Tenderers to note that only first two decimals shall be considered for evaluation if quotation is having more than two decimals. Bidder to go through Preamble to SOR mentioned in the tender document before quoting.</p> <p>For items mentioned in SOR Part-A, the bidder has to quote in BOQ1 of price bid. Bidder is required to select "Excess(+)" / Less(-)" from drop down menu in Quoted Rate in Figures and then they have to quote rate in percentage up to two decimals only.</p> <p>For item mentioned in SOR Part-B, the bidder has to quote in BOQ2 of price bid. Bidder is required to quote contractor profit rate in percentage up to two decimals only. Bidder shall not quote negative contractor service charge for SOR Part-B items.</p> <p>The quoted rate/amount shall be inclusive of all taxes and duties etc. as per tender but exclusive of the GST. Bidder must quote their rates exclusive of GST. The GST shall be paid extra as per applicable rates.</p>
	Documents to be uploaded in the format stipulated in the tender (online).	
	Note:	In case of Single Stage Two envelope bidding, Price Bid of those bidders whose bids are found to be qualified and technically & commercially responsive shall be opened at a later date under intimation to such bidders.
22.0	Deadline for Submission of Bids	<p>Bids must be submitted online no later than the time and date stated in the Tender Enquiry/NIT/ on line Tender details.</p> <p>The Off-line bid specified in the tender must be submitted to the Owner at the address given in the Special Conditions of Contract before the last date & Time for submission of Bid as specified in the NIT / Tender. Owner shall not be liable for loss/non-receipt/late receipt of above documents in postal transit.</p> <p>The on-line Bid must be submitted on the system well before the expiry of time and the schedule specified in the tender notifications, and may note that there is a time lag between the actual placing the bid on the local computer of the bidder and the refreshing of the data on the server.</p>

		<p>The processing time for data exchange depends on the internet speed of the bidder, therefore bidder should avoid the last minute hosting of their bid. The bids visible to the Owner will be final for the purpose of acceptance.</p> <p>OWNER may, at its discretion, extend this deadline for submission of bids, in which case all rights and obligations of Owner and Bidders will thereafter be subject to the deadline as extended.</p>
23.0	Modification and Withdrawal of Bids	<p>The Bidder may modify or withdraw its bid after submission prior to the deadline prescribed for bid submission. In case of withdrawal a letter giving the reason for withdrawal is to be uploaded. Once a bid is withdrawn, the bid cannot be re-submitted.</p> <p>No bid may be withdrawn / modified in the interval between the bid submission deadline and the expiration of the bid validity period. Withdrawal/Modification of a bid during this interval may result in the Bidder's forfeiture of its Earnest Money Deposit, pursuant to ITB Clause 14 above.</p>
24.0	Opening of Bids	
	Techno-Commercial Bid Opening	<p>The Owner will first open the Techno-Commercial Bid on the date and at the place specified in the tender enquiry/NIT. In the event of the specified date for the opening of bids being declared a holiday for OWNER, the bids will be opened at the appointed time on the next working day. All important information and other such details as OWNER, at its discretion, may consider appropriate, will be announced at the opening.</p> <p>Technical Bid shall be opened for evaluation.</p> <p>In case of Single Stage Two Envelope bidding, the Price Bid will remain unopened and the date and time for opening of price bids shall be intimated separately on the CPP website by OWNER after completion of evaluation of Techno-Commercial Bids.</p>
	Price Bid Opening	<p>In case of Single Stage Single Envelope bidding, the Price Bid will be opened on the date and time for opening of bids specified after opening of Techno-commercial bids as specified above.</p> <p>In case of Single Stage Two Envelope bidding, after the evaluation process of Techno-Commercial bid is completed, the date and time for opening of price bids shall be intimated separately by Owner. Bidders, whose Techno-Commercial Bid is not substantially responsive, their Technical Bid shall be rejected and their Price bid will also be rejected & shall not be opened and their Earnest Money Deposit shall be returned.</p> <p>Price bids of those Bidders, who have been considered qualified and whose Techno-commercial Bid is found to be responsive, will be opened online in presence of the Bidder's authorised representatives who choose to attend.</p>

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		The participating bidders will be able to view the bid prices of all the bidders after online opening of Price Bids by Owner on the e-tender portal.
25.0	Clarification on Bids	<p>During bid evaluation, OWNER may, at its discretion, ask the Bidder for a clarification of its bid including documentary evidence pertaining to the Purchase Orders/Contracts executed declared in the bid for the purpose of meeting Qualifying Requirement specified in NIT/IFB. The request for clarification and the response shall be in writing, and no change in the price or substance of the bid including substitution of Purchase Orders/Contracts executed in the bid by new/additional Purchase Orders/Contracts executed for conforming to Qualifying Requirement shall be sought, offered or permitted.</p> <p>After evaluation of the uploaded documents, shortfall documents, if required, shall be sought from the bidder. For this purpose, maximum 1 chance, of 7x24 hours duration shall be given. If the techno-commercial acceptability of bidder is established upon verification of uploaded documents and shortfall documents if any, the case shall be considered for further processing. If the bidder happens to be defaulter upon verification of the documents or has not uploaded the required document within the mentioned time frame his bid would be analyzed based on the uploaded documents and if found not in order as per requirement, would be outrightly rejected.</p>
26.0	Preliminary Examination Of Techno-Commercial Bids	<p>OWNER will examine the bids to determine whether they are complete, whether required securities have been furnished, whether the documents have been properly signed and whether the bids are generally in order.</p> <p>Prior to the detailed evaluation, the Owner will determine whether the bid is of acceptable quality, is generally complete and is substantially responsive to the bidding document. For purpose of this determination, a substantially responsive bid is one that conforms to all the terms, condition and specifications of the bidding documents without material deviations, objections, conditionality or reservations.</p> <p>A material deviation, objection, conditionality or reservation is</p> <ul style="list-style-type: none"> (i) that effects in any substantial way the scope quality or performance of the contract. (ii) that limits in any substantial way inconsistent with the bidding document the Owners right or the successful bidders obligation under the contract or (iii) whose rectification would unfairly affect the competitive position of other bidders who are presenting substantially responsive bids. <p>Material deficiencies in the bid may render the bid non-responsive and may lead to the rejection of the bid.</p>

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		OWNER's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence. If a bid is not substantially responsive, it will be rejected by OWNER, and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
27.0	Evaluation Of Techno-Commercial Bids	<p>OWNER will carry out a detailed evaluation of the Techno-Commercial bids (of the qualified bidders shortlisted as above) previously determined to be substantially responsive in order to determine whether the technical and commercial aspects are in accordance with the requirements set forth in the bidding documents. In order to reach such a determination, OWNER will examine and compare the technical and commercial aspects of the bids on the basis of the information supplied by the bidders. Bidder may note that no deviation, whatsoever, is permitted by OWNER to any provisions of Bidding Documents.</p> <p>In case the Bidder refuses to withdraw additional conditions/deviations/variations/exception, implicit or explicit, found anywhere in the bid in respect of techno-commercial requirements of the bidding documents, without any financial implication whatsoever to the Owner, the bid shall be rejected as technically non-responsive. Product(s) and/or service(s) not meeting the specified technical requirements & scope work, shall be rejected.</p>
28.0	Preliminary Examination Of Price Bid	<p>The Owner will examine the Price bids to determine whether they are complete, whether any computational errors have been made, and whether the bids are generally in order.</p> <p>In case any additional conditions/deviations/variations/exception, implicit or explicit, is found anywhere in the Price bid, the Earnest Money Deposit shall be forfeited.</p>
29.0	Discrepancies In Bid	<p>In case of discrepancies in the bid, the following will be adopted to correct the discrepancies for Arithmetical for the purpose of evaluation.</p> <ul style="list-style-type: none"> a) In case of discrepancy between unit price in figures and words, the unit price words will be considered as correct. b) In case of discrepancy between unit price and total price, the unit price will be considered as correct. d) In case of discrepancy between unit price and total price, which is obtained by multiplying the unit price and quantity, or between sub-totals and the total price, the unit or subtotal price shall prevail, and the total price shall be corrected accordingly.
30.0	Evaluation Criteria	The evaluation criteria specified in Clause 6.0 of NIT shall over-ride all other similar related clauses appearing elsewhere in the bidding documents.

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		The evaluation shall be based on the evaluated cost of fulfilling the contract in compliance with all commercial, contractual and technical obligations under this Bidding Document.
31.0	Evaluation Of Bids	<p>a) The Owner shall evaluate each Bid that has been determined, up to this stage of the evaluation, to be substantially responsive.</p> <p>b) To evaluate a Bid, HURL shall only use all the criteria and methodologies defined in this document.</p> <p>c) To evaluate a Bid, HURL shall consider the following:</p> <ul style="list-style-type: none"> • The bid price as quoted as per Bill of Quantity (BOQ) • Price adjustment for correction of discrepancy. • Price adjustment due to discounts offered; • Price adjustment due to Price Preference due to any other condition specified in Special Purchase Condition; • Price adjustment due to application of the evaluation criteria.
32.0	Contacting The Owner	<p>Subject to ITB clause 25.0 above, no Bidder shall contact the Owner on any matter relating to its bid, from the time of the opening of Bids to the time the contract is awarded.</p> <p>Any effort by a Bidder to influence the Owner in the Owner's bid evaluation, bid comparison or contract award decisions may result in rejection of the Bidder's bid.</p>
33.0	Owner's Right To Accept Any Bid And To Reject Any Or All Bids	The Owner reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder(s) of the grounds for the Owner's action.
34.0	Award Criteria	<p>Subject to ITB Clause 33, the Owner will award the contract to the successful Bidder whose bid has been determined to be substantially responsive to the Bidding Documents and qualified to perform the contract satisfactorily, as per methodology specified in tender document.</p> <p>The Bidder will be required to comply with all requirements of the Bidding Documents without any extra cost to the Owner, failing which his Earnest Money Deposit will be forfeited.</p>
35.0	Construction of Contract	<p>The subject work is indivisible / non-splitable and complete work shall be awarded to successful overall lowest bidder.</p> <p>The total value of all the orders shall be the Total Package value.</p>
36.0	Notification of Award	Prior to the expiration of the period of bid validity, the Owner will notify the successful Bidder in writing by email or letter or by telefax to be

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		confirmed in writing by letter sent by Speed Post/Registered/courier, that its bid has been accepted. The notification of award (Purchase/Service Order) will constitute the formation of the contract and shall be effective from the date of award or the date as specified in Special Conditions of Contract (SCC).
37.0	Corrupt or Fraudulent Practices	<p>Owner requires that Bidders, Contractors and Suppliers observe the highest standard of ethics during the procurement and execution of the contracts. In pursuance of this policy, Owner:</p> <p>(a) defines, for the purposes of this provision, the terms set forth below as follows:</p> <p>(i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and</p> <p>(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Owner, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Owner of the benefits of free and open competition;</p> <p>(b) will reject a bid for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;</p> <p>(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing a contract of the Owner.</p>
38.0	Fraud Prevention Policy	<p>The Bidders/ Service Providers/ Vendors/ Consultants etc. shall strictly adhere to the Fraud Prevention Policy of HURL displayed on its website http://www.hurl.net.in and shall not indulge or allow anybody else working in their organization to indulge in fraudulent activities and immediately apprise HURL of the fraud/suspected fraud as soon as it comes to their notice. A certificate to this effect shall be furnished by the bidder along with his bid, in relevant attachment as per format enclosed (Annexure 8 of Section VII (Forms and Procedures)) with the Bidding Document.</p> <p>If in terms of above policy, it is established that the bidder/his representatives have committed any fraud while competing for this contract then the Earnest Money Deposit shall be forfeited.</p>
39.0	Indian Agents	In a tender, either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product.

		If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit bid on behalf of another Principal/OEM in the same tender for the item/product.
40.0	Transfer of Bid Documents	<p>a. Transfer of Bidding documents is not permissible.</p> <p>b. Documents purchased / downloaded by the intending bidders cannot be transferred.</p>
41.0	Restrictions on procurement from a Bidder of a country which shares a land border with India	<p>i. Any Bidder (including its Collaborator/Associate/DJU Partner/JV partner/Consortium Member/Assignee, wherever applicable) from a country which shares a land border with India will be eligible to bid in this tender only if bidder is registered with the Competent Authority.</p> <p>Such registration should be valid for the entire period of bid validity or any extension thereof. However, in case the validity period of registration is less than bid validity period, the Bidder shall be required to submit the extension of the validity period of registration before the opening of price bids, failing which the bid shall be rejected.</p> <p>Further the successful bidder shall not be allowed to sub-contract works to any “Sub-contractor” from a country which shares a land border with India unless such Sub-contractor is registered with the competent Authority as mentioned in SCC.</p> <p>However, the said requirement of registration will not apply to bidders/sub-contractors from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects. Bidders may apprise themselves of the updated lists of such countries available in the website of the Ministry of External Affairs.</p> <p>ii. “Bidder” (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.</p> <p>iii. “Sub-contractor” (including the term ‘Sub-vendor’/Sub-supplier’ in certain contexts) means any person or firm or company, every artificial juridical person not falling in any of the descriptions of Sub-contractors stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.</p> <p>iv. “Bidders from a country which shares a land border with India” / “Sub-contractor from a country which shares a land border with India” mentioned in para above means;</p>

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		<p>a) An entity incorporated, established or registered in such a country; or</p> <p>b) A subsidiary of an entity incorporated, established or registered in such a country; or</p> <p>c) An entity substantially controlled through entities incorporated, established or registered in such a country; or</p> <p>d) An entity whose beneficial owner is situated in such a country; or</p> <p>e) An Indian (or other) agent of such an entity; or</p> <p>f) A natural person who is a citizen of such a country; or</p> <p>g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.</p> <p>v. The beneficial owner for the purpose of clause “iv” above will be as under;</p> <p>a) In case of company of Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.</p> <p>Explanation-</p> <p>i. “Controlling ownership interest” means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company;</p> <p>ii. “Control” shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholdings or management rights or shareholders agreements or voting agreements;</p> <p>b) In case of a partnership firms, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more judicial person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;</p> <p>c) In case of an unincorporated associations or body of individuals, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;</p> <p>d) Where no natural person is identified under (a) or (b) or (c) above, the beneficial owner is the relevant natural person who holds the position of senior managing officials;</p>
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		<p>e) In case of a trust, the identifications of beneficial owner(s) shall include identification of the author of trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.</p> <p>vi. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.</p> <p>vii. In regard to “Restrictions on procurement from a Bidder of a country which shares a land border with India” bidder has to submit Certificate as per Annexure 9 of Section VII (Forms and Procedures) of the bidding document.</p>
	Important Note	The Special Conditions of Contract (SCC) will supersede any other related conditions anywhere else in the Bidding Documents and will prevail for evaluation / finalization of the tender.

Annexure-1 to ITB**Checklist of documents to be submitted:**

S.N	Item	Yes / No	Bid Ref
1	Power of Attorney as per requirement mentioned in NIT.		
2	Signed, Stamped and Scanned copy of proof for payment of Earnest Money Deposit (EMD) / MSE Certificate for exemption.		
3	Similar work experience Documents as required in accordance with Clause 5.1 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document		
4	Audited Annual Statements (Balance Sheet and Profit & Loss account statements) in accordance with Clause 5.2 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document		
5	Signed, Stamped and Scanned copy of Company Registration certificate, GSTIN Registration, PAN Card, EPF Registration and other documents in accordance with Clause 5.3 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document		
6	Signed, Stamped and Scanned copy of last three financial year ITR		
7	Signed, Stamped and Completely filled with required details in Annexure-1 and Annexure-2 in Forms and Procedures i.e., Section VII.		
8	Signed, Stamped and Scanned copy of Format for Electronics Payment (Enclosed as Annexure-3 to Forms and Procedures i.e., Section VII)		
9	Signed, Stamped and Scanned copy of Declaration on company letter head as specified in Annexure-4 in Forms and Procedures i.e., Section VII.		
10	Signed, Stamped and Scanned copy of Tender Acceptance Letter as as specified in Annexure-5 in Forms and Procedures i.e., Section VII.		
11	Signed, Stamped and Scanned copy of No deviation Certificate as specified in Annexure-6 in Forms and Procedures i.e., Section VII.		
12	Signed, Stamped and Scanned copy of Certificate from CEO/MD/ Legally Authorized Signatory, in the format as enclosed as Annexure-7 to Forms and Procedures i.e., Section VII to Bidding Document shall be furnished certifying that the data and documents furnished by them in respect of Techno-Commercial Evaluation are true and correct including the contents thereof. However, if at any point of time the declarations given in bid are found to be incorrect, HURL shall have the full right to terminate the contract and take any action as per provisions of contract including forfeiture of EMD/Security Deposit. Stamped & Scanned copy of format For Electronics Payment as per Annexure-E		
13	Acceptance to Fraud Prevention Policy of HURL, for which the bidder has to submit Signed, Stamped and Scanned copy of Form of Acceptance of Fraud Prevention Policy of HURL. (Enclosed as Annexure-8 to Forms and Procedures i.e., Section VII).		

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14	Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India” i.e. (Enclosed as Annexure-9 to Forms and Procedures i.e., Section VII).		
15	Documents in compliance to Scope of Work and Technical Specifications Any other document asked for in the Bidding Documents.		
16	Any Other Document asked for in the Bidding Document		

Note: Failure to Upload Authentic and Corrects Documents as mentioned at S.No I to XV of Checklist above would lead to Rejection of Techno- Commercial Bid. Price Bids shall be opened only of those bidders who are qualified and whose techno-commercial bids are acceptable.

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Annexure 2 to ITB

A	Instructions for Online Bid Submission	<p>The bidders are required to submit their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bidsonline on the CPP Portal.</p> <p>More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app.</p> <p>1.0 REGISTRATION</p> <p>1.1 Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.</p> <p>1.2 As part of the enrollment process, the bidders will be required to choose a unique username and assign a password for their accounts.</p> <p>1.3 Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.</p> <p>1.4 Upon enrollment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify / nCode / eMudhra etc.), with their profile.</p> <p>1.5 Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.</p> <p>1.6 Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.</p> <p>2.0 SEARCHING FOR BIDDING DOCUMENTS</p> <p>2.1 There are various search options built in the CPP Portal, to facilitate bidders to searchactive tenders by several parameters. These parameters could include Tender ID,Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.</p>
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		<p>2.2 Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the Bidding Document.</p> <p>2.3 The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.</p> <p>3.0 <u>PREPARATION OF BIDS</u></p> <p>3.1 Bidder should take into account any corrigendum published on the Bidding Document before submitting their bids.</p> <p>3.2 Please go through the Bidding Document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.</p> <p>3.3 Bidder, in advance, should get ready the documents to be submitted as indicated in the Bidding Document / schedule. Generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.</p> <p>4.0 <u>SUBMISSION OF BIDS:</u></p> <p>4.1 Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. HURL shall NOT be responsible for any delay.</p> <p>4.2 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the Bidding Document.</p> <p>4.3 Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.</p> <p>4.4 Bidder should prepare the EMD as per the instructions specified in the Bidding Document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the Bidding Documents.</p> <p>4.5 Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the Bidding Document, then the same is to be</p>
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		<p>downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the blue colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.</p> <p>4.6 The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.</p> <p>4.7 All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology.</p> <p>4.8 Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded Bidding Documents become readable only after the tender opening by the authorized bid openers.</p> <p>4.9 The uploaded Bidding Documents become readable only after the tender opening by the authorized bid openers.</p> <p>Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.</p> <p>4.10 The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.</p> <p>4.11 The Bidder is allowed to re-submit the Bid and related Bid documents before the last date of Bid submission and time. The Bid can be re-submitted as many times as required by the Bidder, within the indicated timelines. The last version of the Bid submitted by the Bidder before the Bid submission date and time will be considered for Bid evaluation.</p> <p>4.12 The Bidder is permitted to withdraw his Bid before the last date of Bid submission and time through the CPP Portal. The bidder</p>
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		<p>should provide the supporting reasons for bid withdrawal and attach the supporting letter to the Purchaser.</p> <p>4.13 During bid evaluation, OWNER may, at its discretion, ask the Bidder for a clarification of its bid including documentary evidence pertaining to the Purchase Orders/Contracts executed declared in the bid for the purpose of meeting Qualifying Requirement specified in NIT/IFB. The request for clarification and the response shall be in writing, and no change in the price or substance of the bid including substitution of Purchase Orders/Contracts executed in the bid by new/additional Purchase Orders/Contracts executed for conforming to Qualifying Requirement shall be sought, offered or permitted.</p> <p>For this purpose, only 1 chance, shall be given. If the techno-commercial acceptability of bidder is established upon verification of documents including clarifications submitted, the case shall be considered for further processing. If the bidder happens to be defaulter upon verification of the documents or has not uploaded the required document within the mentioned time frame his bid would be analyzed based on the uploaded documents and if found not in order as per requirement, would be outrightly rejected.</p>
B.	ASSISTANCE TO BIDDERS	<p>1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.</p> <p>2 Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be call directed to the 24x7 CPP Portal Helpdesk.</p> <p>0120-4001 062 0120-4001 002 0120-4001 005 0120-6277 787</p> <p>E-mail support:</p> <p>Technical - support-eproc(at)nic(dot)in Policy Related - cppp-doe(at)nic(dot)in</p> <p>Or</p> <p>For any Issues or Clarifications relating to the published tenders, bidders are requested to write on below email id,</p>

		<p>Mr. Deepak Kumar, Manager (C&M), HURL- Sindri Project, Email id : deepakkumar@hurl.net.in</p> <p>Miss. Moupiya Mallick, Officer (C&M), HURL- Sindri Project, Email id : moupiyamallick@hurl.net.in</p>
		<p>Bidders must apprise themselves of the applicable guidelines for submission of and uploading of bids etc. on CPP website.</p>

SECTION – III : GENERAL CONDITIONS OF CONTRACTS (GCC)

The Special Conditions of Contracts (SCC) will supersede any related condition anywhere in the Bidding Documents and will prevail for evaluation / finalization of the tender.

