



**Government
eProcurement
System**

eProcurement System Government of India

Tender Details

Date : 19-Jan-2021 04:38 PM

Print

Basic Details

Organisation Chain	Hindustan Urvarak and Rasayan Limited Sindhri-Jharkhand - HURL		
Tender Reference Number	HURL/Sindri/CnM/20-21/1200		
Tender ID	2021_HURL_610693_1		
Tender Type	Open Tender	Form of contract	Works
Tender Category	Works	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Offline	S.No	Instrument Type
	1	Bankers Cheque
	2	R-T-G-S
	3	ECS
	4	NEFT

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Documents as per NIT , Checklist19.3 ,Page No.-9 S.No I
		.pdf	Documents as per NIT , Checklist19.3 ,Page No.-9 S.No II
		.pdf	Documents as per NIT , Checklist19.3 ,Page No.-9 S.No III
		.pdf	Documents as per NIT , Checklist19.3 ,Page No.-9 S.No IV,V,VI,VII,IX,X and XI
		.pdf	Documents as per NIT , Checklist19.3 ,Page No.-9 S.No VIII
2	Finance	.xls	Price Bid

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	80,000	EMD through BG/ST or EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Payable To Hindustan Urvarak and Rasayan Limited	EMD Payable At	Payable At Delhi

Work /Item(s)

Title	Renovation of B-2 Quarter at HURL Sindri Project
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Work Description	Renovation of B-2 Quarter at HURL Sindri Project				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Tender Value in ₹	39,98,704	Product Category	Civil Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work(Days)	120
Location	Sindri Dhanbad	Pincode	828122	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Sindri Dhanbad
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	19-Jan-2021 04:00 PM	Bid Opening Date	04-Feb-2021 04:00 PM
Document Download / Sale Start Date	19-Jan-2021 04:00 PM	Document Download / Sale End Date	03-Feb-2021 04:00 PM
Clarification Start Date	19-Jan-2021 04:00 PM	Clarification End Date	03-Feb-2021 04:00 PM
Bid Submission Start Date	19-Jan-2021 04:00 PM	Bid Submission End Date	03-Feb-2021 04:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	Renovation of B-2 Quarter at HURL Sindri Project	656.40	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_641865.xls	Price Bid	255.50
	2	Tender Documents	Tenderdocument.pdf	Renovation of B-2 Quarter at HURL Sindri Project	642.68

Tender Inviting Authority

Name	General Manager BUH
Address	OLD FCIL OFFICE COMPLEX SINDRI DHANBAD 828122

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 CPPP 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 submission, failing which the bid shall be liable for rejection.

For & on behalf of
HURL, Sindri

Manager, Contracts

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INSTRUCTION TO BIDDERS

1. Online bids are invited on two bid system for **“Renovation of B-2 Quarter at HURL Sindri Project” Tender No.: HURL/Sindri/C&M/20-21/1200 Dated 19.01.2021**. 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 tender
4. **Critical Date Sheet:**

Published Date	19.01.2021 (04.00PM)
Bid Document Download / Sale Start Date	19.01.2021 (04.00PM)
Bid Submission Start Date	19.01.2021 (04.00PM)
Bid Document Download / Sale End Date	03.02.2021 (04.00PM)
Bid Submission End Date	03.02.2021 (04.00PM)
Bid Opening Date	04.02.2021 (04.00PM)

5. Technical Qualification:

- 5.1 The Bidder must have satisfactorily executed Similar Works* in Government Sector or large reputed Private Sector Enterprises during the last seven years ending last day of month previous to the one in which bids are invited with minimum work order (s) as per below:
- (i) One completed work with contract value (exclusive of GST) not less than the amount equal to ₹31.98 lakh
or
 - (ii) Two completed works each with contract value (exclusive of GST) not less than the amount equal to ₹20 lakh
or
 - (iii) Three completed works each with contract value (exclusive of GST) not less than the amount equal to ₹16 lakh

As a documentary proof, the bidder shall submit signed and stamped copies of the following Documents-

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- 5.1.1 Copy of Work Orders performed in last 7 years with full technical details including detailed Scope of the Work 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 the LOI / Work Order no., Name of Work, Contract Value, Scope of Work, Contract period and actual Date of Completion.
- 5.1.3 As a documentary proof for above, the bidder shall submit attested photo copies of work orders performed with full technical details including detailed scope of work and completion/Acceptance certificate from End user/Owner regarding satisfactory completion indicating the period of completion. Completion certificate for works issued by a private organization shall be supported by TDS certificates.

*Similar Works means: The bidder shall have experience in the similar field of repair and renovation of residential/official/commercial buildings or construction of new residential/official/commercial buildings including finishing items in the Government Sector or large reputed Private Sector Enterprises. 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.

- 5.2 Average Annual financial turnover during last three (03) financial years of the bidder should be at least INR 12.00 Lakhs. For evaluation of same, Bidder shall submit Audited Annual Statements (Balance Sheet and Profit & Loss account) of the company for last three (3) financial years. Last three (03) financial years will be considered as i.e. FY 2019-20, 2018-19 & 2017-18. In case, the bidder has not obtained audited balance sheet and Profit & Loss statement of FY2019-20, then they shall mention the same in writing on their letter head and submit audited balance sheet and Profit & Loss statement of Financial year 2018-19, 2017-18 & 2016-17. The same will be considered for evaluation of average financial turnover. Audited annual statement shall be certified by CA with membership number.
- 5.3 The bidder must sign and stamp in each page of tender documents as a token of acceptance indicating read, understood and accepted the Terms & Conditions mentioned in tender documents.
- 5.4 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 Certificates like Registration certificate, registration with EPF Organization, P.F. Registration certificate, GSTIN Registration certificates, PAN card issued by Income Tax Department.

6. 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

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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 financial comparison for selection of Lowest (L-1) Bidder / Contractor shall be done based on the total derived prices for all items of BOQ. The aggregate amount of quoted price for all items of BOQ shall be considered as total derived price and 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.

6.7 For all items of BOQ/SOR part-A and Part-B, Bidder quote factor will be calculated as decimal form of quoted price percentage by the bidder in price bid.

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.

Bidder has to multiply the above "Bidder quote factor" with invoice value in each RA bill to calculate final RA bill value of that invoice.

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6.7 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.

6.9 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. 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. 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 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. 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. 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. EMD Payment: Earnest Money Deposit is to be deposited **electronically by ECS/ RTGS/NEFT/BANKERS CHEQUE** 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.

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12. EMD value: **Rs. 80,000.00** (Rupees Eighty Thousand only).
13. Price Bid Validity date 120 days.
14. All NSIC / SSI / MSME registered vendors are exempted from submission of tender fee & EMD. **NSIC/SSI/MSME certificate must be submitted online to avail the exemption from furnishing the EMD.**
15. 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. **LOCAL CONDITIONS**
 - 17.1** 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.
 - 17.2** 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 in INDIA and rules related to work permit and visa requirements in INDIA 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. 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.

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18. Guideline for submission of bid:

19.1 Technical Bid:

The following documents are to be furnished by the Contractor along with Technical Bid as per the tender document:

- Signed, Stamped and Scanned copy of payment proof for Earnest Money Deposit (EMD).
- Signed, Stamped and Scanned copy of Work Orders along with Completion/Acceptance Certificate from End User/OWNER performed in last 7 years with full technical details including detailed Scope of the Work, Contract value and Completion Period as mentioned in Tender document, Instruction to Bidder, clause 5.1 of Technical Qualification. The Completion / Acceptance Certificate shall clearly indicate the LOI / Work Order no., Name of Work, Contract Value, Scope of Work, Contract period and actual Date of Completion.
- Signed, Stamped and Scanned copy of Certificates like Company Registration certificate, GSTIN Registration, PAN Card, EPF Registration and last three financial year ITR, audited balance sheet, profit loss statement certified by CA with membership number etc. as mentioned in Tender document, Instruction to Bidder, clause 5.2 and 5.4 of Technical Qualification
- Signed, Stamped and Scanned copy of each page of Tender Documents as mentioned in Tender document, Instruction to Bidder, clause 5.3 of Technical Qualification
- Signed, Stamped and Scanned copy of affidavit on company letter head as specified in **Annexure A** of tender document.
- Signed, Stamped and Scanned copy of Tender Acceptance Letter as per **Annexure-B** & Letter of authorization to submit bid.
- Signed, Stamped and Scanned copy of No deviation Certificate as per **Annexure-C**.
- Signed, Stamped and Scanned copy of Certificate from CEO or Managing Director, in the format as enclosed as **Annexure- D** of Tender Document.
- Signed, Stamped & Scanned copy of format For Electronics Payment as per **Annexure-E**
- MSMEs seeking exemption and benefits should enclose an attested/self-certified and stamped copy of valid registration certificate, giving details such as validity, stores/services etc. failing which they run the risk of their bid being passed over as ineligible for the benefits applicable to MSMEs.
- 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. The Power of Attorney of such person needs to be furnished along with bid.