1	Definitions & Terminology	<p>Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:</p> <p>“Owner” / “Client” means the Hindustan Urvarak & Rasayan Limited (HURL), Sindri Project having its registered office Core-4, 9th Floor, Scope Minar, Laxmi Nagar District Centre, Delhi-110092 and shall include their legal representatives, successors and permitted assigns.</p> <p>“Contract” means the Contract Agreement entered into between the Owner and the Contractor, together with the Contract Documents referred to therein; they shall constitute the Contract, and the term “the Contract” shall in all such documents be construed accordingly.</p> <p>“Contract Documents” mean the following documents that constitute the Contract between the Owner and the Contractor:</p> <ul style="list-style-type: none"> (i) The Contract Agreement along with its appendices (ii) Letter of Award/Service Purchase Order along with its appendices including agreed variations annexed. (iii) Amendment to Tender/Bidding Documents (iv) Special Conditions of Contract (v) Technical Specifications (vi) General Conditions of Contract (vii) The Bid and Bill of Quantities submitted by the Contractor (viii) Instructions to Bidders <p>“GCC” means the General Conditions of Contract hereof.</p> <p>“SCC” means the Special Conditions of Contract.</p> <p>“Day” means calendar day of the Gregorian Calendar.</p> <p>“Week” means a continuous period of seven (7) calendar days.</p> <p>“Month” means calendar month of the Gregorian Calendar.</p> <p>“Completion” means the fulfilment of the Services by the Contractor in accordance with the terms and conditions set forth in the Contract.</p> <p>“Contractor” shall mean the successful Sole Bidder or Consortium whose bid has been accepted by the OWNER and who has been selected by the OWNER for the award of Works and shall include his heirs, legal representatives, successors and permitted assigns.</p>
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	<p>“Contract Price” means the price to be paid for the performance of the Services, exclusive of GST.</p>
	<p>Effective Date means the date on which this Contract comes into force pursuant to GCC Clause 15.</p>
	<p>Foreign Currency means any currency other than the currency of the Owner’s country.</p>
	<p>“Local Currency” means the currency of the Government of India.</p>
	<p>“Government” means the Government of the Owner’s country i.e. INDIA.</p>
	<p>Party means the Owner or the Contractor, as the case may be, and “Parties” means both of them. Third party means any party other than Owner and Contractor.</p>
	<p>Personnel means professionals and support staff provided by the Contractor or by any Sub-Contractor and assigned to perform the Services or any part thereof;</p>
	<p>“Funds” means any funds allocated to the Owner under Company budget, or loan, grants and credits placed at the disposal of the Owner.</p>
	<p>Services means the work to be performed by the Contractor pursuant to this Contract</p>
	<p>Sub-Contractor means any person or entity to whom/which part of the Services is sub-consulted.</p>
	<p>"Engineer" or "Engineer-in-Charge" or "E.I.C." shall mean the officer appointed in writing by the Owner to act as "Coordinator" from time to time on behalf of Owner in all matters pertaining to this Contract. "Engineer-in-Charge" shall be authorized by the Client for supervision, inspection, scrutiny and approval of some or all of the services rendered by the Contractor under the Contract.</p>
	<p>“Bill Of Quantity” shall mean the priced and completed Bill of Quantity (BOQ) forming the part of the bid or such Bill of Quantity (BOQ) forming the part of the Contract, as the case may be, with amendments, if any, thereto.</p>
	<p>Throughout these Bidding Documents, the term “Bid” and “Tender” and their derivatives (Bidder/ Tenderer, Bidding / Tendering, Bidding Document/Tender Document, etc.); Bill of Quantity / Schedule of Quantity / Schedule of Quantities/ Bill of Quantities; Owner / Owner / HURL; Bid Security / Earnest Money Deposit; Security Deposit / Performance Security/ Performance Guarantee; Engineer-in-Charge / Engineer, appearing anywhere in the Bidding Documents shall have the same meaning and are synonymous to each other.</p>

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2	Order of the precedence of the Documents	<p>Subject to order of precedence listed below, all documents forming part of the Contract (and all parts thereof) are intended to be correlative, complementary and mutually explanatory. The Contract shall be read as a whole.</p> <p>The order of precedence of documents shall be as under:</p> <ul style="list-style-type: none"> a) Contract Agreement and the Appendices b) Purchase Order/Service Order along with its annexures. c) Amendment to Bidding Documents d) Special Conditions of Contract e) Technical Specifications including Scope of Work f) General Purchase Conditions g) The Bid and BOQ submitted by the Supplier h) Instructions to bidders <p>An amendment issued after issue of Contract shall take precedent over the formal Contract and all other contract documents.</p> <p>In the event of any ambiguity or conflict between the Contract Documents listed above, the order of precedence shall be the order in which the Documents are listed above.</p> <p>Any error in description, quantity or rate in Bill of Quantity (BOQ) or any omission therefrom shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the Works comprised therein according to drawings and specifications or from any of his obligations under the Contract.</p>
3	Singular and Plural	<p>The singular shall include the plural and the plural the singular, except where the context otherwise requires.</p>
4	Headings	<p>The headings and marginal notes in the General Conditions of Contract are included for ease of reference, and shall neither constitute a part of the Contract nor affect its interpretation.</p> <p>Heading and marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the Contract.</p>
5	Communications and Notices	<p>Communications between Parties (notice, request or consent required or permitted to be given or made by one party to the other) pursuant to the Contract shall be in writing to the Authorized Representatives named in the Contract.</p> <p>A notice shall be effective when delivered or on the notice's effective date, whichever is later.</p>

		A Party may change its address for notice hereunder by giving the other Party notice of such change to the address.
6	Governing Laws	The Contract shall be governed by and interpreted in accordance with laws in force in India. The Courts of Dhanbad shall have exclusive jurisdiction in all matters arising under the Contract, unless otherwise stated in the SCC.
7	Governing Language	<p>The Contract shall be written in English. All correspondences and documents relating to the Contract shall be written in English. Supporting documents and printed literature that are part of the Contract may be in another language, as long as such literature is accompanied by a translation of its pertinent passages in English language in which case, for purposes of interpretation, the translation shall govern.</p> <p>The English Translation of the documents shall be carried out by professional translators and the translator shall certify that he is proficient in both languages in order to translate the document and that the translation is complete and accurate. Further, translation shall be authenticated by the Indian Consulate located in the Country where the documents have been issued or the Embassy of that Country in India.</p> <p>The Contractor shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.</p>
8	Assignment	Neither the Owner nor the Contractor shall assign, in whole or in part, their obligations under this Contract; except with prior written approval of the Owner.
9	Authorized Representatives	<p>Engineer-in-Charge</p> <p>If the Engineer-in-Charge is not named in the Contract, then within fourteen (14) days of the Effective Date, the Owner shall appoint and notify the Contractor in writing of the name of the Engineer-in-Charge. The Owner may from time to time appoint some other person as the Engineer-in-Charge in place of the person previously so appointed, and shall give a notice of the name of such other person to the Contractor without delay. The Owner shall take reasonable care to see that no such appointment is made at such a time or in such a manner as to impede the progress of work. The Engineer-in-Charge shall represent and act for the Owner at all times during the currency of the Contract. All notices, instructions, orders, certificates, approvals and all other communications under the Contract shall be given by the Engineer-in-Charge, except as herein otherwise provided. All notices, instructions, information and other communications given by the Contractor to the Owner under the Contract shall be given to the Engineer-in-Charge, except as herein otherwise provided.</p>
10	Contractor's Authorised Representative	<p>Contractor's Representative</p> <p>If the Contractor's Representative is not named in the Contract, then within fourteen (14) days of the Effective Date, the Contractor shall appoint the Contractor's Representative and shall request the Owner in writing to approve</p>

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		<p>the person so appointed. If the Owner makes no objection to the appointment within fourteen (14) days, the Contractor's Representative shall be deemed to have been approved. If the Owner objects to the appointment within fourteen (14) days giving the reason therefore, then the Contractor shall appoint a replacement within fourteen (14) days of such objection, and the foregoing provisions of this GCC Clause shall apply thereto.</p> <p>The Contractor's Representative shall represent and act for the Contractor at all times during the currency of the Contract and shall give to the Engineer-in-Charge all the Contractor's notices, instructions, information and all other communications under the Contract.</p> <p>All notices, instructions, information and all other communications given by the Owner or the Engineer-in-Charge to the Contractor under the Contract shall be given to the Contractor's Representative or, in its absence, its deputy, except as herein otherwise provided.</p> <p>The Contractor shall not revoke the appointment of the Contractor's Representative without the Owner's prior written consent, which shall not be unreasonably withheld. If the Owner consents thereto, the Contractor shall appoint some other person as the Contractor's Representative, pursuant to the procedure set out in above GCC Clause.</p> <p>The Contractor's Representative may, subject to the approval of the Owner (which shall not be unreasonably withheld), at any time delegate to any person any of the powers, functions and authorities vested in him or her. Any such delegation may be revoked at any time. Any such delegation or revocation shall be subject to a prior notice signed by the Contractor's Representative, and shall specify the powers, functions and authorities thereby delegated or revoked. No such delegation or revocation shall take effect unless and until a copy thereof has been delivered to the Owner and the Engineer-in-Charge.</p> <p>Any act or exercise by any person of powers, functions and authorities so delegated to him or her in accordance with the above GCC Clause shall be deemed to be an act or exercise by the Contractor's Representative.</p>
11	Relation between the Parties	Nothing contained herein shall be construed as establishing a relation of master and servant or of principal and agent as between the Owner and the Contractor. The Contractor, subject to this Contract, has complete charge of Personnel and Sub-Contractors, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.
12	Location	The Services shall be performed at such locations as are specified in the Contract and, where the location of a Special task is not so specified, at such locations as the Owner may approve.
13	Taxes & Duties	Contractor, shall bear all tax liabilities, duties, Govt. levies etc. on account of payments made 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.

It shall be incumbent upon the Contractor to obtain a registration certificate as a dealer under GST Law, and other law(s) relating to levy of tax, duty, cess etc. and necessary evidence to this effect shall be furnished by the Contractor to the Owner.

The Contract Price (of both domestic and foreign Contractor) shall also be exclusive of GST applicable on services as per the rates prevailing as on seven (7) days prior to the date of Techno-Commercial bid opening. In case the Contractor is from outside India, who does not have any fixed establishment or permanent address in India, the GST shall be paid to the concerned Tax Authorities in India by the Owner and the same shall be recovered/ deducted from the Contractor.

In case of any variation in the rate of GST during the period of Contract, an equitable amount shall be paid/ recovered from the Contractor to fully take into account any such change.

If a new tax, duty or levy is imposed or any rates of tax are increased or decreased under statute or law in India after the date seven (7) days prior to date of Techno-Commercial bid opening and the Contractor becomes liable there under to pay and actually pays the said new tax, duty or levy for bonafide use on the work contracted, the same shall be reimbursed/recovered to the Contractor.

As regards Income Tax, Surcharge on Income Tax and other Corporate Taxes, including Cess wherever applicable, the Contractor shall be responsible for such payments to the concerned authorities.

The Owner shall be entitled to make necessary tax deductions at source as per the prevalent laws. The Contractor shall be required to submit the PAN details before the submission of the first bill/invoice under the Contract.

In case the Contractor is from outside India, it shall be required to either furnish (i) the certificate from Indian Tax Authority or (ii) Ruling from "the Authority for Advance Ruling (AAR)" determining the applicable rate of Income Tax in India before release of first payment.

The Contractor shall himself be informed of all the applicable laws, notifications, rules, circulars and other communications of the State or Central or other authorities with regard to levy of any tax, duty, cess, levy or fee etc, which in any manner may impinge upon him in performance of any obligations/responsibilities under or arising out of the Contract.

The Contractor has to submit / furnish all necessary documents / information to enable HURL claim the input credit benefit, if any, under GST rules. After award of contract, The contractor has to ensure that invoices raised on HURL must be properly uploaded in GST portal and ensure of prompt filing of returns. HURL shall deduct BOCW cess on the bills if applicable.

		Further in case of foreign Contractor, certain benefits of Income Tax may be available to him in his country under Double Taxation Avoidance Agreement (DTAA). While quoting for the assignment, the foreign Contractors are required to consider such benefits in their proposal.
14	Effectiveness of Contract	The Contract shall come into force and effect on the date, called the “Effective Date”, of the Owner’s notice to the Contractor instructing the Contractor to commence carrying out the Services. This notice shall confirm that the effectiveness conditions, if any, as specified in the SCC have been met or as mentioned elsewhere in the tender document.
15	Effective Date	The date the Contract comes into effect shall be as specified in the SCC.
16	Commencement of Services	The Contractor shall commence carrying out the Services not later than the number of days after the Effective Date as specified in the SCC.
17	Modifications or Changes or Amendment	No Modifications or changes or amendment or other variation of the Contract (Purchase Order / Work Order/ Service Purchase) shall be effective unless it is in writing, is dated, expressly refers to the Purchase Order / Work Order / Service Order, and is signed by a duly authorized representative of Owner and accepted by the Contractor.
18	Contract Price	The Contract price, other than GST, shall remain FIRM throughout the contract period and will be NOT be subject to adjustment for price escalation during the performance of the Contract until unless specified otherwise in the SCC.
19	Severability	If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
20	Standard of Performance	The Contractor shall perform the Work / Services and carry out its obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Contractor shall always act, in respect of any matter relating to this Contract or to the Services, as faithful advisers to the Owner, and shall at all times support and safeguard the Owner’s legitimate interests in any dealings with Sub Contractors or Third Parties.
21	Conflict of Interests	The Contractor shall hold the Owner’s interest’s paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.
22	Confidentiality	The Owner and the Contractor shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data or other information furnished directly or indirectly by the

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		<p>other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following termination of the Contract. Notwithstanding the above, the Contractor may furnish to its Subcontractor(s) such documents, data and other information it receives from the Owner to the extent required for the Subcontractor(s) to perform its work under the Contract, in which event the Contractor shall obtain from such Subcontractor(s) an undertaking of confidentiality similar to that imposed on the Contractor under this clause of GCC.</p>
23	Limitation of Liability	<p>HURL shall in no way be responsible for any liabilities arising out of the Contractor's Contractual obligations with the Contractor's personnel, experts, engineers, sub-Contractors, licensors, collaborators, vendors, or subsidiaries. Similarly, the Contractor shall in no way be responsible for any liabilities arising out of HURL's personnel, sub-Contractors, licensors, collaborators, vendors or subsidiaries.</p> <p>The Contractor and HURL both agree that each shall assume full risk of damages or injury to its own properties, employees and representatives caused by any act or omission to act by their respective employees or representatives, during the performance of this Contract.</p> <p>Except in cases of criminal negligence or willful misconduct,</p> <p>(a) Neither Party shall be liable to the other Party, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, which may be suffered by the other Party in connection with the Contract, provided that this exclusion shall not apply to any obligation of the Contractor to pay liquidated damages to the Owner and</p> <p>(b) The aggregate liability of the either party to the other party, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any obligation of the Contractor to indemnify the Owner with respect to patent infringement.</p> <p>Notwithstanding anything contained hereinabove, the aggregate liability of the Owner to the Contractor shall not exceed the Total Contract Price, less payments already released to the Contractor, if any.</p>
24	Liability of the Contractor	<p>The Contractor, shall be, liable to and required to indemnify, the Owner as stated under for due performance of the Contract.</p> <p>The Contractor shall indemnify the Owner from and against any and all claims, liabilities, obligations, losses, damages, penalties, actions, judgment, suits, proceedings, demands, costs, expenses and disbursements of whatsoever nature that may be imposed on, incurred by or asserted against the Owner during or in connection with the Services by reason of:</p> <p>(a) infringement or alleged infringement by the Contractor of any patent or other protected right; or</p> <p>(b) plagiarism or alleged plagiarism by the Contractor.</p>

		The Contractor shall ensure that all goods and services (including without limitation all computer hardware, software and systems) procured by the Contractor out of funds provided or reimbursed by the Owner or used by the Contractor in the carrying out of the Services do not violate or infringe any industrial property or intellectual property right or claim of any third party.
25	Insurance to be taken out by the Contractor	<p>The Contractor</p> <p>(a) shall take out and maintain, and shall cause any Sub-Contractors to take out and maintain, at their (or the Sub-Contractors', as the case may be) own cost, but on terms and conditions approved by the Owner, during the performance of the Contract, the insurance against the risks, and for the coverage as specified in the SCC; and</p> <p>(b) at the Owner's request, shall provide evidence to the Owner showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid.</p>
26	Contractor's Actions Requiring Owner's Prior Approval	<p>The Contractor shall obtain the Owner's prior approval in writing before taking any of the following actions:</p> <p>(a) any subcontract relating to the Services to an extent and, with such specialists and entities as may be approved as</p> <p>(b) any other action that may be specified in the SCC.</p> <p>Notwithstanding any approval as above, the Contractor shall remain fully liable for the performance of Services by the Sub-Contractor and its Personnel and retain full responsibility for the Services.</p>
27	Assistance and Exemptions	<p>The Owner shall use its best efforts to ensure the following:</p> <p>(a) To ensure the accuracy of all information and/or data to be supplied by the Owner to the Contractor necessary for performance of the Contract, except when otherwise expressly stated in the Contract.</p> <p>(b) issue to officials, agents and representatives of the Owner all such instructions as may be necessary or appropriate for the prompt and effective implementation of the Services;</p> <p>(c) provide to the Contractor, Sub-Contractors and Personnel any such other assistance as may be specified in the SCC.</p>
28	Payment Terms	<p>General</p> <p>In consideration of the Work / Services performed by the Contractor under this Contract, the Owner shall make to the Contractor such payments and in such manner as stated below:</p> <ul style="list-style-type: none"> • Payments will be made in the currency or currencies in which the Contract Price has been stated in the Contractor's bid i.e., INR. • No payment made by the Owner herein shall be deemed to constitute acceptance of the Services nor relieve the Contractor of any obligations.

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Modes of Billing and Payment

- The payment shall be made for the actual job executed by the Contractor after due verification and certification by the concerned Engineer-in-charge of the HURL, Sindri Project.
- The Contractor shall submit bills in triplicate on monthly basis to the concerned officer in- charge of the HURL, Sindri Project. It shall have to furnish Labours Payment Certificate along with copy of the EPF deposit challan and the deposit details duly receipted by the concerned EPFO to HURL, Sindri Project by 7th of every succeeding month irrespective of submission of bills, failing which its payment will be withheld.
- In-come Tax as applicable as per IT Rules shall be recovered at source and other taxes as applicable will be deducted from the Running/final bill.
- The Bills shall be submitted on running bill of running work on monthly basis. Payment shall be released within 30 days of submission of invoice by the party in all respect and duly certified by EIC. No claims regarding advance payment / adhoc payments will be entertained.
- The Contractor shall pay applicable GST and claim it along with RA Bills. The vendor have to ensure that invoices raised on HURL be properly uploaded in GST portal and ensuring of prompt filing of returns.
- The initial cost of the contract shall be valid for a period of one year. No price escalation, other than minimum wages revision, shall be entertained by the client during the period.
- After expiry of the initial period of the contract of one year and if the contact is renewed by the client, the contractor shall claim increase in the contract cost only on the account of increase in the minimum wages, as and when increased by the government.
- All payments shall be made in Indian currency by means of Electronic Clearance Service (ECS) or Cheque only.
- The successful bidder will be responsible for compliance of all statutory provisions relating to Minimum Wages, Provident Fund, and Employees State Insurance and any other mandatory provisions of law in respect of the persons deployed by Contractor for this work.
- Successful bidder shall also be liable for depositing all taxes, levies, cess etc. on account of service rendered by it to HURL to concerned tax collection authorities from time to time as per extant rules and regulations on the matter.

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		<ul style="list-style-type: none"> • The successful bidder shall maintain all statutory registers under the applicable Law. The bidder shall produce the same, on demand, to the EIC of HURL nominated for this work. • The claims in bills regarding Employees State Insurance, Provident Fund, and Service Tax etc. should be necessarily accompanied with documentary proof pertaining to the concerned month bill. Each monthly bill must accompany the list of employees with their date of engagement. • The Tax deduction at Source (T.D.S) shall be deducted as per the provisions of Income Tax Department, as amended from time to time and a certificate to this effect shall be provided to the Contractor by HURL. • In case, the successful bidder fails to comply with any statutory/taxation liability under appropriate law, and as a result there of HURL is put to any loss / obligation, monetary or otherwise, HURL will be entitled to get itself reimbursed out of the outstanding bills or the Performance Security Deposit of the bidder, to the extent of the loss or obligation in monetary terms. • No demand certificate, gate pass clearance certificate and other certificates regarding completion of statutory compliance and undertakings as asked by EIC have to be submitted by the contractor at the time of submission of Final bill. • No payment shall be made in advance nor any loan from any bank or financial institution recommended on the basis of the order of award of work. <p>Contractor shall furnish the details of Bank Account in the prescribed format along with Bid in order to facilitate the Owner to release Payments electronically through Electronic Fund Transfer system wherever technically feasible. The Contractor shall hold the Owner harmless & Owner shall not be liable for any direct, indirect or consequential loss or damage sustained by the Contractor on account of any error in the information or change in Bank details provided to the Owner in the prescribed form without intimation to Owner duly acknowledged.</p>
29	Early Warning	<p>If at any time during performance of the Contract, the Contractor or its Sub-Contractors should encounter events, circumstances conditions that may adversely affect the quality of the work, increase the cost of Services or delay the execution of the Services, the Contractor shall promptly notify the Owner in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Contractor's notice, the Owner shall evaluate the situation, and the Contractor shall cooperate with the Owner in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced.</p>

30	Extension of the Intended Completion Date	In the event the Contractor is unable to complete the assignment by the Intended Completion Date it may request the Owner to extend the Intended Completion Date giving reasons. The Owner may extend the Intended Completion Date if the reasons given by the Contractor, including prior review where necessary, are found acceptable. The Owner shall, however, decide by how much to extend the Intended Completion Date.
31	Good Faith	The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.
32	Liquidated Damage (LD) for Delay	<p>If the Contractor fails to complete the Work on or before the scheduled or extended date of completion, he shall, without prejudice to any other right or remedy of the Owner, arising out of the Contract on account of such delay, be liable for payment of liquidated damages @ ½ percent per week, not as penalty, on the Contract Value of the Work for every week that the progress remains below the required progress or that the Work remains incomplete subject to a maximum of 5% of the Contract Value.</p> <p>In case of amendment in the contract value, the limiting value of the Liquidated damages shall be 5% of the amended Contract Value.</p> <p>The amount of Compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Owner.</p>
33	Change in laws and regulations	If, after the date seven (7) days prior to the last date of Bid submission, any law, regulation, ordinance, order or by-law having the force of law is enacted, promulgated, abrogated or changed (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the costs and expenses of the Contractor and/or the Time for Completion, the Contract Price shall be correspondingly increased or decreased, and/or the Time for Completion shall be reasonably adjusted to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. However, these adjustments would be restricted to items in respect of both direct transactions between the Owner and Supplier.
34	Performance Security	<p>Within thirty (30) days of the receipt of Purchase Order/Service Order from the Owner, the contractor shall furnish the Contract Performance Guarantee (CPG), if applicable, for the due performance of the Contract for ten percent (10%) of the Contract Price with an initial validity up to ninety (90) days beyond the completion date for work plus defect liability period (if any), for due performance of the Contract(s)/Order(s) in any form acceptable to the Owner as mentioned below.</p> <p>CPG may be submitted in any of the following forms:</p> <p>a) crossed Demand Draft / Bankers cheque drawn in favour of HURL Payable at New Delhi.</p>

		<p>b) An irrevocable Bank Guarantee as per the HURL standard format from any Nationalized bank / Scheduled Bank as acceptable to HURL as per list enclosed.</p> <p>Failure of the supplier to submit the above-mentioned Contract Performance Guarantee shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.</p> <p>No interest shall be payable by the Owner to the Contractor against the Security Deposit furnished.</p> <p>Performance Security shall be returned after Certification of completion of work by EIC. However, the contractor will have to apply in writing, for refund of the same.</p>
35	Force Majeure	<p>Neither CONTRACTOR nor OWNER shall be considered in default in the performance of their obligations under CONTRACT, as long as such performance is prevented or delayed for reasons such as, including but not limited to, whether similar or dissimilar, acts of God, earthquake, tidal wave, tsunami, hurricane, storm, typhoon or cyclone (except monsoon), floods, lightening, land slide, fire or explosions, plague or epidemic, strikes of a whole National category of workers and concerted act of workmen or other industrial disturbances (lasting more than 7 consecutive calendar DAYS), lockouts (lasting more than 7 consecutive calendar DAYS), sabotage, blockade, war, riots, invasion, act of foreign enemies, hostilities (whether war be declared or not), civil war, rebellion, revolution, terrorist acts, insurrection or military or usurped power of confiscation or trade embargoes or destruction or requisition by order of any Government or any Public Authority or for reasons or cause beyond the reasonable control of the affected party provided notice of any such cause is given forthwith and in any event not later than one week (7) DAYS of the happening of the event by the party claiming the benefit of this Clause to the other specifying the matter constituting FORCE MAJEURE explaining to what extent contractual obligations will thereby be prevented or delayed and the further period for which it is estimated that such prevention or delay will continue. CONTRACTOR shall provide justificatory documents countersigned by the local Chamber of Commerce. Notwithstanding the forgoing, FORCE MAJEURE shall not include (a) weather conditions reasonably to be expected for the climate in the geographic area of the SITE including but not limited to the monsoon season, (b) the occurrence of any manpower or material shortages unless such a shortage is itself caused by an event of force majeure, or (c) any delay, default or failure (direct or indirect) in obtaining materials, or in any SUB-CONTRACTOR/VENDOR or worker performing any WORK or any other delay, default or failure (financial or otherwise) attributable to SUB-CONTRACTOR/Vendor/worker, unless such delay, default or failure results from any act, event or condition which would, with respect to such SUBCONTRACTOR/ VENDOR/ worker, constitute an event of force majeure.</p> <p>If the CONTRACTOR suffers delay in the due execution of the contractual obligations due to delays caused by force majeure as defined above, the agreed time of completion of job covered by this CONTRACT or the obligation</p>

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		<p>of the CONTRACTOR shall be extended by a period of time on account of force majeure conditions, provided that on the occurrence of any such contingency, the CONTRACTOR shall within 30 days reports to the OWNER in writing, the cause of delay and likely duration of cause of delay with requisite documentary evidence.</p> <p>Should one or both the parties be prevented from fulfilling the contractual obligations by a state of FORCE MAJEURE lasting continuously for a period of 6 weeks, the two parties shall consult each other regarding the future implementation of the CONTRACT. The mere shortage of labour, materials or utilities shall not constitute FORCE MAJEURE unless caused by circumstances which are themselves FORCE MAJEURE.</p> <p>CONTRACTOR and OWNER shall endeavour to prevent, overcome or remove the causes of FORCE MAJEURE.</p> <p>No ground for exemption can be invoked if CONTRACTOR has failed to give timely notice by registered letter and subsequently supported it by documentary evidence.</p> <p>Delay or non-performance by a party hereto caused by the occurrence of any event of FORCE MAJEURE shall not:</p> <p style="padding-left: 40px;">(a) Constitute a default or breach of the CONTRACT,</p> <p style="text-align: center;">Or</p> <p style="padding-left: 40px;">(b) Give rise to any claim for damages or additional cost or expense occasioned thereby, if such delay or non-performance is caused by the occurrence of any event of FORCE MAJEURE. FORCE MAJEURE conditions are not payable under any circumstances.</p> <p>Force Majeure is no one's fault, therefore each party should bear its own cost and a provision to terminate the CONTRACT in case of Force Majeure extending beyond six (06) month is provided. Should OWNER wish the CONTRACTOR to continue further, both parties may sit together and mutually agree on the future course failing which Parties will have the right to terminate. Such termination shall not be considered as Termination for Owner's Convenience. However, outstanding invoices, payment for supplies made and payment to the work already performed will be paid by OWNER on such termination and shall be detailed at the time of CONTRACT finalisation. CONTRACTOR shall have the right to take action to mitigate the impact of the prolonged Force Majeure event in mutual consent with Owner.</p> <p>FORCE MAJEURE shall not apply to any obligation of the OWNER to make payments to the CONTRACTOR under the contract.</p>
36	No Breach of Contract	<p>The failure of a Party to fulfil any of its obligations hereunder shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract.</p>

37	Measures to be Taken on Force Majeure	<p>A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.</p> <p>A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.</p> <p>Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.</p> <p>During the period of their inability to perform the Services as a result of an event of Force Majeure, the Contractor, upon instructions by the Owner, shall either:</p> <ul style="list-style-type: none"> (a) demobilize, in which case the Contractor shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Owner, in reactivating the Services; or (b) continue with the Services to the extent possible, in which case the Contractor shall continue to be paid under the terms of this Contract and be reimbursed for additional costs reasonably and necessarily incurred.
38	Suspension	<p>The Contractor shall, on receipt of the order in writing of the Engineer-in-Charge, suspend the progress of the Works or any part thereof for such time and in such manner as the Engineer-in-Charge may consider necessary for any of the following reasons:</p> <ul style="list-style-type: none"> (i) On account of any default on part of the Contractor; <p>or</p> <ul style="list-style-type: none"> (ii) for proper execution of the Works or part thereof for reasons other than the default on the part of the Contractor; <p>or</p> <ul style="list-style-type: none"> (iii) for safety of the Works or part thereof, for reasons other than those attributable to the Contractor. <p>The Contractor shall, during such suspension, properly protect and secure the Works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-Charge.</p> <p>The time for completion of the WORKS will be extended for a period equal to the duration of the suspension. The Contractor shall not be eligible for any other compensation whatsoever for such suspension, except as otherwise provided herein under.</p> <p>If such suspension of WORK by OWNER delays or is likely to delay the progress of WORK or the carrying out of WORK under CONTRACT resulting in additional expenses or increased liability to</p>

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		CONTRACTOR, the OWNER shall pay to the CONTRACTOR all reasonable expenses, mutually agreed between OWNER and CONTRACTOR, arising from suspension of the work by an order in writing of the OWNER provided that such suspensions of work is more than a cumulative period of ninety (90) days and provided that such suspension is not due to some fault on the part of the CONTRACTOR or a SUBCONTRACTOR.
39	Termination for Default	<p>The Owner or the Contractor, without prejudice to any other remedy for breach of Contract, by notice of default sent to the other party, may terminate the Contract in whole or in part if the other party causes a fundamental breach of contract. In such an occurrence one party shall give not less than thirty (30) days' written notice of termination to the other party.</p> <p>Fundamental breaches of the Contract shall include but shall not be limited to, the following:</p> <ul style="list-style-type: none"> (a) If the Contractor fails to remedy a failure in the performance of their obligations hereunder, within thirty (30) days of receipt of such notice of suspension or within such further period as the Owner may have subsequently approved in writing; (b) If the Contractor submits to the Owner a statement which has a material effect on the rights, obligations or interests of the Owner and which the Contractor knows to be false; (c) if the Contractor, in the judgement of the Owner has engaged in corrupt or fraudulent practices in competing for or in executing the Contract. <p>For the purpose of this Sub-Clause:</p> <p>"corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.</p> <p>"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Owner and includes collusive practice among Contractors (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Owner of the benefits of free and open competition.</p>
40	Termination for Insolvency	<p>The Owner and the Contractor may at any time terminate the Contract by giving notice to the other party if:</p> <ul style="list-style-type: none"> (a) the Owner becomes bankrupt or otherwise insolvent; (b) the Contractor becomes (or, if the Contractor consist of more than one entity, if any of its Members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary; or

		(c) in such event, termination will be without compensation to any party, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the other party.
41	Termination for Convenience	<p>The Owner, by notice sent to the Contractor, may in its sole discretion and for any reason whatsoever, terminates the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Owner's convenience, the extent to which performance of the Contractor under the Contract is terminated, and the date upon which such termination becomes effective.</p> <p>In event of termination of Order/Contract, the Owner shall pay to the Supplier/Contractor the Contract Price, properly attributable to the works/supplies executed by the Supplier/Contractor as on the date of termination. However, any sums due to the Owner from the Contractor accruing prior to the date of termination shall be deducted from the amount to be paid to the Supplier under this Order/Contract.</p>
42	Termination because of Force Majeure	The Owner and the Contractor may at any time terminate the Contract by giving notice to the other party if, as the result of Force Majeure, the Contractor is unable to perform a material portion of the Services for a period of not less than sixty (60) days.
43	Cessation of Services	Upon termination of the Contract by notice of either Party to the other pursuant to GCC Clauses 39 to 42, the Contractor shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum.
44	Payment upon Termination	Upon termination of this Contract pursuant to GCC Clauses to 39 to 42, the Owner shall make the payments to the Contractor for Services satisfactorily performed prior to the effective date of termination.
45	Disputes about Events of Termination	<p>If either Party disputes whether an event specified in GCC Clause 39, 40 or 41 has occurred, such Party may, within forty-five (45) days after receipt of notice of termination from the other Party, refer the matter to arbitration pursuant to GCC Clause 46, and this Contract shall not be terminated on account of such event except in accordance with the terms of any resulting arbitral award.</p> <p>In the case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to GCC Clause 46.</p>
46	Settlement of Disputes	<p>of Adjudicator</p> <p>Managing Director (MD) of HURL shall be the Appointing Authority for Adjudicator. Adjudicator under the Contract shall be retired judge of Supreme Court/High Court of India.</p> <p>If any dispute of any kind whatsoever shall arise between the Owner and the Contractor in connection with or arising out of the Contract, including</p>

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without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the services—whether during the progress of the work or after their completion and whether before or after the termination, abandonment or breach of the Contract—the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference by mutual consultation, then the dispute shall be referred in writing by either party to the Adjudicator, with a copy to the other party.

The Adjudicator shall give its decision in writing to both parties within twenty-eight (28) days of a dispute being referred to it. If the Adjudicator has done so, and no notice of intention to commence arbitration has been given by either the Owner or the Contractor within fifty-six (56) days of such reference, the decision shall become final and binding upon the Owner and the Contractor. Any decision that has become final and binding shall be implemented by the parties forthwith.

Should the Adjudicator resign or die, or should the Owner and the Contractor agree that the Adjudicator is not fulfilling its functions in accordance with the provisions of the Contract, another Adjudicator shall be jointly appointed by the Owner and the Contractor. Failing agreement between the two within twenty-eight (28) days, the new Adjudicator shall be appointed at the request of either party by the Appointing Authority. Expenses incurred in the process of adjudication including the fees required to be paid to the adjudicator, if any, shall be shared equally between the Owner and the Contractor.

Arbitration

If either the Owner or the Contractor is dissatisfied with the Adjudicator's decision, or if the Adjudicator fails to give a decision within twenty-eight (28) days of a dispute being referred to it, then either the Owner or the Contractor may, within fifty-six (56) days of such reference, give notice to the other party, with a copy for information to the Adjudicator, of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

Any dispute in respect of which a notice of intention to commence arbitration has been given, in accordance with above clause, shall be finally settled by arbitration. Arbitration may be commenced prior to or after completion of the Services.

Any dispute submitted by a party to arbitration shall be heard by an arbitration panel composed of three arbitrators, in accordance with the provisions set forth below.

The Owner and the Contractor shall each appoint one arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the two arbitrators do not succeed in appointing a third arbitrator within twenty-eight (28) days after the latter of the two arbitrators

		<p>has been appointed, the third arbitrator shall, at the request of either party, be appointed by the Appointing Authority as given below:</p> <p>a) President, Institution of Engineers in case of an Indian Contractor.</p> <p>b) President, International Chambers of Commerce, Paris in case of a Foreign Contractor.</p> <p>If one party fails to appoint its arbitrator within forty-two (42) days after the other party has named its arbitrator, the party which has named an arbitrator may request the Appointing Authority to appoint the second arbitrator.</p> <p>If for any reason an arbitrator is unable to perform its function, the mandate of the Arbitrator shall terminate in accordance with the provisions of applicable laws as mentioned under the Clause related to Governing Law and a substitute shall be appointed in the same manner as the original arbitrator.</p> <p>Arbitration proceedings shall be conducted</p> <p>(i) in accordance with the following rules of procedure :-</p> <p>a) In case of a foreign Contractor, the arbitration proceeding shall be conducted in accordance with the United Nations Commission on International Trade Law (UNCITRAL) Arbitration Rules of 1976.</p> <p>b) In case of an Indian Contractor, adjudication/Arbitration proceedings shall be conducted in accordance with Indian Arbitration and Conciliation Act 1996. In case the Indian Contractor is an Indian Public Sector Enterprise/Government Department (but not a State Govt. Undertaking or Joint Sector Undertaking which is not a subsidiary of Central Govt. Undertaking), the dispute arising between the Owner and the Contractor shall be referred for resolution to a Permanent Arbitration Machinery (PAM) of the Department of Public Enterprises, Government of India.</p> <p>c) In case of a foreign collaborator/associate of the Contractor, the arbitration proceedings shall be conducted in accordance with the United Nation Commission on International Trade Law (UNCITRAL) Arbitration Rules of 1976.</p> <p>(ii) At Dhanbad, Jharkhand, India (Place for Arbitration)</p> <p>(iii) In the language in which this Contract has been executed.</p> <p>The decision of a majority of the arbitrators (or of the third arbitrator chairing the arbitration, if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction as decree of the court. The parties thereby waive any objections to or claims of immunity from such enforcement.</p>
47	Fraud Prevention Policy	<p>The Supplier along with their associate / collaborator / subcontractors / sub-vendors / consultants / service providers shall strictly adhere to the Fraud Prevention policy of the Owner displayed on its tender website http://www.hurl.net.in.</p>

		<p>The Supplier along with their associate / collaborator / subcontractors / sub-vendors / consultants / service providers shall observe the highest standard of ethics and shall not indulge or allow anybody else working in their organization to indulge in fraudulent activities during execution of the Contract (Purchase Order/Service Order).</p> <p>The Supplier shall immediately apprise the Owner about any fraud or suspected fraud as soon as it comes to their notice.</p>
48	Risk purchase	<p>In the event Contractor fails to execute the services in scheduled completion period, HURL reserves the right to get the job executed from any other source at the Contractors risk and cost and the difference in cost shall be borne by the Contractor.</p> <p>Further, HURL shall retain the right of forfeiture of Performance Security and or any other action as deemed fit.</p>

IMPORTANT NOTE	<p>The Special Conditions of Contract will supersede any other related conditions anywhere in the tender documents and will prevail for evaluation / finalization of the tender.</p>
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SECTION – IV : SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

Scope of Work for “Repairing and Maintenance of civil works at HURL Sindri Project”

The contractor shall execute the work of civil Repairing and Maintenance works at HURL Sindri residential quarters, Guest Houses, Admin Building and plant location as and when required and as the direction of EIC Sindri Project”.

The above work shall cover the following:

1. Provision of all necessary labours, construction equipment, instruments and appliances in connection with all above mentioned work as specified or as directed by Engineer-in-Charge or the representative of Engineer.
2. CPWD latest specifications will be applicable for methodology of execution of work for all DSR items. For Non DSR items, methodology as per relevant IS codes or structural drawing with method statement shall be carried out as approved by Engineer in charge.
3. Any item of work other than mentioned in SOR if required may be carried out as per DSR-2018 after approval from EIC. The rate of item will be as same as quoted by the bidder over the SOR DSR-2018 items after multiplication of factor 0.87672.
4. Any other item of work as required needs to be carried out as per CPWD specifications for completing the job in all respects in accordance with the provisions of contract and to ensure the structural stability and safety of the work during and after construction.
5. Damage caused to properties of HURL if any, during execution of above work shall be rectified by the contractor at his cost failing which the cost of rectification shall be recovered at market cost of such items from the next R/A Bill / Final Bill of the work contract.
6. The work shall be carried out as and when required by HURL with all safety precautions.
7. The contractor shall ensure all his workers shall have Personal Protective Equipment's (PPE's) at his cost (not to be charged to the worker) and ensure safety of site by providing Barricades for restricting movement of public to work area. The barricade arrangement shall be approved by Engineer in charge keeping in view the overall circulating pattern of the commuters in the station.
8. Time period of the work is 365 days (Including Holiday) from the stipulated date of commencement of work.
9. All regular minor and major maintenance at guest house, staff quarters and admin building will be contractor's responsibility and all relevant activity shall be taken up on priority basis by deploying adequate number of manpower. Frequent visit by staff of construction Contractor shall be done to identify the deficiencies and before attending the deficiencies he shall inform the concerned EIC and QA&I civil so as to ensure quality and timely billing of work done.
10. The scope of the contract includes periodical inspection of the premises by the contractor himself, identifying the defects, preparing proposal to the EIC for approval and carrying

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out the work. In general, total responsibility of the station building/go-down will be of contractor and shall be kept cleaned.

11. In addition, the defects noticed by HURL officials will also be endorsed in the complaint book being maintained at the Station Controller's office which should be acknowledged by the representative of the contractor along with the indication of time within which it shall be attended. Complaints of regular nature, if continues will be considered as discredit to the contractor.
12. In addition, the monthly joint inspection will be carried out by HURL officials and the activity identified shall be informed to the contractor along with the specified time during which it shall be attended. This will be checked regularly during the next monthly inspection. These items shall be recorded in Site Order Book / Complaint and Monitoring Register maintained at field office.
13. The Contractor shall note that the quantities of the different Items, as given in the "Schedule of Rates" are tentative based on tentative work and are subject to variation and they shall not be entitled to claim any higher rate or compensation on this account. Owner reserves the right to change / modify the size and type of sections at any time. Owner does not guarantee work under each item of the Schedule of Quantities. The total quantum of work may vary up to $\pm 10\%$ on either side the Contract Price or nothing extra over the Unit Rate as referred in Schedule of Rates will be paid on this account. Quantum of individual item may vary to any extent. However, in case of any increase in executed / work order value beyond awarded value, contractor shall prepare statement of such expected variation based on the drawings issued for construction or as per site condition and shall obtain prior issuance of formal amendment to Contract from the OWNER in this regard. In no case, the value of executed value should exceed the awarded value without prior written approval from owner.
14. CPWD latest specifications shall be followed. Where not available, BIS/Engineering practice as directed by the Engineer shall be followed. The materials shall be supplied by contractor, as approved by the authorized officer of EIC.
15. A complaint register shall be maintained in the Repair and Maintenance Office of the contractor in which all complaints received shall be documented.
16. All Repair and Maintenance related complaints shall be attended within stipulated time as decided by EIC failing which a recovery of Rs. 500 per event shall be made from the subsequent payment certificate of the contractor.
17. If the work needs to be carried out in the building and area in use, the contractor shall ensure: -
 - 17.1 The normal functioning of Employees' HURL activity will not be affected as far as possible.
 - 17.2 The work carried out shall be in orderly manner without any noise and obstruction to flow of traffic.
 - 17.3 All rubbish, debris etc. shall be disposed at the earliest and the place shall be cleaned at the end of each day's work.
 - 17.4 The Contractor shall ensure that his staff is qualified and licensed for their part of

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work. The staff shall behave in a courteous manner. The contractor will be held responsible for any loss or damage to HURL property (If any) and recovery shall be made accordingly from the RA Bill.