Note: Bidders are requested to upload the clearly visible documents only, otherwise if not clearly visible than offer shall be liable for rejection without any further communication.

19.2 Price Bid:

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19.2.1 Schedule of price bid in the form of BOQ_XXXX .xls

The below mentioned Financial Proposal/Commercial bid format is provided as BOQ_XXXX.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to upload the same in the commercial bid. Bidder shall not tamper/modify downloaded price bid template in any manner. In case if 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.

19.2.2 The tenderer 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.

19.2.3 Against Quoted Rate in Figures, Bidder is required to select "Excess(+)" / Less(-)" from drop down menu and then they have to quote rate in percentage up to two decimals only.

19.2.4 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.

19.3 Checklist of documents to be submitted:

S.N.	Item	Yes / No	Bid Ref.
I	Signed, Stamped and Scanned copy of Earnest Money Deposit (EMD) Enclosed or EMD exemption Certificate Enclosed.	Online Submission as per NIT	
II	Signed, Stamped and Scanned copy of Certificates like Company Registration certificate, GSTIN Registration, PAN Card, EPF Registration, last three financial year ITR, audited balance sheet and profit loss statement certified by CA. with membership number etc. as mentioned in Tender document, Instruction to Bidder, clause 5.2 and 5.4 of Technical Qualification	Online Submission as per NIT	
III	Signed, Stamped and Scanned copy of Work Orders along with Completion/Acceptance Certificate from End User/OWNER performed in last 7 years with full technical details including detailed Scope of the Work, Contract value and Completion Period as mentioned in Tender document, Instruction to Bidder, clause 5.1 of Technical Qualification	Online Submission as per NIT	
IV	Signed, Stamped and Scanned copy of affidavit on company letter head as specified in Annexure A of tender document.	Online Submission as per NIT	
V	Signed, Stamped and Scanned copy of Tender Acceptance Letter as per Annexure-B & Letter of authorization to submit bid	Online Submission as per NIT	
VI	Signed, Stamped and Scanned copy of No deviation Certificate as per Annexure-C	Online Submission as per NIT	
VII	Signed, Stamped and Scanned copy of Certificate from CEO or Managing Director, in the format as enclosed as Annexure- D of Tender Document	Online Submission as per NIT	
VIII	Signed, Stamped and Scanned copy of each page of Tender Documents as mentioned in Tender document, Instruction to Bidder, clause 5.4 of Technical Qualification	Online Submission as per NIT	
IX	Signed, Stamped & Scanned copy of format For Electronics Payment as per Annexure-E	Online Submission as per NIT	
X	MSMEs seeking exemption and benefits should enclose Signed, Stamped and Scanned copy of valid registration certificate, giving details such as validity, stores/services etc.	Online Submission as per NIT	
XI	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. The Power of Attorney of such person needs to be furnished along with bid.	Online Submission as per NIT	

Note: Failure to Upload duly signed and stamped Authentic and Corrects Documents as mentioned at S.N. I, II, III, IV, V, VI, VII, VIII, IX, X and XI of clause 19.3 (Checklist)

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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.

20.0 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.

21.0 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.

22.0 **SITE VISIT:** If needed, the bidder and his authorized personnel will be granted permission by General Manager (BUH), HURL Sindri Project to enter upon HURL Sindri project premises and may visit the site before quoting their rates.

23.0 HURL reserves the rights to assess bidder's capability and capacity to perform the contract.

24.0 To know more about HURL, please visit our website www.hurl.net.in

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of 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 bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

1.0 REGISTRATION

- 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.
- 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.
- 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.
- 1.4 Upon enrollment, the bidders will be required to register their valid Digital Signature Certificate (Class II or 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.
- 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.
- 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.

2.0 SEARCHING FOR TENDER DOCUMENTS

- 2.1 There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 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 tender document.

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- 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.