- 17.5 The contractor shall ensure safety of his workers and others at site of work and shall be responsible for any consequence arising out of execution of the Repair and Maintenance work.
- 17.6 When instructed to do so, the contractor shall ensure storing of reparable/dismantled material and proper maintaining records.
- 17.7 Water and electricity shall be made available free of cost at nearby source of work. The contractor has to make his own arrangement for use of the same including extending temporarily lines etc. The responsibility for following relevant rules, regulations and loss in the regard shall be entirely that of the contractor.

SCOPE OF WORK AND QUALIFICATION CRITERIA FOR MANPOWER: -

(A) SCOPE OF WORK FOR MANPOWER AS MENTIONED IN SOR PART-B

Description	Manpower	Nature of duty
Supervisor (Skilled Worker)	1	1) Supervisor shall be the first line of contact for client, who shall report to the EIC of HURL. 2) Supervisor shall supervise the entire civil maintenance work with proper quality and given time period. 3) Supervisor shall enter the complaint in register & ensure remedial action proactively & instant. The same shall be verified by the Quarters in charge/ Engineer- in charge/ Complainer.
Carpenter (Semi skilled worker)	1	Required for carpentry job in plant, office and quarter.
Plumber (Semi skilled worker)	1	Required for plumbing job in plant, office and quarter.
Helper (Unskilled Worker)	1	Required as a helper for all type of carpentry and plumbing job.

(B) QUALIFICATION CRITERIA FOR MANPOWER :

1.The following are the qualification criteria of personnel to be employed by the contractor for efficient Civil Maintenance Work. The contractor shall provide Semi Skilled workmen to perform the scope of work and following shall be Qualification criteria.

1.1 Skilled Civil Supervisor: Minimum 6 years' work experience in the relevant field with the proper approval from EIC after verification.

1.2 Semi-Skilled Plumber & Carpenter (SSW): - Minimum 4 years work experience in the relevant field with the proper approval from EIC after verification.

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2.The contractor shall employ only personnel with qualification as mentioned above. Proof of documentary evidence for experience, qualification and antecedents shall be submitted for approval of the Engineer I/c before start of the work.

3.Whenever there is any urgent situation arise for Civil Maintenance Work then extra labours or expertise if required should be deployed on emergency basis as per direction of engineer I/c. No extra claim shall be entitled against the work of deployment of man power.

4.The contractor shall provide and maintain first Aid box complete with necessary medicines etc.

APPROVED VENDOR LIST OF CONSTRUCTION / CONSUMABLE MATERIALS :-

S.No.	Construction material	Vendor
1	Tiles	Kajaria, somany, AGL, Orient bell, Nitco
2	Cement (PPC/OPC-43)	Ultratech, Shree, Nuvoco, Emami
3	HYSD Steel (Fe- 500 D/550 D), Mild steel	Jindal, Tata, Sail, RINL, Shyam
4	MS steel	Jindal, Tata, Sail, shyam
5	Aluminium frame	Tata Vikas, Jindal
6	Glass for glazed window	Saint gobain
7	False ceiling	Gyproc (Saint Gobain)
8	APP membrane	Pidilite, Sika, STP, Asian
9	Wall putty	Asian, JK, Berger, Nuvoco
10	Paint	Asian, Berger, Nerolac
11	Ply wood	Green ply, Century ply, Kitply, Bokaro timber
12	Sanitary fittings	Jaguar, Marc, parryware, Hindware, Somany
13	Plumbing pipes	Prayag, prince, paras

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14	Waterproofing compound/products	Sika, Fosroc, pidilite, Asian, STP
15	PVC door & frame	Rajshree,
16	Water tank	Prince, Sintex, Himgiri

SECTION – V : SPECIAL CONDITION OF CONTRACT (SCC) AND OTHER TERMS AND CONDITIONS

1. **Effective date of Contract/ P.O:** The contract shall be operative from the start date of work as certified by Engineer-in-charge (EIC). The contractor has to mobilize their manpower within 7 days from date of acceptance of Letter of Award (LOA).

2. **Completion Period/Defect Liability Period/ Time Schedule**

Sl.No.	Particulars	Time Schedule/ Contract Period
1.	Completion of Total Work	12 months from start date of work as certified by EIC
2.	Defect Liability Period	Six (06) months from the date of completion of work

The contract may further be extended upto 4 months as needed by HURL on the same rates, terms and conditions and subject to the Contractor's performance. However, clearance for continuation of contract shall be given on month to month basis depending upon the job requirement and the Contractor's performance and at the sole discretion of HURL.

3. **Quantity Variation :** Quantities indicated in the schedule of rate are tentative only and all the items may or may not be executed either partially or fully. However, the upper ceiling of total quantum of variation of work shall be limited to 10 % of the original contract value. Actual execution value of the contract may vary depending on the actual requirement and therefore there shall not be any compensation for non-execution of any item or multiple items either partially or fully. This clause shall supersede any other clause given anywhere in the tender documents
4. **Insurance :**
 - (i) Necessary insurance(s) to cover accident risk for his employee's loss of life, material etc. to crew or the third party to be arranged by Contractor at his cost.
 - (ii) All contractors' equipment shall be at the sole risk of the contractor.
 - (iii) The contractor will insure all his personnel employed for the execution of the work against any personal injury that may be sustained as a result of the execution of the work. The contractor will present satisfactory evidence to the owner/consultant that such insurance is in force.
 - (iv) The contractor shall be responsible for workman's compensation insurance and all other statutory requirements in regard to the personnel in the contractor's employment.

5. **INTERPRETATION OF CONTRACT**

- The several contract documents forming the contracts are to be read together as a whole and are to be taken as mutually explanatory.
- Should there be any doubt or ambiguity in the interpretation of the contract documents or error, omission or contradiction therein or in any of them, the

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contractor shall prior to commencing the relative work, apply in writing to the owner for his decision in resolution of the doubt, ambiguity or contradiction or correction of the error or omission, as the case may be. Should the contractor fail to apply to the owner for his decision, as aforesaid prior to commencing the relative work, the contractor shall perform said work as per interpretation of owner whose decision shall be final and binding on contractor.

6. The work will be executed as per the SOR & CPWD Specifications.
7. The personnel engaged by the Contractor shall draw their remuneration from their Contractor and will not claim any employment benefit from HURL at any time. The Contractor shall also be responsible for the statutory obligations of such personnel and shall indemnify HURL in the matter.
8. The payment shall be released as per monthly R A Bills with all statutory deduction.
9. The contractor will have to engage one (01) Semiskilled Carpenter and one (01) Semiskilled Plumber along with their required tools & tackles during the working hours for the complete contract period, failing which deduction of Rs 500.00 per day shall be deducted from contractor's RA Bill.
10. For proper execution of work sufficient numbers of tools & tackles needs to be provided by the Contractor at their own cost, nothing shall be paid extra for this.
11. The contractor has to complete the work of any item of work within stipulated time as desired by Engineer-in-charge by increasing of manpower, material, T&P etc. for which no extra cost will be paid.
12. Engineer in Charge (EIC) or an Officer explicitly authorized by him will represent HURL Sindri project in all dealings with the Firm/ Contractor for execution of work.
13. The contractor shall abide by all statutory rules and regulations of Local authority , State and Central Govt. as the case may be with regard to statutory benefits and non-statutory benefits prevailing at HURL-Sindri as applicable, at his own cost and hence the Contractor has to quote their rate accordingly by taking care of all these.
14. In case of benefit availed by bidders during execution of contract from Govts towards PF/ESI or any other subsidy/concessions on account of covid etc., the same to be extended to HURL while claiming of reimbursements of statutory compliance payments.
15. The Contractor / Firm shall be directly responsible for payment of minimum wages as per central government orders and circulars (including other benefits like E.P.F. & E.S.I) to his man power engaged under this contract at his own cost. When the contract terminates there shall be no physical or moral pressure on HURL, on grounds of "person/ resources displace from job".
16. The contractor shall have P.F. code no. As per statutory requirements of provident fund Act, and extend the facilities of P.F. contribution of the act at his own cost and no extra claim shall be entertained by HURL on this account.
17. The contractor shall have to comply with the provision of payment of wages Act,1936 minimum wages Act, 1948, Employee liabilities 1938, Workers compensation Act,1923. Industrial dispute Act, 1947, contract labour (Regulation and abolition) Act,1970 with latest modification thereof or any other related law and rules made time to time. No

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extra claim shall be entertained by HURL on this account.

18. The Contractor shall have to get itself registered with the E.P.F. Organization under Employees' Provident Fund and Misc. Provision Act, 1952 and produce a copy of certificate of the same. The Contractor shall recover the EPF contribution as prescribed under the EPF & Misc. Provision Act, 1952 from the wages of its personnel and deposit the same with the EPF Organization along with matching contribution from its side in accordance with the provisions in the relevant Act/Rules, and copy of the relevant deposit certificate is to be attached along with the bill raised by the Agency.
19. The Contractor shall have a valid labour license under section 7 of the contract labour (R&A) act, 1970 and contract labour (R&A central Govt. rules, 1971) and produce a copy of certificate of the same to Engineer in charge (EIC).
20. The contractor shall have P.F. code no. As per statutory requirements of provident fund Act and in addition to that the work man shall have ESIC respectively.
21. All employees of Contractor are to be covered under the ESI Scheme. The Contractor has to submit the proof of ESI Registration of its Company. It shall have to ensure that ESI contribution with respect to all the personnel engaged by it under the contract are submitted to the appropriate authority on month-to-month basis and have to submit the proof thereof.
22. Month wise detailed statement of wages paid to the employees including E.P.F/E.S.I deduction should be enclosed along with the monthly bill by the Firm/ Contractor and submitted to the designated Engineer in charge, HURL.
23. HURL reserve the right to terminate the contract at any time during the contract period in case performance is not found satisfactory and work not carried as per instruction of Engineer-in-charge.
24. The price of individual items shall be firm and no variation shall be allowed on any account till execution of complete work.
25. Submission of Invoice: All invoices to be raised in the name of Hindustan Urvarak & Rasayan Limited and will be submitted to EIC (Civil), HURL Sindri Dhanbad (Jharkhand).
26. In case of revision of minimum wages by central govt. (Labour department) during the contract period, the increase amount shall be payable/reimbursable by HURL including its implication on statutory benefits i.e. PF, ESI, Bonus, Retrenchment & EL etc. along with GST as applicable.
27. The firm/ Contractor shall comply the regulatory clauses of labours Act and shall not engage any minor under this contract. Manpower will be deployed as per the guidelines of Ministry of Labour & Employment, Govt of India.
28. All safety measures must be taken care of, in order to avoid any accident, fire and other safety hazards. Any type of loss of assets due to any such incident is the sole responsibility of the Firm/ Contractor. HURL shall in no way be liable for any such incident.
29. If there is any damage to HURL property or any other financial burden on HURL because of willful or negligent action by the Firm or its personnel, HURL shall be entitled to recover the same by means of compensation from the Firm/ Contractor.
30. GST will be extra on SOR Part-A & SOR part-B and reimbursed to the Contractor

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after submission of the documentary evidence.

31. Day to day/ Shift Wise manpower distribution to perform scope of work shall be in agreement with HURL Engineer in Charge (EIC). Any absenteeism of manpower with respect to said agreement shall be fined with Rs. 500.00 per manpower per shift and shall be deducted from contractor's RA Bill.
32. The contract shall be executed under the Contractor's own supervision. The Contractor shall have to be present at the work place either personally or through their authorized representative for the supervision and co-ordination of works every day during working hours to supervise and control his work force as per the requirement and taking instruction of EIC, failing which deduction of Rs. 500.00 per day shall be deducted from contractor's RA Bill.
33. The contractor shall maintain a complaint register. As & when a complaint arises with respect of services, the contractor's supervisor shall enter the complaint in register & ensure remedial action proactively & instant. The same shall be verified by the Quarters in charge/ Engineer- in charge/ Complainer. Appropriate financial penalty will be imposed if any inordinate delay is observed.
34. In the view of pandemic situation contractor have to provide a transit camp for sheltering the manpower involved in General Housekeeping, If needed.
35. The Manpower/ supervisor deployed by the contractor shall ensure that the HURL properties are protected from theft/pilferage/ damage. After necessary investigation, if proved that the contractor/ their personnel are responsible for the incident, the contractor is liable and will be penalized to the extent of the value of the loss and additional charges for each incident as decided by the competent authority of HURL.
36. HURL is not liable at any stage to provide accommodation, transport, food, medical and any other requirement of their personnel deployed at the HURL site.
37. Contractor shall have to complete the work or early completion of emergency maintenance work within short notice as desired by HURL Engineer in Charge (EIC) by increasing of manpower, material, T&P etc. for which no extra cost will be paid.
38. All boarding/ lodging/ Transportation/ Local conveyance of workman engaged shall be in the scope of contractor.
39. In general, the services are to be provided on all working days.
40. The contractor has to arrange attendance register for his staff, which will also be checked by EIC. Copy of this shall be submitted along with monthly bill.
41. The contractor shall be responsible for the conduct/integrity of persons deputed for works in the building and will also be responsible for any act of omissions or commissions on their part.
42. The contractor shall supply fresh sets of uniforms, identity cards and required PPEs to all personnel at their own cost and shall wear the same while on work and also keep their uniform neat and clean. If any employee is found without uniform a penalty @ ₹500 per person per day shall be recovered from contractor's bill.
43. For smooth execution and attending complaints, the Contractor should provide mobile facilities to their supervisor.

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44. The contractor shall keep sufficient fund to make payment to the worker deployed in the contract directly by him before 7th of every month. This payment will be in electronic mode and the receipts of the payment should be attached in RA bill for further processing.
45. In case of revision of minimum wages by central govt. (Labour department) during the contract period, the increase amount shall be payable/reimbursable by HURL including its implication on statutory benefits and GST as applicable.
46. Water, electricity and uncovered/ open space for site office/ store depending upon requirement/ availability will be provided by HURL on free of cost basis, as per the requirement of job. However, contractor shall not be paid any extra claim if they have to arrange water, electricity for their work.
47. The contractor shall not appoint any sub contractor for the work under any circumstances.
48. The contractor shall perform the repair and maintenance services in the manner and as per the instructions of the client.
49. The contractor shall ensure that all personnel deployed by the firm are fully conversant with the premises and with the client's business activities and its related requirements.
50. The client shall have the right to have any person removed, who is considered to be undesirable or otherwise and similarly the contractor reserves the right to remove the personnel with prior permission of the client, emergencies exempted.
51. The contractor shall depute one full time Supervisor, who shall ensure that all the duties assigned to the firm by HURL must be performed by them in the desired manner, failing which, it shall invite penalties as prescribed in the following paragraphs.
52. The contractor's Supervisor shall be the first line of contact for client, who shall report to the EIC of HURL.
53. The contractor shall ensure that all statutory/mandatory requirements either related to wages disbursements or related to deposition of EPF/ESIC with concerned authorities or providing ESIC facilities to the manpower are fulfilled through Contractor or its supervisor.
54. **SAFETY CLAUSES:** All safety requirements shall be fulfilled by contractor. Safety of all manpower, shall be under contractor scope. Safety in totality is complete responsibility of contractor. Proper safety arrangements / PPEs for carrying out the job is under contractor's scope and same has to be complied with as per the direction of EIC. For non-compliance of introductions for safety measures, suitable penalty will be imposed and the decision of EIC-HURL shall be final and binding to the contractor.
55. None of the personnel employed by contractor shall be a member of Trade Union/political outfit and/or take any interest in trade union/political outfit activities.
56. The contractor shall be responsible for providing their personnel with proper uniform and shall ensure that the personnel on duty should always appear in smart outfits, wearing full prescribed uniform with proper photo identity card. The contractor shall take agreement of EIC on uniform and its color coding before start of the work.
57. Whenever and wherever it is found that the assigned work is not performed up to the

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- complete satisfaction of HURL, it will be brought to the notice of the contractor by HURL and if no action is taken immediately, penalty of ₹500/- per day will be imposed.
58. The contractor has to maintain required number of manpower as per the contract and also arrange a pool of standby manpower/supervisor. If the required number of workers/supervisor are less than specified number as mentioned in the contract, a penalty of ₹500/- per absentee per day shall be deducted from the bill(s).
59. Contractor staff shall always be disciplined, properly dresses and be presentable all the time during duty. The persons deployed by contractor shall be properly trained, have requisite experience and skill for carrying out a wide variety of work.
60. Contractor's employees shall perform their duties at the premises with due diligence and take all precautions to avoid any loss or damage to the HURL property/person.
61. Contractor shall be solely responsible for any indiscipline, theft, loss or damage to any persons/property at the premises on account of acts of omission and commission by the staff deployed by him.
62. **CODE OF CONDUCT:** The Contractor shall strictly observe that its personnel.
- 61.1 Are always smartly turned out and vigilant
 - 61.2 Are punctual and arrive at least 15 minutes before start of their duty time.
 - 61.3 Take charges of their duty properly and thoroughly.
 - 61.4 Perform their duties with honesty and sincerity.
 - 61.5 Read and understand their post and site instructions and follow the same.
 - 61.6 Extend respect to all officers and staff of HURL
 - 61.7 Shall not drink liquor on duty, or come drunk and report for duty.
 - 61.8 Will immediately report in any untoward incident/misconduct or misbehaviors occurs, to Contractor and HURL.
 - 61.9 When in doubt, approach concerned person immediately.
 - 61.10 Get themselves checked by security personnel whenever they go out.
 - 61.11 Do not entertain visitors.
 - 61.12 Shall not smoke in the office premises.
63. **ORDER FOR ARRANGEMENT OF DOCUMENTS BE SUBMITTED BY THE SUCCESSFUL CONTRACTOR BEFORE DEPLOYMENT OF CASUAL LABOUR:** Following documents are required to be submitted before deployment of any casual labour:
- 62.1 Bio-data of all persons.
 - 62.2 Character certificate from at least one (1) Gazetted Officer of the Central\State Government in respect of all persons.
 - 62.3 Certificate of verification of antecedents of all persons by local police authority.
 - 62.4 All persons engaged by the Contractor should be medically fit and medical certificate should be submitted prior to the start of work.
 - 62.5 Required health insurance should be provided to all engaged workmen by the contractor at his own cost.
64. Any other deviation, exceptions, observations, if any of your offers and any subsequent corresponding which are contrary to the provision of the bidding document any amendments referred above. Shall stand with drawn without any
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extra financial implication to owner.

65. The performance under this contract, shall not stop for any reason, whatsoever, during the said dispute/proceeding, unless the service provider is specifically directed by HURL to desist from working in this behalf.
66. The contractor shall arrange for equipment's and safety devices as are necessary for such type of work and carry out requisite of handling equipment, lifting tools, tackles etc. as per prescribed standards and practices.
67. Refusal to perform duty as directed by the EIC, by the contractor due to any reason whatsoever shall entail the is being marked absent for a period deemed fit by the EIC. An additional deduction of Rs. 2000/- per day for the period so marked absent, shall also be made from the running bills towards related damages caused to HURL due to this act.
68. The quoted rates/Prices shall include all the cost of materials, labours, taxes duties/levies excluding GST for SOR part-A and other incidental expenses to complete the work as per the specification of Summary of work.

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SECTION – VI : SCHEDULE OF RATES (SOR) AND BOQ

SOR (Schedule of Rates)/BOQ Part A : Estimate for annual civil repair & maintenance work at
HURL Sindri Project

Code No.	Description	Unit	Rate (A)	Estimated Rate (Excluding GST)= A*0.87672	Qty	Total Estimated Amount (Rs.)
2.0	EARTH WORK					
2.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in-Charge:					
2.1.1	All kinds of soil	Sqm	92.55	81.14	500.00	40570.22
2.2	Earth work in rough excavation, banking excavated earth in layers not exceeding 20cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 m :					
2.2.1	All kinds of soil	Cum	746.80	654.73	100.00	65473.45
2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
2.6.1	All kinds of soil	Cum	181.85	159.43	50.00	7971.58
2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.					
2.8.1	All kinds of soil.	Cum	252.30	221.20	250.00	55299.11

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2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	219.65	192.57	500.00	96285.77
2.25(a)	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	Cum	323.90	283.97	100.00	28396.96
2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	1953.05	1712.28	50.00	85613.90
2.28	Surface dressing of the ground including removing vegetation and in- equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.					
2.28.1	All kinds of soil	Sqm	24.35	21.35	1000.00	21348.13
2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	12.55	11.00	400.00	4401.13
2.32	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	6.40	5.61	1000.00	5611.01
2.33	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.					
2.33.1	Beyond 30 cm girth upto and including 60 cm girth	each	380.60	333.68	20.00	6673.59
2.33.2	Beyond 60 cm girth upto and including 120 cm girth	each	1694.40	1485.51	10.00	14855.14
2.33.3	Beyond 120 cm girth upto and including 240 cm girth	each	7860.55	6891.50	5.00	34457.51
2.33.4	Above 240 cm girth	each	15749.95	13808.30	2.00	27616.59
2.34	Supplying chemical emulsion in sealed containers including delivery as specified.					
2.34.1	Chlorpyrifos/ Lindane emulsifiable concentrate of 20%	Litre	200.85	176.09	200.00	35217.84

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2.35	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :					
2.35.1	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 300mm including excavation channel along the wall & rodding etc. complete:					
2.35.1.1	With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration	metre	28.25	24.77	300.00	7430.20
2.35.2	Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes etc.:					
2.35.2.1	With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration	metre	39.45	34.59	500.00	17293.30
2.35.3	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor:					
2.35.3.1	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	Sqm	227.05	199.06	200.00	39811.86
2.35.4	Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) to the full depth of the hole :					
2.35.4.1	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	metre	31.75	27.84	200.00	5567.17
2.35.5	Treatment at points of contact of wood work by chemical emulsion Chlorpyriphos/ Lindane (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	metre	254.00	222.69	200.00	44537.38
4.0	CONCRETE WORK					
4.1	CEMENT CONCRETE (CAST IN SITU)					
4.1.2	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	7210.55	6321.63	20.00	126432.67

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4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	Cum	6788.60	5951.70	10.00	59517.01
4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	Cum	6259.10	5487.48	10.00	54874.78
4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	Cum	5789.60	5075.86	10.00	50758.58
4.1.10	1:5:10 (1 cement : 5 coarse sand (zone-III) : 10 graded stone aggregate 40 mm nominal size)	Cum	5520.30	4839.76	10.00	48397.57
4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :					
4.3.1	Foundations, footings, bases for columns	Sqm	284.85	249.73	100.00	24973.37
4.3.2	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	Sqm	609.30	534.19	50.00	26709.27
4.3.3	Columns, piers, abutments, pillars, posts and struts	Sqm	733.70	643.25	50.00	32162.47
CEMENT CONCRETE PRECAST						
4.7	Providing and fixing up to floor five level precast cement concrete solid block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete :					
4.7.1	1:1½:3 (1 Cement: 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	Cum	14241.05	12485.41	5.00	62427.07
4.9	Precasting and placing in position 125 mm dia Bollards 600 mm high of required shape including providing M.S. Pipe Sleeve 50 mm dia 300 mm long in the Bollard and M.S. Pipes 40 mm dia and 450mm long with 150x150x6mm M.S. plate welded at bottom and embedded 150mm in cement concrete 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size), including necessary excavation of size 250x250x450mm deep for the same in bitumen/ concrete pavement at specified spacing.	each	723.05	633.91	20.00	12678.25
DAMP-PROOF COURSE						

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4.12	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	per 50kg cement	56.55	49.58	400.00	19831.41
4.14	Extra for concrete work in superstructure above floor V level for each four floors or part thereof.	Cum	1119.85	981.79	20.00	19635.90
5.0	REINFORCED CEMENT CONCRETE					
CAST IN SITU						
5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :					
5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	Cum	7718.25	6766.74	10.00	67667.44
5.2	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 :					
5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	9306.00	8158.76	5.00	40793.78
FORM WORK						
5.9	Centering and shuttering including strutting, propping etc. and removal of form for :					
5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	284.85	249.73	50.00	12486.68
5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	693.05	607.61	20.00	12152.22
5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	733.70	643.25	20.00	12864.99
STEEL REINFORCEMENT						
5.22B	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.					
5.22B.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	77.65	68.08	500.00	34038.65

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5.22C	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete above plinth level.					
5.22C.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	77.65	68.08	500.00	34038.65
	MISCELLANEOUS					
5.26	Providing and filling in position, blown bitumen in expansion joints.	Cum	61509.80	53926.87	0.50	26963.44
5.28	Providing and fixing in position 12mm thick bitumen impregnated fiber board conforming to IS: 1838, including cost of primer, sealing compound Grade-A in expansion joints.	per cm depth per 100m	557.65	488.90	15.00	7333.54
DESIGN MIX CONCRETE						
5.33	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately).					
5.33.1	All works upto plinth level	Cum	7997.30	7011.39	10.00	70113.93
5.33.2	All works above plinth level upto floor V level	Cum	9400.85	8241.91	5.00	41209.57
5.34	Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable /recoverable separately.					
5.34.1	Providing M-30 grade concrete instead of M-25 grade BMC/ RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum)	Cum	69.75	61.15	20.00	1223.02
5.34.2	Providing M-35 grade concrete instead of M-25 grade BMC/ RMC. (Note : Cement content considered in M-35 is @ 350 kg/ cum)	Cum	139.45	122.26	20.00	2445.17

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5.34.3	Providing M-40 grade concrete instead of M-25 grade BMC/ RMC.(Note : Cement content considered in M-40 is @ 360 kg/ cum)	Cum	209.20	183.41	20.00	3668.20
5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	quintal	673.30	590.30	10.00	5902.96
5.46	Providing and fixing of expansion joint system of approved make and manufactures for various roof locations as per approved drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminum base members with, self aligning and self centering arrangement support plates asper ASTM B221-02. The system shall be such that it provides watertight roof to roof/roof to corner joint cover expansion control system that is capable of accommodating multidirectional seismic movement without stress to its components. System shall consist of metal profile that incorporates a universal aluminum base member designed to accommodate various project conditions and roof treatments. The cover plate shall be designed of width and thickness required to satisfy movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. The Joint System shall resists damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have water tight joint is mandatory requirement. (Material shall confirm to ASTM 6063.)					
5.46.1	Roof Joint of 100 mm gap	metre	5193.45	4553.20	10.00	45532.01
6.0	MASONRY WORK					

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6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
6.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	6376.25	5590.19	30.00	167705.58
6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	6157.45	5398.36	30.00	161950.79
6.4	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 :					
6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	7809.25	6846.53	30.00	205395.77
6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	7590.45	6654.70	20.00	133093.99
HALF BRICK MASONRY						
6.12	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in :					
6.12.2	cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	773.75	678.36	200.00	135672.42
6.13	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.					
6.13.2	Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	932.10	817.19	200.00	163438.14
6.32	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in :					
6.32.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	7971.70	6988.95	10.00	69889.49
6.32.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	7752.90	6797.12	10.00	67971.22
6.40	Providing and laying Gypsum panel partitions 100 mm thick with water proof Gypsum panels of size 666x500x100 mm, made of calcite phosphor Gypsum fixed with tongue and groove, jointed with bonding plaster as per manufacturer's specifications in superstructure above plinth level up to floor V level. Gypsum blocks will have a minimum compressive strength of 9.3 kg/cm ²	Sqm	853.50	748.28	30.00	22448.42
6.41	Extra for Gypsum panel Partitions in superstructure above floor V level for every four floors or part thereof.	Sqm	129.15	113.23	1.00	113.23

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6.47	Providing and laying autoclaved aerated cement blocks masonry with 150mm/230mm/300 mm thick AAC blocks in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for separately).	Cum	6636.95	5818.75	5.00	29093.73
7.0	STONE WORK					
8.0	CLADDING WORK					
8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.					
8.2.1	Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble					
8.2.1.1	Area of slab upto 0.50 sqm	Sqm	2777.40	2435.00	5.00	12175.01
8.2.1.2	Area of slab over 0.50 sqm	Sqm	2552.65	2237.96	5.00	11189.80
8.2.2	Granite of any colour and shade					
8.2.2.1	Area of slab upto 0.50 sqm	Sqm	4217.35	3697.44	5.00	18487.18
8.2.2.2	Area of slab over 0.50 sqm	Sqm	4007.65	3513.59	5.00	17567.93
8.3	Providing edge moulding to 18 mm 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.					
8.3.1	Marble work	metre	220.35	193.19	5.00	965.93
8.3.2	Granite work	metre	376.25	329.87	5.00	1649.33
8.4	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	metre	434.25	380.72	5.00	1903.58

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8.5	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	each	734.55	643.99	10.00	6439.95
8.6	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	Sqm	368.00	322.63	20.00	6452.66
8.7	Providing and fixing cramps of required size & shape in RCC/ CC / Brick masonry backing with cement mortar 1:2 (1 cement :2 coarse sand), including drilling necessary hole in stones and embedding the cramp in the hole (fastener to be paid separately).					
	8.7.1 Gunmetal cramps	Kg	627.85	550.45	10.00	5504.49
	8.7.2 Stainless steel cramps	Kg	612.60	537.08	20.00	10741.57
8.14	8.14 Stone work (machine cut edges) for wall lining etc. (veneer work) upto 10 metre height, backing filled with a grout of average 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade : (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately) :					
8.14.1	Red sand stone - exposed face fine dressed with rough backing.					
8.14.1.5	30 mm thick	Sqm	3882.00	3403.43	1.00	3403.43
STONE WORK DRY CLADDING						
8.20	Providing and fixing dry cladding upto 10 metre heights with 30mm thick gang saw cut stone with (machine cut edges) of uniform colour and size upto 1mx1m, fixed to structural steel frame work and/ or with the help of cramps, pins etc. and sealing the joints with approved weather sealant as per Architectural drawing and direction of Engineer-in-charge. (The steel frame work, stainless steel cramps and pins etc. shall be paid for separately).					
8.20.1	Red sand stone - 30mm thick gang saw cut stone	Sqm	2217.75	1944.35	40.00	77773.83

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8.22	Providing and fixing adjustable stainless steel cramps of approved quality, required shape and size, adjustable with stainless steel nuts, bolts and washer (total weight not less than 260 gms), for dry stone cladding fixed on frame work at suitable location, including making necessary recesses in stone slab, drilling required holes etc complete as per direction of the Engineer-in-charge.	each	327.00	286.69	100.00	28668.74
8.28	Providing and fixing plywood 4 mm thick, one side decorative veneer conforming to IS: 1328 (type-1), for plain lining / cladding with necessary screws, including priming coat on unexposed surface with :					
8.28.1	Decorative veneer facings of approved manufacture	Sqm	1551.00	1359.79	40.00	54391.71
8.30	Providing and fixing skirting with Pre-laminated (one side decorative and other side balancing lamination) flat pressed 3 layer or graded particle board (medium density) Grade I, Type II, IS :12823 marked, with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and priming coat on unexposed surface complete :					
8.30.1	18 mm thick	Sqm	1891.50	1658.32	10.00	16583.16
8.31	Providing and fixing Ist 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 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	1030.30	903.28	200.00	180656.92
8.32	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including:					

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	(a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design.					
	(b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.					
	(c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural	sqm	4309.80	3778.49	10.00	37784.88

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	drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.					
9.0	WOOD AND P. V. C. WORK					
FRAMES AND TRUSSES						
9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).					
9.1.2	Sal wood	Cum	105327.20	92342.46	2.00	184684.93
9.1.3	Kiln seasoned and chemically treated hollock wood	Cum	71746.40	62901.50	2.00	125803.01
9.5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately)					
9.5.1	Second class teak wood					
9.5.1.1	35 mm thick shutters	Sqm	3613.35	3167.90	5.00	15839.48
9.5.1.2	30 mm thick shutters	Sqm	3269.85	2866.74	50.00	143337.14
9.6.2	12 mm thick pre-laminated particle board (decorative lamination on both sides) grade -1, medium density flat pressed, three layer particle board FPT-I or graded wood particle board FPT- I, conforming to IS : 3087, bonded with BWP type synthetic resin adhesive as per IS : 848 and pre- laminated conforming to IS : 12823, Grade 1, Type - II marked :	Sqm	2770.40	2428.87	5.00	12144.33

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9.6.3	12 mm thick one side Pre-laminated particle board (decorative lamination on one side and other sides balancing lamination) grade -1, medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPT-1 conforming to IS : 3087 bonded with BWP type synthetic resin adhesive as per IS : 848 and pre-laminated conforming to IS : 12823, Grade -1, Type II marked :	Sqm	3024.60	2651.73	5.00	13258.64
9.7	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :					
9.7.1	Second class teak wood	Sqm	2942.30	2579.57	50.00	128978.66
9.7.7	Float glass panes					
9.7.7.1	4 mm thick glass pane (weight not less than 10 kg per sqm)	Sqm	1792.55	1571.56	100.00	157156.44
9.7.7.2	5.0 mm thick glass panes (weight not less than 12.5 kg per sqm)	Sqm	2116.90	1855.93	50.00	92796.43
9.7.8	Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4mm wide aperture with matching wood beading	Sqm	1458.60	1278.78	100.00	127878.38
9.12	Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	Sqm	214.05	187.66	20.00	3753.24
9.16	Providing and fixing 25 mm thick shutters for cup board etc. :					
9.16.1	Panelled or panelled & glazed shutters :					
9.16.1.2	Second class teak wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws	Sqm	3937.20	3451.82	20.00	69036.44
9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or					

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	cross bands and face veneers on both faces of shutters.					
9.20.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	3023.95	2651.16	50.00	132557.87
9.20.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	2756.35	2416.55	20.00	48330.94
9.20.3	25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary screws	Sqm	2464.70	2160.85	20.00	43217.04
9.21	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 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:					
9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	1886.70	1654.11	50.00	82705.38
9.21.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	1819.80	1595.46	20.00	31909.10
9.21.3	25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws	Sqm	1782.35	1562.62	20.00	31252.44
9.24	Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured):					
9.24.1	Rectangular or square	Sqm	173.95	152.51	20.00	3050.11
9.27	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :					
9.27.1	35 mm thick shutters					
9.27.1.1	with ISI marked M.S. pressed butt hinges bright finished of required size					
9.27.1.1.1	Second class teak wood	Sqm	4221.20	3700.81	2.00	7401.62

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9.46	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed					
	with C.P. brass screws and PVC sleeves etc., wherever necessary complete :					
9.46.3	25 mm dia	Meter	480.15	420.96	100.00	42095.71
9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.					
9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	183.50	160.88	400.00	64351.25
	BRIGHT FINISHED M.S. FITTINGS					
9.62	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :					
9.62.1	300x16 mm	each	183.30	160.70	100.00	16070.28
9.63	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :					
9.63.1	250x10 mm	each	74.15	65.01	50.00	3250.44
9.63.2	200x10 mm	each	60.55	53.09	50.00	2654.27
9.63.3	150x10 mm	each	52.55	46.07	50.00	2303.58
9.63.4	100x10 mm	each	38.70	33.93	50.00	1696.45
	etc. complete.	each	104.70	91.79	5.00	458.96
9.65	Providing and fixing ISI marked oxidised M.S. door latches conforming to IS:5930 with screws etc. complete :					
9.65.1	300x20x6 mm	each	81.75	71.67	20.00	1433.44
9.65.2	250x20x6 mm	each	68.40	59.97	20.00	1199.35
9.66	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :					
9.66.1	125 mm	each	34.85	30.55	200.00	6110.74
9.66.2	100 mm	each	27.95	24.50	200.00	4900.86
9.66.3	75 mm	each	23.90	20.95	200.00	4190.72
9.71	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete :					
9.71.1	125x64x2.50 mm	each	95.90	84.08	50.00	4203.87
9.71.2	100x60x2.50 mm	each	77.30	67.77	50.00	3388.52
9.71.3	75x50x2.50 mm	each	62.60	54.88	50.00	2744.13
9.79	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved					

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	quality including necessary screws etc. complete.					
9.79.4	75 mm	each	318.10	278.88	10.00	2788.85
9.80	Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with necessary screws.	each	62.70	54.97	10.00	549.70
9.81	Providing and fixing bright finished brass handles with screws etc. complete:					
9.81.1	125 mm	each	204.65	179.42	10.00	1794.21
9.83	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	each	1003.50	879.79	30.00	26393.66
ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)						
9.96	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 :					
9.96.1	300x16 mm	each	257.15	225.45	50.00	11272.43
9.96.2	250x16 mm	each	231.70	203.14	50.00	10156.80
9.97	Providing and 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 :					
9.97.1	300x10 mm	each	116.80	102.40	50.00	5120.04
9.97.2	250x10 mm	each	103.55	90.78	50.00	4539.22
9.97.5	100x10 mm	each	58.15	50.98	50.00	2549.06
9.100	Providing and 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 :					
9.100.1	125 mm	each	59.65	52.30	50.00	2614.82
9.100.2	100 mm	each	52.85	46.33	50.00	2316.73
9.100.3	75 mm	each	45.90	40.24	50.00	2012.07
9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed					

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	to required colour and shade, with necessary screws etc. complete.					
9.101.1	Single rubber stopper	each	33.95	29.76	50.00	1488.23
9.101.2	Twin rubber stopper	each	62.05	54.40	50.00	2720.02
GYPSUM BOARD PARTITIONS						
9.105	<p>Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, Galvanised M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each with zinc coating of 120 gms/sqm(both side inclusive)) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.</p>					

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9.105.2	75mm overall thickness partition with 12.5 mm thick double skin tapered edged plain Gypsum plaster board conforming : to IS 2095: (part 1) : 1996 (Board with BIS certification marks)	Sqm	1513.70	1327.09	20.00	26541.82
9.114	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete.					
9.114.1	Triple strip vertical type	each	39.05	34.24	20.00	684.72
9.115	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer-in-charge.	one set	339.75	297.87	40.00	11914.62
9.119	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm 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 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.	metre	391.65	343.37	100.00	34336.74
9.120	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 75mm 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					

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	mm (5 mm 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.					
9.120.1	30 mm thick plain PVC door shutters	Sqm	2423.40	2124.64	50.00	106232.16
9.157	Providing and fixing Pre-laminated medium density fibre board IS: 14587:1998 marked, with one side decorative lamination other side balancing lamination Grade-I(exterior grade) in shelves with screws and fittings wherever required, edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand (fittings to be paid separately).					
9.157.1	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	Sqm	1207.60	1058.73	10.00	10587.27
9.157.2	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to IS:14587	Sqm	1626.05	1425.59	10.00	14255.91
9.165	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete.					
9.165.1	125 mm	each	98.75	86.58	10.00	865.76
9.165.2	100mm	each	74.00	64.88	10.00	648.77
9.165.3	75 mm	each	47.20	41.38	10.00	413.81
10.0	STEEL WORK			0.00		0.00
10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	101.75	89.21	2000.00	178412.52

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10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	Sqm	8670.50	7601.60	20.00	152032.02
10.5	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.					
10.5.1	Using M.S. angels 40x40x6 mm for diagonal braces	Sqm	4428.15	3882.25	10.00	38822.48
10.6	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.					
10.6.1	80x1.25 mm M.S. laths with 1.25 mm thick top cover	Sqm	2944.10	2581.15	20.00	51623.03
10.15	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.					
10.15.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	Kg	137.30	120.37	20.00	2407.47

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10.28	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.).	Kg	575.45	504.51	100.00	50450.85
11.0	FLOORING					
11.5	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	Sqm	854.30	748.98	20.00	14979.64
11.7	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.	Cum	7335.10	6430.83	100.00	643082.89
11.20	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).					
11.20.3	Dark shade pigment using ordinary cement	Sqm	928.00	813.60	5.00	4067.98
11.20.4	Ordinary cement without any pigment	Sqm	872.55	764.98	50.00	38249.10

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11.21	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge.					
11.21.1	In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)					
11.21.1.1	Acid and alkali resistant tile	Sqm	1495.00	1310.70	20.00	26213.93
11.21.2	In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)			0.00		0.00
11.21.2.1	Acid and alkali resistant tile	Sqm	1607.70	1409.50	5.00	7047.51
MARBLE STONE FLOORING						
11.23	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (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 :					
11.23.2	Raj Nagar plain	Sqm	1960.75	1719.03	50.00	85951.44
11.23.5	Udaipur green marble	Sqm	1991.50	1745.99	5.00	8729.94
KOTA STONE FLOORING						
11.26	Kota stone slab flooring over 20 mm (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) :					
11.26.1	25 mm thick	Sqm	1531.85	1343.00	50.00	67150.18
11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm	1810.05	1586.91	50.00	79345.35
WOODEN FLOORING						
11.33	25 mm wooden planking, tongued and grooved in flooring, including fixing with iron screws complete with :					
11.33.2	Second class deodar wood	sqm	2759.10	2418.96	30.00	72568.74
CERAMIC GLAZED TILES						

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11.38	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete.	sqm	996.70	873.83	100.00	87382.68
VITRIFIED FLOOR TILES						
11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.					
11.41.2	Size of Tile 600x600 mm	sqm	1500.55	1315.56	500.00	657781.10
11.41.3	Size of Tile 800x800 mm	sqm	1758.70	1541.89	100.00	154188.75
11.41.4	Size of Tile 1000x1000 mm	sqm	2499.25	2191.14	50.00	109557.12
11.51	Providing and laying machine cut, mirror polished, Italian Marble stone flooring laid in required pattern in linear portion of the building all complete as per architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm including pointing with white cement slurry admixed with pigment to match the marble shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.					
11.51.1	18 mm thick Italian Marble stone slab, Perlato, Rosso verona, Fire Red or Dark Emperadore etc.	sqm	5986.20	5248.22	10.00	52482.21

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11.56	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.					
11.56.1	Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	sqm	3526.60	3091.84	100.00	309184.08
12.0	ROOFING					
SHEET ROOFING						
12.1	Providing 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, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to 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.					
12.1.1	1.00 mm thick with zinc coating not less than 275 gm/m ²	sqm	1234.25	1082.09	100.00	108209.17
12.1.2	0.80 mm thick with zinc coating not less than 275 gm/m ²	sqm	1061.80	930.90	10.00	9309.01
12.15	Painting top of roofs with bitumen of approved quality @ 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cudm per 10 sqm, including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete :					
12.15.1	With residual type petroleum bitumen of grade VG -10	sqm	126.00	110.47	100.00	11046.67
12.21	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :					

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12.21.1	In 75x75 mm deep chase	metre	237.25	208.00	100.00	20800.18
12.22	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	each	244.05	213.96	10.00	2139.64
CEILING						
12.24	Providing and fixing insulating board ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) :					
12.24.1	Natural colour insulating board					
12.24.1.1	12 mm thick	sqm	733.75	643.29	20.00	12865.87
RAIN WATER SPOUT AND PIPE						
12.40	Providing, fixing and embedding sand cast iron accessories for rain water pipes in the masonry surrounded with 12 mm thick cement mortar of the same mix, as that of masonry (lead caulking will be paid for separately):					
12.40.1	Sand cast iron plain shoes :					
12.40.1.1	150 mm diameter	each	428.25	375.46	10.00	3754.55
12.41	Providing and 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.					
12.41.1	75 mm diameter	metre	201.10	176.31	200.00	35261.68
12.41.2	110 mm diameter	metre	305.05	267.44	200.00	53488.69
12.42	Providing and 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.					
12.42.1	Coupler					
12.42.1.1	75 mm	each	77.85	68.25	20.00	1365.05
12.42.1.2	110 mm	each	117.80	103.28	20.00	2065.55
12.42.2	Single pushfit Coupler					
12.42.2.1	75 mm	each	77.85	68.25	10.00	682.53