3.0 PREPARATION OF BIDS

- 3.1 Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 3.2 Please go through the tender advertisement and the tender 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.
- 3.3 Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and 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.
- 3.4 To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

4.0 SUBMISSION OF BIDS:

- 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. Bidder will be responsible for any delay due to other issues.
- 4.2 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 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.
- 4.4 Bidder should prepare the EMD as per the instructions specified in the tender 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 tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

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- 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 tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white 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.
- 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.
- 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.
- 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 tender documents become readable only after the tender opening by the authorized bid openers.
- 4.9 The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 4.10 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.
- 4.11 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.
- 4.12 Shortfall documents: 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
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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.

5.0 ASSISTANCE TO BIDDERS

- 5.1 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.
- 5.2 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.

0120-4001 062

0120-4001 002

0120-4001 005

0120-6277 787

**E-mail
support:**

For any Issues or Clarifications relating to the published tenders, bidders are requested to contact the respective Tender Inviting Authority

Technical - support-eproc(at)nic(dot)in

Policy Related - cppp-doe(at)nic(dot)in

Or

Mr. Deepak Kumar, Manager (C&M) / Mr. Mukesh Bhinchar, Dy. Manager (E&M)

HURL- Sindri Project,

Mobile No.- 9031000943 / 9414255204

Email id : deepakkumar@hurl.net.in mukeshbhinchar@hurl.net.in

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GENERAL CONDITIONS OF CONTRACT (GCC)

1. Scope of Contract

The Scope of Contract shall be as per 'Technical Specification' as mentioned in tender document and scope of work.

2. Firm Price

Price to be quoted shall be firm and subject to no escalation whatsoever during the contractual completion period including extended period, if any, except for any statutory variations i.e. change in the rate of taxes & duty and/or inclusion of any new tax & duty. Bid with variable price will not be accepted.

3. Price Basis

Duly executed at following location:
Old FCIL Office Complex, HURL, Sindri (Jharkhand)

4. Taxes and duties

4.1 The Bidder shall include all the taxes, duties/ levies etc. (except GST) in their quoted rates/ prices, Applicable for all items of SOR. GST charges shall be paid extra at actual by the owner as applicable.

4.2 Please note that the responsibility of timely payment of above taxes to statutory authorities thereupon lies with the Service Provider only.

4.3 Statutory variation in taxes and duties including imposition of any new tax & duty, within the scheduled Completion period, as per Contract/PO, shall be paid at actual on submission of documentary evidence.

4.3.1 In case of delay in execution, if there is any increase in the rate of tax & duty and/or there is imposition of any new tax/ duty by statutory authorities, HURL shall restrict the payment of taxes & duties, as prevalent on the scheduled delivery/ completion period only, as mentioned in the P.O and amendment(s) there to.

4.3.2 If there is any decrease in applicable rate of taxes & duties &/or there is any withdrawal of any tax & duty by statutory authorities, during the completion period including extended/ amended period of P.O, shall accrue to HURL's a/c.

4.4 The Contractor has to submit / furnish all necessary documents / information to enable HURL claim the input credit benefit, if any, under GST rules.

5. Effective date of Contract/ P.O: Shall be the date of issuance of Letter of Award (LOA).

6. Completion Period/ Time Schedule

Sl.No.	Particulars	Time Schedule/ Contract Period
1.	Completion of Total Work	120 Days (Including Holiday) from date of LOA

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7. Payment Terms

- The payment shall be made for the actual job executed by the Agency after due verification and certification by the concerned Engineer-in-charge of the HURL, Sindri Project.
- The Agency shall submit bills in triplicate on monthly basis to the concerned Engineer in-charge of the HURL, Sindri Project. Payment shall be released within 30 days of submission of invoice by the party. All payments shall be made in Indian currency by means of Electronic Clearance Service (ECS) or Cheque only.
- 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 agency shall pay applicable GST and claim it along with RA Bills.
- 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.
- 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.
- 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.
- 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 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.

The payments shall be done based on the work done and the contract payment shall be released as follows:

S.N.	Particulars	% of the value of work
1	Value of actual work done against submission of running bill shall be released within 30 days after certification by the owner after recovering of the following: <ul style="list-style-type: none"> a. Statutory deduction and Income tax as applicable. b. Any other recovery if any 	97%

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2	Release of Security Deposit after completion of defect liability period as mentioned in clause 9.0	3%
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Defect liability period: Defects liability period will be 1 year for all other activities except roof waterproofing and anti-termite for which Defects liability period will be 5 years from the date of handing over.