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12.42.2.2	110 mm	each	108.45	95.08	10.00	950.80
12.42.3	Single tee with door					
12.42.3.1	75x75x75 mm	each	139.85	122.61	100.00	12260.93
12.42.3.2	110x110x110 mm	each	203.30	178.24	100.00	17823.72
12.42.4	Single tee without door					
12.42.4.1	75x75x75 mm	each	122.45	107.35	100.00	10735.44
12.42.4.2	110x110x110 mm	each	188.55	165.31	100.00	16530.56
12.42.5	Bend 87.5°					
12.42.5.1	75 mm bend	each	89.90	78.82	100.00	7881.71
12.42.5.2	110 mm bend	each	129.85	113.84	100.00	11384.21
12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm 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.					
12.43.1	75 mm	each	290.15	254.38	200.00	50876.06
12.43.2	110 mm	each	288.80	253.20	200.00	50639.35
12.45	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			0.00		0.00

	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 :					
12.45.3	12.5 mm thick tapered edge gypsum moisture resistant board	sqm	1286.20	1127.64	100.00	112763.73
12.45.4	Fully Perforated Gypsum Plaster Board of size 1200 x 2400x12.5 mm having approx. 15 % perforated area with perforation size and pattern as approved by the Engineer- in-charge and as per manufacturer's specification, with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60	sqm	1475.85	1293.91	20.00	25878.14
12.47	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigis incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.			0.00		0.00

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12.47.1	2 mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6") as specified	sqm	1095.20	960.18	50.00	48009.19
13.0	FINISHING					
	Note :- Rates for external plastic are for height upto 10m from ground level in less otherwise stated.					
CEMENT PLASTER (IN FINE SAND)						
13.1	12 mm cement plaster of mix :					
13.1.2	1:6 (1 cement: 6 fine sand)	sqm	254.25	222.91	1000	222906.06
CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT						
13.7	12 mm cement plaster finished with a floating coat of neat cement of mix :					
13.7.2	1:4 (1 cement: 4 fine sand)	sqm	328.25	287.78	200	57556.67
6MM CEMENT PLASTER						
13.16	6 mm cement plaster of mix :					
13.16.1	1:3 (1 cement : 3 fine sand)	sqm	227.35	199.32	200	39864.46
13.18	Neat cement punning.	sqm	62.75	55.01	20	1100.28
INTERIOR FINISHING						
13.37	White washing with lime to give an even shade :					
13.37.1	New work (three or more coats)	sqm	28.55	25.03	3000	75091.07
13.39	Colour washing such as green, blue or buff to give an even shade :					
13.39.2	New work (two or more coats) with a base coat of whitening	sqm	38.50	33.75	1000	33753.72
13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :					
13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	sqm	153.45	134.53	2000	269065.37
EXTERIOR FINISHING						
13.44	Finishing walls with water proofing cement paint of required shade :					
13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	sqm	91.25	80.00	2000	160001.40
13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :					
13.46.1	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)	sqm	164.70	144.40	1000	144395.78
13.50	Applying priming coat:					
13.50.1	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	sqm	57.05	50.02	500	25008.44

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13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	sqm	50.70	44.45	500	22224.85
13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
13.61.1	Two or more coats on new work	sqm	121.55	106.57	1000	106565.32
13.65	Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade :					
13.65.1	Two or more coats on new work	sqm	106.05	92.98	20	1859.52
13.69	Polishing on wood work with ready mixed wax polish of approved brand and manufacture :					
13.69.1	New work	sqm	150.90	132.30	40	5291.88
13.80	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.	sqm	115.15	100.95	2000	201908.62
13.87	White washing with lime to give an even shade :					
13.87.1	Old work (two or more coats)	sqm	16.75	14.69	500	7342.53
13.87.2	Old work (one or more coats)	sqm	10.25	8.99	1000	8986.38
13.88	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sqm	14.20	12.45	1000	12449.42
13.91	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.	sqm	18.25	16.00	1000	16000.14
13.98	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:					
13.98.1	One or more coats on old work	sqm	84.65	74.21	200	14842.87
13.99	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					
13.99.1	One or more coats on old work	sqm	79.95	70.09	300	21028.13
13.104	Polishing on wood work with ready made wax polish of approved brand and manufacture :					
13.104.1	Old work	sqm	76.30	66.89	50	3344.69

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13.109	Finishing walls with water proofing cement paint of required shade :					
13.109.1	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 Priming coat.	sqm	87.20	76.45	50	3822.50
13.109.2	Old work (one or more coats @ 2.20 kg/10 sqm) complete.	sqm	59.35	52.03	50	2601.67
13.111	Finishing walls with Acrylic Smooth exterior paint of required shade :					
13.111.1	Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	sqm	99.90	87.58	100	8758.43
13.114	Melamine polishing on wood work (one or more coat).	sqm	110.75	97.10	5	485.48
14.0	REPAIRS TO BUILDING					
14.1	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, all complete as per direction of Engineer-in-Charge.					
14.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	sqm	417.80	366.29	500	183146.81
14.4	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, all complete as per direction of Engineer-in-Charge.					
14.4.1	For door/ window/ clerestory window	sqm	932.45	817.50	10	8174.98
14.5	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:					
14.5.2	Float glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm)	sqm	1184.85	1038.78	50	51939.08
14.6	Renewing glass panes, with wooden fillets wherever necessary:					
14.6.2	Float glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm)	sqm	1557.35	1365.36	20	27307.20
14.11	Fixing old glass panes with wooden fillets (excluding cost of fillets)	sqm	510.75	447.78	50	22389.24

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14.12	Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C. slab, including cutting chase, anchoring clamp to reinforcement bar, including cleaning, refilling, making good the chase with matching concrete, plastering and painting the exposed portion of the clamps complete.	each	425.10	372.69	30	11180.81
EARTH WORK						
14.23	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	kilo litre	169.05	148.21	50	7410.48
WOOD WORK						
14.26.2	Glazed shutters :					
14.26.2.2	1st class teak wood including nickel plated bright finished M.S. piano hinges with necessary screws.	sqm	3798.05	3329.83	5	16649.13
14.34	Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete	each	232.50	203.84	10	2038.37
14.35	Providing and fixing bright finished brass hard drawn hooks and eyes :					
14.35.1	300 mm	each	86.45	75.79	5	378.96
FINISHING						
14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm 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 challies, M.S. clamps and M.S. staircase 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 judicially, necessary deduction for scaffolding in the existing item to be done.	sqm	257.95	226.15	100	22614.99

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14.75	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	sqm	512.00	448.88	100	44888.06
ROUTINE MAINTENANCE WORK						
14.75A	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account)	litre	0.35	0.31	50000	15342.60
14.76	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	each	77.65	68.08	200	13615.46
14.77	Cleaning of chocked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm	metre	256.90	225.23	300	67568.81

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14.79	Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace including shifting at ground level as per direction of Engineer-in-charge.	each	317.75	278.58	30	8357.33
14.80	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge.					
14.80.1	Long pattern W.C Pan of size 580x440 mm	each	2724.10	2388.27	20	47765.46
14.81	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in-charge.	each	220.40	193.23	50	9661.45
14.82	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in- Charge.	each	96.00	84.17	50	4208.26
14.83	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.	sqm	2.50	2.19	200	438.36
14.84	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer- in-Charge.					
	(a) Internal Work- Exposed on wall	metre	2.70	2.37	500	1183.57
14.85	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	each	297.85	261.13	50	13056.55
14.91	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same					

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	membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/ 5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :					
14.91.1	3 mm thick	sqm	535.00	469.05	3000	1407135.60
14.92	Extra for covering top of membrane with Geotextile, 120 gsm non woven, 100% polyester of thickness 1 to 1.25 mm bonded to the membrane with intermittent touch by heating the membrane by Butane Torch as per manufactures recommendation.	sqm	99.75	87.45	500	43726.41
15.0	DISMANTLING AND DEMOLISHING					
15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.					
15.2.2	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	cum	1072.80	940.55	100	94054.52
15.3	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.	cum	2534.70	2222.22	50	111111.11
15.7	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.					
15.7.4	In cement mortar	cum	1469.90	1288.69	50	64434.54
15.8	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50 m (stacks of cleaned bricks shall be measured):					

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15.8.3	From brick work in cement mortar	1000 Nos	4880.90	4279.18	10	42791.83
15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :					
15.12.1	Of area 3 sq. metres and below	each	274.50	240.66	40	9626.39
15.12.2	Of area beyond 3 sq. metres	each	375.65	329.34	40	13173.59
15.13	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :					
15.13.1	Of area 3 sq. metres and below	each	106.55	93.41	40	3736.58
15.13.2	Of area beyond 3 sq. metres	each	140.70	123.35	40	4934.18
15.14	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead :					
15.14.1	Of sectional area 40 square centimetres and above	cum	3345.90	2933.42	2	5866.83
15.17	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:					
15.17.1	R.S. Joists	kg	2.45	2.15	2000	4295.93
15.17.2	Channels, angles, tees and flats	kg	1.70	1.49	1000	1490.42
15.28	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:					
15.28.1	G.S. Sheet	sqm	121.90	106.87	200	21374.43
15.28.2	Asbestos cement sheet	sqm	56.90	49.89	1000	49885.37
15.34	Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of:					
15.34.1	T' or 'L' iron or pipe	each	170.25	149.26	100	14926.16
15.34.2	R.C.C.	each	182.60	160.09	100	16008.91
15.36	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.	kg	26.25	23.01	400	9205.56
15.43	Dismantling 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 :					
15.43.1	Water bound macadam road	sqm	156.00	136.77	100	13676.83
15.43.2	bituminous road	sqm	306.65	268.85	100	26884.62

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15.44	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 :					
15.44.1	15 mm to 40 mm nominal bore	metre	108.15	94.82	40	3792.69
15.44.2	Above 40 mm nominal bore	metre	117.75	103.23	50	5161.69
15.56	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.	sqm	39.00	34.19	1000	34192.08
15.57	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	sqm	42.00	36.82	50	1841.11
15.58	Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars.	cum	2130.00	1867.41	20	37348.27
15.59	Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilometre, as per direction of Engineer-in-charge.	cum	321.25	281.65	10	2816.46
15.60	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.	cum	138.85	121.73	200	24346.51
16.0	ROAD WORK					
ROADS						
16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres.	sqm	156.75	137.43	200	27485.17

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16.3	Supplying and stacking at site.			0.00		0.00
16.3.1	90 mm to 45 mm size stone aggregate	cum	1840.05	1613.21	200	322641.73
16.3.6	Stone screening 13.2 mm nominal size (Type A)	cum	1727.65	1514.67	20	30293.31
16.3.10	Moorum	cum	807.80	708.21	40	28328.58
16.4	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .	cum	767.25	672.66	300	201799.03
16.10	Making bajri path including preparation of subgrade, supplying and laying brick aggregate of 50 mm nominal size 7.5 cm deep with blinding material consisting of 12 mm moorum and 12 mm red bajri consolidated with road roller.	sqm	172.45	151.19	300	45357.11
16.11	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete.	sqm	730.20	640.18	200	128036.19
16.12	Dry brick pitching half brick thick in drains including supply of bricks and preparing the surface complete :					
16.12.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	sqm	568.70	498.59	100	49859.07
16.13	Cutting road and making good the same including supply of extra quantities of materials i.e. aggregate, moorum screening, red bajri and labour required.					
16.13.1	bituminous portion	cum	3677.15	3223.83	20	64476.62
16.13.2	Water bound macadam	cum	2275.95	1995.37	10	19953.71
FENCING						
16.15	Supplying at site :					
16.15.2	Welded steel wire fabric of required width having rectangular mesh painted with two or more coats of enamel paint of approved shade over a coat of primer (Priming & Painting to be paid for separately).	kg	74.35	65.18	500	32592.07

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16.18	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used.					
16.18.1	With G.I. barbed wire	metre	19.05	16.70	2000	33403.03
16.19	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	kg	92.40	81.01	1000	81008.93
16.20	Welded steel wire fabric fencing with posts of specified material and of standard design placed and embedded in cement concrete blocks 45x45x60 cm of mix 1:5:10 (1 cement:5 fine sand : 10 graded stone aggregate 40 mm nominal size), every 15th post, last but one end post and corner post shall be struted on both sides and end post on one side only and struts embedded in cement concrete blocks 70x45x50 cm of the same mix, provided with welded steel wire fabric fixed between the posts fitted and fixed with G.I. staples on wooden plugs or tied to 6 mm bar nibs with G.I. binding wire (cost of posts, welded steel wire fabric, painting, earth work in excavation and concrete to be paid for separately).	sqm	51.00	44.71	300	13413.82
ROAD SIGNS						
16.21	Engraving letters in hard stone	per cm height per letter	8.20	7.19	200	1437.82
16.22	Providing and fixing 15x15x90 cm boundary stone of hard stone with top 30 cm chisel dressed on all four sides including top (cost of excavation, refilling and concrete etc. to be paid for separately).	each	207.75	182.14	20	3642.77

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16.23	Providing and fixing 15 cm dia at top, 20 cm at bottom and 90 cm high precast reinforced cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) boundary stone as per standard design, including finishing smooth with cement mortar 1:3 (1 cement : 3 fine sand) (cost of excavation, refilling and concreting to be paid for separately).	each	663.55	581.75	20	11634.95
PREMIX CARPET						
16.31	Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom.					
16.31.1	With rapid setting bitumen emulsion					
16.31.1.1	On W.B.M / W.M.M. @ 0.4kg/sqm	sqm	11.85	10.39	500	5194.57
16.31.1.2	On bituminous surface @ 0.25kg/sqm	sqm	8.05	7.06	500	3528.80
16.31.2	With medium setting bitumen emulsion					
16.31.2.1	On W.B.M / W.M.M. @ 0.4kg/sqm	sqm	16.65	14.60	500	7298.69
16.31.2.2	On bituminous surface @ 0.25kg/sqm	sqm	11.00	9.64	500	4821.96
	Note - Use of Item No. 16.81.1 shall be restricted only per site at sub zero temperature or for emergency application					
16.32	2 cm premix carpet surfacing with 1.8 cum and 0.90 cum of stone chippings of 13.2 mm size and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately).					
16.32.2	With paving Asphalt grade VG - 30 with no solvent	sqm	199.65	175.04	50	8751.86

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16.33	2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately).					
16.33.2	With paving Asphalt grade VG - 30 with no solvent	sqm	241.00	211.29	100	21128.95
CONCRETE PAVEMENTS						
16.43	Providing and laying design mix cement concrete of M-30 grade, in roads/ taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately).					
	Note:- Cement content considered in M-30 is @ 340 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately.					
16.43.1	Cement concrete prepared with batch mixing machine	cum	8752.35	7673.36	30	230200.81
16.43.2	Cement concrete manufactured in automatic batching plant (RMC plant) i/c transportation to site in transit mixer	cum	9153.75	8025.28	10	80252.76

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16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	sqm	859.35	753.41	50	37670.47
16.69	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	cum	8376.15	7343.54	5	36717.69
16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	cum	2641.40	2315.77	50	115788.41
16.80	Construction of dry lean cement concrete sub base over a prepared sub-grade with coarse and fine aggregate conforming to IS:383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per specifications, cement content not to be less than 150 Kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in	cum	3881.85	3403.30	20	68065.91

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	a batching plant, transported to site, for all leads & lifts, laid with a mechanical paver, compacting with 8-10 tonne vibratory roller, finishing and curing etc. complete as per direction of Engineer-in-charge.					
16.93	Providing and placing in position 100 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways, neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick, 100 mm wide MS sheet duly painted over priming coat, reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	sqm	2525.35	2214.02	20	44280.50
17.0	SANITARY INSTALLATIONS					
17.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, 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:					
17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	5421.50	4753.14	20	95062.75
17.2	Providing and 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, including flush pipe, 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 :					
17.2.1	W.C. pan with ISI marked white solid plastic seat and lid	each	5260.95	4612.38	20	92247.60

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17.5	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required :					
17.5.1	Single half stall urinal with 5 litre P.V.C. automatic flushing cistern	each	9360.60	8206.63	10	82066.25
17.6	Providing and fixing one piece construction white vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I. / PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I clamps and C.P. brass coupling complete, including painting of fittings and cutting and making good the walls and floors etc. wherever required :					
17.6.1	Single squatting plate with 5 litre P.V.C. automatic flushing cistern	each	7240.55	6347.93	10	63479.35
17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:					
17.7.2	White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	each	2751.30	2412.12	10	24121.20
17.7.4	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	each	2510.45	2200.96	10	22009.62
17.7.10	Stainless Steel AISI-304(18/8) Round basin 405x355 mm with single 15 mm C.P. brass pillar tap	each	3788.20	3321.19	10	33211.91
17.7.11	Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap	each	4457.15	3907.67	10	39076.73
17.7A	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:-					

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	(a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	each	4403.80	3860.90	10	38609.00
17.10	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :					
17.10.1	Kitchen sink with drain board					
17.10.1.1	510x1040 mm bowl depth 250 mm	each	5155.95	4520.32	10	45203.24
17.10.1.2	510x1040 mm bowl depth 225 mm	each	5851.70	5130.30	10	51303.02
17.10.2	Kitchen sink without drain board					
17.10.2.1	610x510 mm bowl depth 200 mm	each	3631.55	3183.85	5	15919.26
17.16A	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	each	297.55	260.87	50	13043.40
17.18	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.					
17.18.1	10 litre capacity – White	each	999.95	876.68	30	26300.28
17.20	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :					
17.20.1	White solid plastic seat with lid	each	571.00	500.61	10	5006.07
17.22	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan.	each	116.10	101.79	10	1017.87
17.22A	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	each	883.05	774.19	15	11612.81
17.22B	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge.					
	(a) 15 mm nominal dia	each	6113.60	5359.92	5	26799.58
17.24	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	each	3207.50	2812.08	10	28120.79
17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.					
17.28.1	Semi rigid pipe					

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17.28.1.1	32 mm dia	each	87.70	76.89	20	1537.77
17.28.2	Flexible pipe					
17.28.2.1	32 mm dia	each	101.10	88.64	40	3545.46
17.29	Providing and fixing 100 mm sand cast Iron grating for gully trap.	each	44.60	39.10	30	1173.05
17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	each	1283.05	1124.88	20	22497.51
17.32	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :					
17.32.1	Circular shape 450 mm dia	each	1242.00	1088.89	5	5444.43
17.32.2	Rectangular shape 453x357 mm	each	1120.25	982.15	5	4910.73
17.32.3	Oval shape 450x350 mm (outer dimensions)	each	1185.60	1039.44	5	5197.20
17.33	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	each	841.80	738.02	20	14760.46
17.34	Providing and fixing toilet paper holder :					
17.34.1	C.P. brass	each	583.75	511.79	20	10235.71
17.37	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. :					
17.37.1	For 100 mm dia pipe	each	287.45	252.01	20	5040.26
17.37.2	For 75 mm dia pipe	each	283.40	248.46	20	4969.25
17.38	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.					
17.38.1	100 mm dia					
17.38.1.1	Sand cast iron S&S as per IS – 1729	each	461.65	404.74	25	10118.44
17.38.2	75 mm dia					
17.38.2.1	Sand cast iron S&S as per IS – 1729	each	371.40	325.61	25	8140.35

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17.71	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm 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.	each	158.55	139.00	50	6950.20
17.72	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	each	228.20	200.07	50	10003.38
17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.					
17.73.1	450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms	each	555.35	486.89	20	9737.73
17.73.2	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	each	595.50	522.09	50	26104.34
17.75	Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes, weighing not less than 60 gms.	each	119.75	104.99	10	1049.87
17.81	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge.	each	15457.95	13552.29	3	40656.88
18.0	WATER SUPPLY					
C.P.V.C. PIPES						

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18.7	Providing and 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 1.00 m 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.					
	Internal work - Exposed on wall					
18.7.1	15 mm nominal outer dia Pipes	metre	241.55	211.77	100	21177.17
18.7.2	20 mm nominal outer dia Pipes	metre	306.95	269.11	200	53821.84
18.7.3	25 mm nominal outer dia Pipes	metre	369.20	323.69	200	64737.00
18.7.4	32 mm nominal outer dia Pipes	metre	480.55	421.31	50	21065.39
18.7.5	40 mm nominal outer dia Pipes	metre	648.60	568.64	50	28432.03
18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.					
18.8.1	15 mm nominal outer dia Pipes	metre	409.65	359.15	200	71829.67
18.8.2	20 mm nominal outer dia Pipes	metre	478.15	419.20	100	41920.37
18.8.3	25 mm nominal outer dia Pipes	metre	561.95	492.67	50	24633.64
18.8.4	32 mm nominal outer dia Pipes	metre	679.15	595.42	50	29771.22
18.10	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					
18.10.1	15 mm dia nominal bore	metre	284.90	249.78	20	4995.55
18.10.2	20 mm dia nominal bore	metre	344.10	301.68	20	6033.59
18.10.3	25 mm dia nominal bore	metre	438.00	384.00	20	7680.07
18.11	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 anti corrosive bitumastic paint, cutting chases and making good the wall :					
18.11.1	15 mm dia nominal bore	metre	447.60	392.42	10	3924.20
18.11.2	20 mm dia nominal bore	metre	494.10	433.19	10	4331.87

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18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 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.	per litre	8.80	7.72	5000	38575.68
C.P. BRASS FITTINGS						
18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :					
18.49.1	15 mm nominal bore	each	418.95	367.30	30	11019.06
18.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.					
18.50.1	15 mm nominal bore	each	618.80	542.51	30	16275.43
18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.					
18.51.1	15 mm nominal bore	each	552.35	484.26	30	14527.69
18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.					
18.52.1	15 mm nominal bore	each	606.25	531.51	30	15945.35
18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931					
18.53.1	15mm nominal bore	each	532.00	466.42	50	23320.75
18.53A	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	each	61.25	53.70	200	10739.82
PTMT FITTINGS						
18.54	Providing and fixing PTMT bib cock of approved quality and colour.					
18.54.4	15 mm nominal bore, 90 mm long, weighing not less than 93 gms	each	228.30	200.16	20	4003.10
18.55	Providing and fixing PTMT stop cock of approved quality and colour.					
18.55.1	15 mm nominal bore, 86 mm long, weighing not less than 88 gms	each	116.55	102.18	20	2043.63
18.55.3	Concealed stop cock, 15 mm nominal bore, 108 mm long, weighing not less than 108 gms	each	200.20	175.52	20	3510.39
18.56	Providing and fixing PTMT pillar cock of approved quality and colour.					

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18.56.2	15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms	each	210.05	184.16	20	3683.10
18.58	Providing and fixing PTMT grating of approved quality and colour.					
18.58.1	Circular type					
18.58.1.1	100 mm nominal dia	each	37.90	33.23	10	332.28
18.58.1.2	125 mm nominal dia with 25 mm waste hole	each	51.25	44.93	10	449.32
18.62	Providing and 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.					
18.62.3	25 mm nominal bore, 152mm long, weighing not less than 440 gms	each	474.25	415.78	30	12473.53
18.62.4	40 mm nominal bore, 206mm long, weighing not less than 690 gms	each	728.50	638.69	30	19160.72
18.63	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms	each	155.35	136.20	20	2723.97
18.64	Providing and fixing PTMT swivelling shower, 15 mm nominal bore, weighing not less than 40 gms	each	111.75	97.97	20	1959.47
18.65	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	each	130.50	114.41	30	3432.36
19.0	DRAINAGE					
19.6	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :					
19.6.1	100 mm dia. R.C.C. pipe	metre	415.75	364.50	20	7289.93
19.6.2	150 mm dia. R.C.C. pipe	metre	462.60	405.57	20	8111.41
19.6.3	250 mm dia. R.C.C. pipe	metre	754.45	661.44	5	3307.21
19.6.4	300 mm dia. R.C.C. pipe	metre	863.65	757.18	5	3785.90
19.18	Supplying and fixing C.I. cover without frame for manholes :					
19.18.2	500 mm diameter C.I. cover (medium duty) the weight of the cover to be not less than 58 kg	each	3202.90	2808.05	5	14040.23
19.18.3	560 mm diameter C.I. cover (heavy duty) the weight of the cover to be not less than 108 kg	each	6822.40	5981.33	5	29906.67
19.27	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast					

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	R.C.C. horizontal grating with frame complete as per standard design :					
19.27.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	5209.10	4566.92	5	22834.61
19.28	Constructing brick masonry road gully chamber 45x45x77.5 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) with precast R.C.C. vertical grating complete as per standard design :					
19.28.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	5794.85	5080.46	1	5080.46
19.29	Constructing brick masonry road gully chamber 110x50x77.5 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm precast R.C.C. horizontal grating with frame and vertical grating complete as per standard design :					
19.29.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	9849.15	8634.95	1	8634.95
19.32	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.					
19.32.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	25278.75	22162.39	1	22162.39
21.0	ALUMINIUM WORK					
21.1	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, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the					

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	directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
21.1.1	For fixed portion					
21.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	423.95	371.69	200	74337.09
21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	456.30	400.05	50	20002.37
21.1.1.3	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	kg	464.70	407.41	50	20370.59
21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)					
21.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	513.40	450.11	50	22505.40
21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	546.35	479.00	50	23949.80
21.1.2.3	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	kg	554.95	486.54	50	24326.79
21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / 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):					
21.3.1	With float glass panes of 4.0 mm thickness (weight not less than 10 kg/ sqm)	sqm	999.60	876.37	200	175273.86

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21.3.2	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	sqm	1296.40	1136.58	50	56828.99
21.3.3	With float glass panes of 8 mm thickness (weight not less than 20 kg/ sqm)	sqm	1462.35	1282.07	50	64103.57
21.4	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing 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.					
21.4.1	With stainless steel cover plate minimum 1.25 mm thickness	each	2412.50	2115.09	5	10575.44
21.5	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 stainless steel rawl plugs @ 450 mm centre to centre and fixing the frame work to G.I. level adjusting hangers 6 mm 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).	kg	670.85	588.15	100	58814.76
21.6	Providing and fixing 6 mm dia. G.I. level adjusting hangers (upto 1200mm length), fixed to roof slabs by means of ceiling cleats made out of G.I. flat 40x3mm size 60 mm long and stainless steel expandable dash fastener of 12.5 mm dia and 50 mm long, complete as per direction of Engineer-in-charge.	each	69.95	61.33	10	613.27

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21.7	Providing and fixing machine moulded aluminium covering of approved pattern & design, made out of machine cut aluminium sheet and machine holed for receiving dash fastener, over expansion joints on vertical surfaces/ceiling floors, the fixing on plate in one row on one side of joint only shall be done with stainless steel dash fasteners of 8 mm dia and 75 mm long bolt including providing aluminium washers 2 mm thick & 15 mm dia , at a staggered pitch of 200mm centre to centre including drilling holes in the receiving surface and providing expandable plastic sleeves in holes etc. complete as per direction of Engineer-in-charge.					
21.7.1	Anodised aluminium sheet 2.5mm thick (anodised trans- parent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	582.05	510.29	20	10205.90
21.7.2	Powder coated aluminium sheet 2.5mm thick (minimum thickness of powder coating 50 micron)	kg	614.35	538.61	20	10772.26
21.8	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.					
21.8.1	Upto 5mm depth and 5 mm width	metre	79.45	69.66	40	2786.22
21.12	Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge.					
21.12.1	Anodized (AC 15) aluminium tubular handle bar	each	512.30	449.14	20	8982.87
21.12.2	Powder coated minimum thickness 50 micron aluminium tubular handle bar	each	562.60	493.24	20	9864.85
21.13	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	each	458.55	402.02	5	2010.10

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21.15	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete.					
21.15.2	Powder coated minimum thickness 50 micron aluminium	each	71.55	62.73	5	313.65
22.0	WATER PROOFING					
22.5	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.)	sqm	465.60	408.20	20	8164.02
22.10	Providing and laying six courses water proofing treatment with bitumen felt over roofs consisting of first, third and fifth courses of blown or / and residual bitumen applied hot at 1.45, 1.20 and 1.70 kg per square metre of area respectively, second and fourth courses of roofing felt type 2 grade I (fibre base self finished bitumen felt) six and final courses of stone grit 6 mm and down size or pea sized gravel spread at 6 cubic decimeter per sqm including preparation of surface, excluding grading, compete.	sqm	734.25	643.73	10	6437.32
22.14	Grading roof for water proofing treatment with					
22.14.1	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	cum	6924.65	6070.98	50	303548.96

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22.25.1	For sealing cracks and faulty construction joints, routed out/making U-shape groove size 25x25mm and then primed the area with integral crystalline slurry @0.05kg/ running metre and while the surface is tacky filled the groove upto surface with crystalline mortar @1.50kg/ running metre. Once crystalline mortar is touch dry then finally applied two coats of integral crystalline slurry @ 0.05kg/running metre per coat.	metre	525.70	460.89	100	46089.17
22.25.2	For patching of tie rod holes, prepared tie rod hole surface and then primed the area with integral crystalline slurry @0.070kg/sqm and while the surface is tacky repair and then filled the tie rod holes with crystalline mortar@0.040kg per hole. The crystalline mortar should be tightly rodded into tie rod holes or packed tightly (For 25x25x25 mm tie rod hole, use 0.040kg to fill the hole)	each hole	20.75	18.19	50	909.60
25.0	STRUCTURAL GLAZING ALUMINIUM COMPOSITE PANEL					
25.1	Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings , the aluminium quality as per grade 6063 T5 or T6 as per BS 1474,including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). The weight of aluminium extruded section shall be taken for purpose of payment.	kg	370.45	324.78	20	6495.62

25.3	<p>Providing, assembling and supplying vision glass panels (IGUs) comprising of hermetically-sealed 6-12- 6 mm insulated glass (double glazed) vision panel units of size and shape as required and specified, comprising of an outer heat strengthened float glass 6mm thick, of approved colour and shade with reflective soft coating on surface # 2 of approved colour and shade, an inner Heat strengthned clear float glass 6mm thick, spacer tube 12mm wide, dessicants, including primary seal and secondary seal (structural silicone sealant) etc. all complete for the required performances, as per the Architectural drawings, as per the approved shop drawings, as specified and as directed by the Engineer-in-Charge. The IGUs shall be assembled in the factory/ workshop of the glass processor.</p> <p>(Payment for fixing of IGU Panels in the curtain glazing is included in cost of item No.25.2)</p> <p>For payment, only the actual area of glass on face # 1 of the glass panels (excluding the areas of the grooves and weather silicone sealant) provided and fixed in position, shall be measured in sqm.</p>					
	<p>(i) Coloured tinted float glass 6mm thick substrate with reflective soft coating on face # 2, + 12mm Airgap + 6mm Heat Strengthened clear Glass of approved make having properties as visible Light transmittance (VLT) of 25 to 35 %, Light reflection internal 10 to 15%, light reflection external 10 to 20 %, shading coefficient (0.25- 0.28) and U value of 3.0 to 3.3 W/m² degree K etc. The properties of performance glass shall be decided by technical sanctioning authority as per the site requirement.</p>	sqm	3250.95	2850.17	20	57003.46
26.0	NEW TECHNOLOGIES AND MATERIALS					

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26.10	Providing and fixing factory made Kitchen Cabinet Shutter/Partition 20 mm nominal thickness of approved shade, quality and make, made from rigid foam sheets (Single extruded) having density 600 Kg/cum and laminated on both side by laminate Sheet/PVC foil lamination. The exposed edges shall be sealed with PVC edge beading of same shade and colour. The shutter shall be fire retardent having necessary screw holding capacity. Shutter shall be fixed to frame using approved hinges with necessary stainless steel screws, all complete as per direction of Engineer-in-charge.	sqm	4535.30	3976.19	2	7952.38
REPAIR AND REHABILITATION ITEMS						
26.31.2	Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make	sqm	388.50	340.61	150	51090.86
26.35	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/ masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in-Charge. (The payment shall be made on the basis of actual weight of approved grout injected.)					
26.35.1	Stirrer mixed Acrylic Polymer of approved make @ 2% of weight of cement used) modified Cement slurry made with non shrink compound in concrete/RCC work	kg	97.30	85.30	20	1706.10
26.35.2	Stirrer mixed SBR Polymer (of approved make) modified Cement slurry made with Shrinkage Compensating Cement in concrete/RCC work.	kg	101.55	89.03	10	890.31
26.35.3	Epoxy injection grout in concrete/RCC work of approved make	kg	792.30	694.63	10	6946.25
Non- DSR ITEMS						
1	Hire charges for backhoe loader (JCB) including diesel & driver	Per Hour	800	1	300	240000
2	Hire charges for Tractor with trolley including diesel & driver	Per Day	1350	1	120	162000

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3	False Flooring-Providing and fixing Access Floor panel of 600x600x32 mm medium grade Filled Steel anti static high pressure Lamination of 800H grade (FS800H). Access Floor panel shall be steel welded construction with an enclosed bottom pan with uniform pattern of 64 hemispherical cones. The top and bottom plates of Steel Gauges: top 0.6 mm and bottom 0.7 mm fused spot welded together (minimum 64 welds in each dome and 20 welds along each flange). The panel should be Corrodesistepoxy coated for lifetime rust protection and cavity formed by the top and bottom plate is filled with Pyrogrip noncombustible Portland cementitious core mixed with lightweight foaming compound. The access floor shall be factory finished with Anti-static High Pressure laminate with Non Warp technology upto 1mm thickness for superior adhesion and Surface flatness within 0.75mm. The panel is to withstand a Concentrated Load of 363 kgs applied on area 25mm x 25mm without collapse in the centre of the panel which is placed on four steel blocks. The panel will withstand and Uniformly Distributed Load (UDL) minimum 1250 kg/sqm and an impact load of 50kg all complete as per the approved manufacturers specification and as per the direction of Engineer-in-charge. All specification must be printed on the side of the panel to ensure the quality of the product: 300 mm Finished Floor Height (FFH)	sqm	3,849.49	1	15	57742.35
						1,76,93,808.81

Note –

The above estimate rates are considered from DSR 2018 and it is Excluding of GST. Bidders shall quote price for SOR-A item in price bid Excluding of GST.

(#) Quantities indicated in the above table are tentative only. All the items may or may not be executed either partially or fully. There shall not be any compensation for non-execution of any item or multiple items either partially or fully.

Bidder shall quote for all the items of "SOR" after careful analysis of cost involved for the performance of the complete contract considering supply items as per approved vendor list of construction / consumable materials as mentioned in tender document Section IV – Scope of work and technical specifications and all works involved as mentioned in all parts of the Tender Document. In case any activity though specifically not covered in description of item under "SOR" but is required to complete the works as per Specifications, Scope of Work/ Service, Standards, General Conditions of Contract ("GCC"), Special Conditions of Contract ("SCC") or any other part of Bidding Document, the prices quoted shall be deemed to be inclusive of cost incurred for such activity.

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BOQ/SOR (Schedule of Rate) Part B – Manpower services				
Name of Work:- Annual civil repair & maintenance work at HURL, Sindri Project				
SL No.	Components	USW	SSW	SW
1	Basic (a)	546	617	724
2	EPF @ 13% of (a)	70.98	80.21	94.12
3	ESI @3.25%	17.75	20.05	23.53
4	Leave Benefit @ 5%	27.3	30.85	36.2
5	Retrenchment benefit @4.8% of (a)	26.21	29.62	34.75
6	Bonus @ 8.33% of (a)	45.48	51.40	60.31
7	Total b	733.71	829.12	972.91
8	Contractor Profit @ 10% of (b)	73.37	82.91	97.29
9	Safety @ 2 % of (a)	10.92	12.34	14.48
10	PMJJY/PMSBY @ 1.097 per day	1.097	1.097	1.097
11	Total with Contractor's Profit	819.10	925.47	1085.78
12	Total without Contractor's Profit	745.73	842.56	988.49
13	Total No of Manpower	1	2	1
14	Total For 1 Month (26 Days)	21296.60	48124.44	28230.28
15	Total For One Year (12 Months)	255559.20	577493.28	338763.36
	Total Rs. =	11,71,815.84		

Note:

1. For Annual contract 312 days is considered for calculation of Man Days. Wages will be reimbursed for actual attendance only as certified by EIC against each monthly RA bill.
2. The above minimum wages rates are considered in compliance with order ref no.- F.No. 1/26(3)/2021-LS-II dated 28-10-2021 issued from office of Chief Labour Commissioner, Ministry of Labour & Employment, GOI.
3. Reimbursement towards PMSBY & PMJJY is subject to payment & submission of proof by the contractor.
4. Contractor profit/Service Charges will be paid on Gross Total only (as indicated in S.N. 7). Contractor profit/Service Charges per man day will be calculated from quoted percentage rate by bidder in price bid.
5. In case of revision of Minimum Wages & other statutory (EPF, Bonus, Retrenchment), the same will be reimbursed. However, contractor profit/ Service Charges will not increase on escalated wages.
6. Reimbursement of perks such as PF, ESI, Bonus, Leave Benefits, Retrenchment benefits, insurance etc will be made up on submission of documentary proofs.

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Format of Price Bid (BOQ)/ Financial Bid
BoQ1 –SOR Part-A

A	B	D	E	F	BA	BC	BD
<input type="button" value="Validate"/> <input type="button" value="Print"/> <input type="button" value="Help"/>		Percentage BoQ					
Tender Inviting Authority: BUH,HURL Sindri project							
Name of Work:Annual Civil Repair & Maintenance work at HURL Sindri Project							
Contract No: HURL/Sindri/C&M/21-2V1596 Dated 10.02.2022							
Name of the Bidder/ Bidding Firm /							
PRICE SCHEDULE [This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only]							
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #	
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words	
1	2	3	4	5	6	7	
1	SOR PART A						
1.01	SOR PART A	1.000	Nos	17693808.81	17693808.81	INR One Crore Seventy Six Lakh Ninety Three Thousand Eight Hundred & Eight and Paise Eighty	
Total in Figures					17693808.81	INR One Crore Seventy Six Lakh Ninety Three Thousand Eight Hundred & Eight and Paise Eighty	
Quoted Rate in Figures			Select		0.00	INR Zero Only	
Quoted Rate in Words		INR Zero Only					

- Bidder shall quote percentage above/below as applicable for SOR Part-A
- The quoted rate/amount by the bidder shall be inclusive of all taxes and duties etc. but exclusive of the GST. Bidder must quote their rates exclusive of GST. The GST shall be paid extra as per applicable rates.

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Format of Price Bid (BoQ2)/ Financial Bid
BOQ2 – Supply of Manpower as mentioned in SOR Part-B

A	B	D	E	F	O	BB	BC	BD
<div style="display: flex; justify-content: space-between;"> Validate Print Help </div>		Percentage BoQ						
Tender Inviting Authority: BUH,HURL Sindri project								
Name of Work: Annual Civil Repair & Maintenance work at HURL Sindri Project								
Contract No: HURL/Sindri/C&M/21-2/1596 Dated 10.02.2022								
Name of the Bidder/ Bidding Firm /								
PRICE SCHEDULE <small>[This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only]</small>								
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER	NUMBER #	TEXT #	
Sl. No.	Item Description	Quantity	Units	Minimum wages Excluding Contractor Profit in Rs. P	Contractor's Profit per Mandays in Rs. P	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words	
1	2	3	4	5	15	54	7	
1	Manpower Cost Estimates							
1.01	Un-skilled manpower	312.000	Mandays	745.73	0.00	232667.76	INR Two Lakh Thirty Two Thousand Six Hundred	
1.02	Semi-skilled Manpower	624.000	Mandays	842.56	0.00	525757.44	INR Five Lakh Twenty Five Thousand Seven	
1.03	Skilled Manpower	312.000	Mandays	988.49	0.00	308408.88	INR Three Lakh Eight Thousand Four Hundred & Eight and Paise Eighty Eight Only	
Quoted Rate in Figures			Select			0.00	INR Zero Only	
Quoted Rate in Words		INR Zero Only						

Note: -

- For items mentioned in SOR Part-B, the bidder has to quote in BOQ2 of price bid. Bidder is required to quote contractor profit in percentage up to two decimals only in BOQ2 for each line item (i.e. for supply of Unskilled manpower, Semi-skilled manpower and Skilled manpower). Bidder shall not quote negative contractor service charge for SOR Part-B items.
- The quoted rate/amount by the bidder shall be inclusive of all taxes and duties etc. but exclusive of the GST. Bidder must quote their rates exclusive of GST. The GST shall be paid extra as per applicable rates.

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SECTION – VII : FORMS AND PROCEDURES (NIT)**INDEX**

Annexure	Description
1	Techno-Commercial Proposal Bid Form
2	Summary Details to be filled against Pre-Qualification Criteria (PQC)
3	Format for Electronics Payment
4	Declaration on Company Letter Head
5	Tender Acceptance Letter
6	No deviation Certificate
7	Certificate from CEO/MD/ Legally Authorised Signatory
8	Acceptance to Fraud Prevention Policy of HURL
9	Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India
10	Format of Performance Bank Guarantee
11	Format for Contract Agreement

Annexure-1

**TECHNO-COMMERCIAL PROPOSAL BID FORM
(To be Submitted on the Letter Head of Bidder)**

Bidder's Techno-Commercial Proposal Ref. No.:

Bidder's Name & Address :

Date:

Person to be contacted :

Designation :

Tel. No(s). :

Mobile No. :

Fax No(s). :

E-mail address:

To

BUH, HURL SINDRI PROJECT / MANAGER (C&M),
Hindustan Urvarak & Rasayan Limited, Sindri Project,
Old FCIL Office Complex,
Sindri, Dhanbad , PIN - 828122

Dear Sirs,

- 1.0 Having examined the Bidding Documents reference No. HURL/Sindri/C&M/21-22/1596 Dated 10.02.2022 , including its subsequent amendments and clarifications, if any, issued by Owner, the receipt of which is hereby acknowledged, we the undersigned, offer to complete the work under the above-named Package in full conformity with the said Bidding Documents and hereby furnish our Techno-Commercial Proposal.
- 2.0 We have understood the instructions and the terms & conditions mentioned in the Bidding Documents furnished by you and have thoroughly examined the specifications laid down by you in the Bidding Documents and are fully aware of the nature of consultancy services required.

Attachments to the Bid form (Techno-Commercial Bid):

In line with the requirement of the Bidding Documents we enclose herewith the following Attachments to the Bid Form (Techno-commercial) Bid:

- q) Power of Attorney as per requirement mentioned in NIT.
- r) Signed, Stamped and Scanned copy of proof for payment of Earnest Money Deposit (EMD) / MSE Certificate for exemption.
- s) Similar work experience Documents as required in accordance with Clause 5.1 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document
- t) Audited Annual Statements (Balance Sheet and Profit & Loss account statements) in accordance with Clause 5.2 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document

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- u) Signed, Stamped and Scanned copy of Company Registration certificate, GSTIN Registration, PAN Card, EPF Registration and other documents in accordance with Clause 5.3 of Qualifying Requirements / Pre-Qualification Criteria (PQC) of tender document
- v) Signed, Stamped and Scanned copy of last three financial year ITR
- w) Signed, Stamped and Completely filled with required details in Annexure-1 and Annexure-2 in Forms and Procedures i.e., Section VII.
- x) Signed, Stamped and Scanned copy of Format for Electronics Payment (Enclosed as Annexure-3 to Forms and Procedures i.e., Section VII)
- y) Signed, Stamped and Scanned copy of Declaration on company letter head as specified in Annexure-4 in Forms and Procedures i.e., Section VII.
- z) Signed, Stamped and Scanned copy of Tender Acceptance Letter as as specified in Annexure-5 in Forms and Procedures i.e., Section VII.
- aa) Signed, Stamped and Scanned copy of No deviation Certificate as specified in Annexure-6 in Forms and Procedures i.e., Section VII.
- bb) Signed, Stamped and Scanned copy of Certificate from CEO/MD/ Legally Authorized Signatory, in the format as enclosed as Annexure-7 to Forms and Procedures i.e., Section VII to Bidding Document shall be furnished certifying that the data and documents furnished by them in respect of Techno-Commercial Evaluation are true and correct including the contents thereof. However, if at any point of time the declarations given in bid are found to be incorrect, HURL shall have the full right to terminate the contract and take any action as per provisions of contract including forfeiture of EMD/Security Deposit. Stamped & Scanned copy of format For Electronics Payment as per Annexure-E
- cc) Acceptance to Fraud Prevention Policy of HURL, for which the bidder has to submit Signed, Stamped and Scanned copy of Form of Acceptance of Fraud Prevention Policy of HURL. (Enclosed as Annexure-8 to Forms and Procedures i.e., Section VII).
- dd) Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India” i.e. (Enclosed as Annexure-9 to Forms and Procedures i.e., Section VII).
- ee) Documents in compliance to Scope of Work and Technical Specifications Any other document asked for in the Bidding Documents.
- ff) Any Other Document asked for in the Bidding Document

3.0 COMPLIANCE TO THE PROVISIONS OF THE BIDDING DOCUMENTS

- 3.1 We have read all the provisions of the Bidding Documents and confirm that notwithstanding anything stated elsewhere in our bid to the contrary, the provisions of the Bidding Documents, are acceptable to us and we further confirm that we have not taken any deviation to the provisions of the Bidding Documents anywhere in our bid.

We have furnished our compliance to the provisions of the Bidding Documents and its subsequent Amendment(s)/Clarification(s)/Addenda/Errata by furnishing “NO DEVIATION CERTIFICATE”.

We hereby confirm that any deviation, variation or additional condition etc. or any mention, contrary to the

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provisions of Bidding Documents and its subsequent Amendment(s)/Clarification(s)/ Addenda/Errata (if any) found anywhere in our bid proposal, implicit or explicit shall stand unconditionally withdrawn, without any cost implication whatsoever to the Owner, failing which our bid security shall be forfeited.

- 3.2 We further declare that additional conditions, variations, deviations, if any, found in the bid, shall not be given effect to.
- 4.0 We undertake, if our bid is accepted, to commence the work immediately upon your Notification of Award to us.
- 5.0 We agree to abide by this bid for a period 120 days from the date of opening of Techno-Commercial bids as stipulated in the Bidding Documents and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.
- 3.0 Until a formal Contract Agreement is prepared and executed between us, the bids, together with your written acceptance thereof in the form of your Notification of Award shall constitute a binding contract between us.
- 4.0 We understand that you are not bound to accept our bid or any other bid you may receive.
- 5.0 We, hereby, declare that only the persons or firms interested in this proposal as principals are named here and that no other persons or firms other than those mentioned herein have any interest in this proposal or in the Contract to be entered into, if the award is made on us, that this proposal is made without any connection with any other person, firm or party likewise submitting a proposal, is in all respects for and in good faith, without collusion or fraud.
- 6.0 We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
- 7.0 We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature)

Date
Place

Name & Designation.....
Name of the Company.....

(Seal of Company)

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Annexure-2**Summary Details to be filled against Pre-Qualification Criteria (PQC)**

To, Tender Committee, HURL Sindri Project. Sindri, Dhanbad, Jharkhand – 828122		Date:					
Tender No:		Tender No.: HURL/Sindri/C&M/21-22/1596 Dated 10-02-2022					
Work of the subject tender		“Annual Civil Repair & Maintenance work at HURL, Sindri Project”					
Bidder's Name							
In order to meet the Qualifying Requirement of above tender No., we submit as under:							
Summary of Details & Documents in Support of PQC							
PQC 5.3	GST/PAN/EPF Details	GSTIN Number					
		PAN Number					
		EPF Number					
	Type of Firm	(Proprietorship/ partnership/ limited companies)					
PQC 5.2	Details of Annual Turn Over for the preceding three years.	Financial Year	Turnover (Rs.)				
		Average Annual Turnover for the preceding three (3) financial years					
PQC 5.1 – Details of Similar Work Experiences							
S.N	Description of Work	Work Order No. & Date	Work Order Value	Completion Certificate No.	Completion Certificate Date	Actual Date of Completion	Actual Executed Value

Note: Bidder must submit all requisite documents mentioned above in support of their meeting the PQC requirement.

Yours Faithfully,

(Signature of the Bidder with Official Seal)

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Format For Electronics Payment

Bidders are required to submit the following details on the company's letter head for online transfer of amount to their account:

1.	Contractor Name / Company Name	
	Address:	
	Phone No.	
	E-mail ID	
2. a	Name of the Bank	
b.	Address of the Branch	
c.	Telephone No.	
d.	9 Digit Code number of the Bank and Branch appearing on the MICR Cheque issued by the Bank	
e.	11 Digit NEFT/IFSC Code of the Bank Branch	
f.	Account Type (SB/CC/CA)	
g.	Bank Account No. (as appearing on the Cheque)	
h.	Permanent Account Number (PAN) Under Income Tax Act.	
I	GST Registration Number	
j.	Name of Authorized Signatory	
k.	Contact Person Name	

We hereby declare that the particulars given above are correct and complete

Name

Designation

Date

Authorized signatory of the bidder

Sign & Stamp of Bidder

TO BE SUBMITTED ON COMPANY LETTER HEAD

DECLARATION

I, _____, being proprietor / partner / Director /authorized representative of M/s _____, do hereby solemnly affirm and state as under:

1. I, am submitting the tender for the work of “Annual civil repair & maintenance work at HURL, Sindri Project” against Tender Notice Number HURL/Sindri/C&M/21-22/1596 Dated 10 .02.2022 .
1. That I/ we/ our partners/ directors do not have any relative working in Hindustan Urvarak & Rasayan Limited.
2. That I/we hereby declare that M/s_____is neither put on Holiday nor Black-listed by any Government/ PSU/ Private firm or Financial Institution.
3. That all information furnished by me/ us in respect of fulfilment of eligibility criteria and information given in this tender is complete, correct and true.
4. That all documents / credentials submitting along with this tender are genuine, authentic, true and valid.
5. That the price bid is unconditional.
6. That I/ we shall comply with all the statutory provisions as laid down under various Labour Laws/ Acts/ Rules like minimum wages, Provident Fund, ESI, Bonus, Gratuity, Contract Labour Act and other Labour Laws/ Acts/ Rules in force from time to time at my/ our own cost.
7. I/We indemnify hereby HURL against all repercussions arising out of non- compliance of the foregoing in any case.
8. That if any information or document submitted is found to be false/ incorrect, the Department may cancel my/ our tender and action as deemed fit may be taken against me/ us including termination of the contract, forfeiture of all dues including earnest money and blacklisting of me/ our firm and all partners of the firm etc.

(Signature)

Date:

Name & Designation.....

Place:

Name of the Company.....

(Seal of Company)

`Sign & Stamp of Bidder

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:

To,
Hindustan Urvarak & Rasayan Limited, Sindri Project,
Old FCIL Office Complex,
Sindri, Dhanbad , PIN - 828122

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No:

Name of Tender / Work: -

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned Tender/Work' from the web site(s) namely: _____ as per your advertisement, given in the above-mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents to (including all documents like annexure(s), schedule(s), etc .,), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract , without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

`Sign & Stamp of Bidder

DECLARATION FOR “NO DEVIATION”**(To be submitted on the Letter Head of the Bidder duly signed by Authorised Signatory)**

Bidder's Name & Address :	To, Hindustan Urvarak & Rasayan Limited, Sindri Project, Old FCIL Office Complex, Sindri, Dhanbad , Jharkhand, PIN - 828122
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1. With reference to our Bid Proposal No. dated for the work of “Annual civil repair & maintenance work at HURL, Sindri Project ” against Tender Notice Number **HURL/Sindri/C&M/21-22/1596 Dated 10.02.2022** , we hereby confirm that we comply with all terms, conditions and specifications of the Bidding Documents read in conjunction with Amendments(s) / Clarification(s) / Addenda / Errata (if any) issued by the Owner prior to opening of Techno – Commercial Bids and the same has been taken into consideration while making our Techno – Commercial Bid & Financial Bid and we declare that we have not taken any deviation / exceptions in this regard.
2. We further confirm that any deviation variation or additional conditions etc. or any mention, contrary to the Bidding Documents and its Amendments(s) / Clarification(s) / Addenda / Errata (if any) as mentioned at 1.0 above found anywhere in our Techno – Commercial Bid and / or Financial Bid, implicit or explicit, shall stand unconditionally withdrawn, without any cost implication whatsoever to the Owner, failing which the Bid Security shall be forfeited.

Yours faithfully,
(Signature)

Date:

Name & Designation.....

Place:

Name of the Company.....

(Seal of Company)

`Sign & Stamp of Bidder

Annexure-7

PROFORMA OF CERTIFICATE

(TO BE SUBMITTED BY CEO/MD/ LEGALLY AUTHORISED SIGNATORY OF THE BIDDING COMPANY ON COMPANY'S LETTER HEAD IN ORIGINAL)

Ref. :

Date:

To

BUH, HURL Sindri Project / Manager (C&M),
Hindustan Urvarak & Rasayan Limited,
(A JV of CIL, NTPC, IOCL, FCIL & HFCL)
Sindri Project, Old FCIL Office Complex, PO- Sindri
Dhanbad, Jharkhand PIN – 828122

Sub:

Bidding Doc. No.

Dear Sir,

I, Mr. (CEO of the company / MD of the company), hereby certify that the data and documents furnished by M/s..... in respect of Techno-Commercial Evaluation are true and correct including the contents thereof.

I further, confirm that if at any point of time the declarations given in bid are found to be incorrect, HURL shall have the full right to terminate the contract and take any action as per provisions of contract including forfeiture of EMD/Security Deposit.

Yours faithfully,

(Signature)

Date

Name & Designation.....

Place

Name of the Company.....

(Seal of Company)

`Sign & Stamp of Bidder

(FORM OF ACCEPTANCE OF FRAUD PREVENTION POLICY OF HURL)

(To be submitted on the Letter Head of the Bidder duly signed by Authorised Signatory)

Ref. :

Date:

To
BUH, HURL Sindri Project / Manager (C&M),
Hindustan Urvarak & Rasayan Limited,
(A JV of CIL, NTPC, IOCL, FCIL & HFCL)
Sindri Project, Old FCIL Office Complex, PO- Sindri
Dhanbad, Jharkhand PIN – 828122

Sub: **FORM OF ACCEPTANCE OF FRAUD PREVENTION POLICY OF HURL**

Bidding Doc. No.

We have read the contents of the Fraud Prevention Policy of HURL displayed on its website
<http://www.hurl.net.in> and undertake that we shall strictly abide by the provisions of the said Fraud Prevention
Policy of HURL.

Date: (Signature of Authorized Signatory)

Place : (Printed Name)

(Designation).....

(Company Seal)

Sign & Stamp of Bidder

Model Certificate For Tenders For Works involving possibility of sub-contracting

(TO BE SUBMITTED BY AUTHORISED SIGNATORY OF THE BIDDING COMPANY ON BIDDERS LETTER HEAD IN ORIGINAL)

Bid Ref No. :

Bidder's Name and Address:

To,
BUH, HURL Sindri Project / Manager (C&M),
Hindustan Urvarak & Rasayan Limited,
(A JV of CIL, NTPC, IOCL, FCIL & HFCL)
Sindri Project, Old FCIL Office Complex, PO- Sindri
Dhanbad, Jharkhand PIN – 828122

Dear Sir,

We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries as per the guidelines dated 23.07.2020 & 24.07.2020 issued by Department of Expenditure (DOE), Ministry of Finance; We hereby certify that we/our collaborator/ JV partner/ Consortium member/ Assignee is not from such a country and are eligible to be considered. We further certify that we will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. We hereby certify that we fulfill all the requirements in this regard.

Yours faithfully,

(Signature)

Date

Name & Designation.....

Place

Name of the Company.....

(Seal of Company)

Note: - Bidders not furnishing this aforesaid declaration shall be considered to be from such Countries.

`Sign & Stamp of Bidder

Performance Security Form

(To be stamped in accordance with Stamp Act if any, of the Country of the Issuing Bank)

Bank Guarantee No.....

Date.....

To,

BUH, HURL Sindri Project / Manager (C&M),
 Hindustan Urvarak & Rasayan Limited,
 (A JV of CIL, NTPC, IOCL, FCIL & HFCL)
 Sindri Project, Old FCIL Office Complex, PO- Sindri
 Dhanbad, Jharkhand PIN – 828122

Dear Sirs,

In consideration of the[*Owner's Name*]..... (hereinafter referred to as the 'Owner' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and assigns) having awarded to M/s[*Bidder's Name*]..... with its Registered /Head Office at (hereinafter referred to as the 'Bidder', which expression shall unless repugnant to the context or meaning thereof, include its successors administrators, executors and assigns), a Contract by issue of Owner's Notification of Award No. dated..... and the same having been unequivocally accepted by the Bidder, resulting into a Contract bearing No..... dated valued at for and the Bidder having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equivalent to(*).....% (..... percent) of the said value of the Contract to the Owner.

We[*Name & Address of the Bank*].....having its Head Office at.....(hereinafter referred to as the 'Bank', which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the Owner, on demand any and all monies payable by the Bidder to the extent of(*)..... as aforesaid at any time upto(@)..... [*days/month/year*] without any demur, reservation, contest, recourse or protest and/or without any reference to the Bidder. Any such demand made by the Owner on the Bank shall be conclusive and binding notwithstanding any difference between the Owner and the Bidder or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the Owner and further agrees that the guarantee herein contained shall be enforceable till ninety (90) days after expiry of its validity.

The Owner shall have the fullest liberty, without affecting in any way the liability of the Bank under this guarantee, from time to time to extend the time for performance of the Contract by the Bidder. The Owner shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Bidder, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the Owner and the Bidder or any other course or remedy or security available to the Owner. The Bank shall not be released of its obligations under these presents by any exercise by the Owner of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the Owner or any other indulgence shown by the Owner or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank.

`Sign & Stamp of Bidder

The Bank also agrees that the Owner 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 Bidder and notwithstanding any security or other guarantee that the Owner may have in relation to the Bidder's liabilities.

Notwithstanding anything contained hereinabove our liability under this guarantee is restricted to(*)..... and it shall remain in force upto and including(@)..... and shall be extended from time to time for such period (not exceeding one year), as may be desired by M/s[Bidder's Name]..... on whose behalf this guarantee has been given.

Dated thisday of.....20..... at.....

WITNESS :

.....	(Signature).....
(Signature)	
.....	
(Name)	(Name).....
.....
(Official Address) (Designation with Bank Stamp)	

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

Notes : 1. (*) This sum shall be ten percent (10%) of the Contract Price.

(@) This date will be ninety (90) days beyond the completion date for for work plus defect liability period (if any)

2.The stamp papers of appropriate value shall be purchased in the name of guarantee issuing Bank.

3.While getting the Bank Guarantee issued, the Bidder is required to ensure compliance to the points mentioned in relevant Form of Bank Guarantee Verification Check List. Further, the Bidder is required to fill up this Form and enclose the same with the Bank Guarantee.

4.The Bank Guarantee shall be from any Scheduled / Commercial Bank recognised by Reserve Bank of India.

`Sign & Stamp of Bidder

FORMAT OF CONTRACT AGREEMENT

(To be executed on non-judicial stamp paper of appropriate value)

THIS CONTRACT AGREEMENT is made the _____ day of _____, 20____..

BETWEEN

(1) *[Name of Owner]*, a corporation incorporated under the laws of *[country of Owner]* and having its principal place of business at *[address of Owner]* (hereinafter called "the Owner"), and (2) *[name of Contractor]*, a corporation incorporated under the laws of *[country of Contractor]* and having its principal place of business at *[address of Contractor]* (hereinafter called "the Contractor")

WHEREAS the Owner desires to engage the Contractor to*[scope of work]*..... and the Contractor have agreed to such engagement upon and subject to the terms and conditions hereinafter appearing.

NOW IT IS HEREBY AGREED as follows:

ARTICLE 1. CONTRACT DOCUMENTS

1.1 The following documents shall constitute the Contract between the Owner and the Contractor, and each shall be read and construed as an integral part of the Contract:

- a) This Contract Agreement and the Appendices hereto
- b) Letter of Award .. Ref. No
- c) Amendment to the NIT document.
- d) Instruction to Bidders
- e) Special Conditions of Contract
- f) General Conditions of Contract
- g) Technical Specifications and Drawings
- (f)The Bid and Price Schedules submitted by the Bidder

1.2 Order of Precedence

In the event of any ambiguity or conflict between the Contract Documents listed above, the order of precedence shall be the order in which the Contract Documents are listed in Article 1.1(Contract Documents) above.

1.3 Definitions

Capitalized words and phrases used herein shall have the same meanings as are ascribed to them in the General Conditions of Contract.

ARTICLE 2. CONTRACT PRICE AND PAYMENT TERMS

2.1 Contract Price

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The Owner hereby agrees to pay to the Contractor the Contract Price in consideration of the performance by the Contractor of its obligations hereunder. The Contract Price shall be the aggregate of: *[amount of foreign currency in words]*, *[amount in figures]*, and *[amount of local currency in words]*, *[amount in figures]*, or such other sums as may be determined in accordance with the terms and conditions of the Contract.

2.2 Payment Terms

Payment shall be made by the Owner to the Contractor as per the provisions of Bidding Documents.

ARTICLE 3. EFFECTIVE DATE FOR DETERMINING TIME FOR COMPLETION

The Completion period of the Project shall be determined from the date of Letter of Award.

ARTICLE 4. NON-ASSIGNABILITY

The Contract and benefits and obligations thereof shall be strictly personal to the CONTRACTOR and shall not on any account be assignable or transferable by the CONTRACTOR.

ARTICLE 5. GOVERNMENT OF INDIA NOT LIABLE

It is expressly understood and agreed by and between the Contractor and the Owner that the Owner is entering into this Agreement solely on its own behalf and not on behalf of any other person or entity. In particular it is expressly understood and agreed that the Government of India is not a party to this Agreement and has no liabilities, obligations or rights hereunder. It is expressly understood and agreed that the Owner is an Independent legal entity with power and authority to enter into contracts solely on its own behalf under the applicable laws of India and the general principles of Contract Law. The Contractor expressly agrees, acknowledges and understands that the Owner is not an Agent, Representative or Delegate of the Govt. of India. It is Further understood and agreed that the Government of India is not and shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the Contract. Accordingly, the Contractor expressly waives, releases and foregoes any and all actions or claims, including cross claims, impleader claims or counter claims against the Government of India arising out of this Contract and covenants not to sue the Government of India in any manner, claim, cause of action or thing whatsoever arising out of or under this Contract.

ARTICLE 6. Appendices

The Appendices listed in the attached list of Appendices shall be deemed to form an integral part of this Contract Agreement.

Reference in the Contract to any Appendix shall mean the Appendices attached hereto, and the Contract shall be read and construed accordingly.

ARTICLE 7. NO LIABILITY ON DIRECTOR AND EMPLOYEE

No Director, employee, consultant or agent of the OWNER or other person representing the OWNER or acting on behalf of the OWNER in or pursuant to the Contract or in the discharge of any obligation to the OWNER under the Contract or otherwise in relation to the Contract shall have any personal liability to the CONTRACTOR or any Sub-Contractor, agent, representative, director or employee of the CONTRACTOR or to any other person acting for or on behalf of the CONTRACTOR and the CONTRACTOR on its own behalf and on behalf of its Sub Contractors, directors, employees, agents and representatives hereby waives and disclaims any and all right

Sign & Stamp of Bidder

of action which it or they may have whether under tort or Contract or otherwise against the OWNER or any director, employee, agent, consultant or representative of the OWNER for act of omission or commission done or omitted to be done.

ARTICLE 8. WAIVER

No failure or delay by the OWNER in enforcing any right or remedy of the OWNER in terms of the CONTRACT or any obligation or liability of the CONTRACTOR in terms thereof, shall be deemed to be a waiver of such right, remedy, obligation or liability, as the case may be, by the OWNER and notwithstanding such failure or delay, the OWNER shall be entitled at any time to enforce such right, remedy, obligation or liability, as the case may be.

ARTICLE 9. LANGUAGE OF CONTRACT AND COMMUNICATION

The language of the Contract shall be English and all communications, drawings, design, data, information, codes specifications and other document whatsoever supporting the bid or otherwise exchanged under the Contract shall be in English. In the event that any technical documentation is in any language other than English, the document should be translated and presented to the OWNER/Project Manager in English and English document/translated document shall be regarded as the only authentic document.

IN WITNESS WHEREOF the Owner and the Bidder have caused this Agreement to be duly executed by their duly authorized representatives the day and year first above written.

Signed by for and on behalf of the Owner

[Signature]

[Title]

in the presence of

Signed by for and on behalf of the Bidder

[Signature]

[Title]

in the presence of _____

CONTRACT AGREEMENT

dated the _____ day of _____, 20_____

BETWEEN

["the Owner"]

and

["the Bidder"]

`Sign & Stamp of Bidder