9.0 SECURITY DEPOSIT:

Security deposit at the rate of 3% of each RA bill shall be recovered and shall be kept as performance guarantee. The Security deposit amount shall not bear any interest. It will be refunded to the Agency as per followings:

- 1) 70% of Security deposit amount shall be refunded after Completion of Defect Liability Period i.e. 1 year from satisfactory completion of work and date of handing work. However, the contractor shall have to apply in writing.
 - 2) 30% of Security deposit amount against the work Anti-termite and water proofing treatment shall be refunded after 5 years from satisfactory completion of work and date of handing work. However, the contractor shall have to apply in writing.
- The HURL reserves the right to forfeit the security deposit if the Agency 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

8.0 EARNEST MONEY DEPOSIT (EMD)

- 8.1** Bidders shall have to deposit earnest money of **Rs. 80,000/-** (Rupees Eighty Thousand Only) in the account of HURL as detailed at 6.6 below. Tenders received without earnest money shall not be entertained and shall be summarily rejected.
- 8.2** The earnest money shall be forfeited if the Bidder withdraws/ amends, impairs and derogates from the tender.
- 8.3** 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. 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.
- 8.4** The Earnest money will be forfeited in the following conditions:
 - (a) If at any stage, any of the information/ declaration given by the bidder is found to be false.
 - (b) If a bidder withdraws his bid during the period of bid validity period specified in the terms and conditions of tender.
 - (c) In case of any selection of bidder, if he fails to enter in to the contract or fails to furnish his responsibilities as mentioned in the above referred clauses of the tender document.

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8.5 EMD of successful bidder shall be converted into security deposit. The same will adjusted against total security deposit amount as mentioned in clause 9.0 and no interest shall be payable thereon.

8.6 Exemption from submission of EMD :

Micro and Small Enterprises (MSEs) registered with District Industries Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises as per MSMED Act 2006, for goods produced and services rendered, shall be exempted from paying Earnest Money Deposit.

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.

8.7 Price Bids shall be opened only of those bidder(s) whose EMD shall be found as per the requirement of the bidding documents.

9.0 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

10.0 Insurance

10.1 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.

10.2 All contractors' equipment shall be at the sole risk of the contractor.

10.3 The contractor will insure all his personnel employed for the execution of the work against any personal injury that may be sustained by them as a result of the execution of the work and present satisfactory evidence to the owner/consultant that such insurance is in force.

10.4 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.

11.0 Termination

In the event of unsatisfactory performance, HURL Sindri reserves right to cancel part or whole of the order / contract and make alternate arrangement at any time during contract period on risk & costs of contractor and / or forfeit security deposit

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12.0 Force Majeure

The act of God, epidemic, wars, revolution, and official strike shall be treated as force majeure condition. In event of occurrence of such condition neither party shall be responsible for delay in performance provided that it is notified within 07 days of its occurrence. The Contractor shall provide justification by documentation countersigned by the local chamber of commerce.

13.0 SETTLEMENT OF DISPUTE:

13.1 Amicable efforts should be made to settle the claim, if any by direct negotiation with the concerned Engineer-in-charge of HURL, Sindri Project. In case the same is not settled, all disputes and differences whatsoever arising between the parties out of or relating to the meaning and operation of effect of this contract or the breach thereof shall be referred to the Unit Head/Incharge of the HURL, Sindri Project for arbitration and the award made in pursuance thereof shall be binding on the parties.

13.2 Subject to as aforesaid the provision of Arbitration & Conciliation Act, 1996 or any statutory modification or re-enactment or rules made there under shall apply to the Arbitration proceeding under this clause.

13.3 No objection shall be made to the appointment of the above arbitration on the ground of any of them being an officer of the HURL and/or had at any time dealt the matter in dispute or difference and/or expressed any views thereon.

14.0 Governing laws: - This Contract shall be governed by the Indian Laws for the time being in force and the Dhanbad Courts alone shall have the exclusive jurisdiction on all matters arising under the contract.

15.0 INTERPRETATION OF CONTRACT

15.1 The several contract documents forming the contracts are to be read together as a whole and are to be taken as mutually explanatory.

15.2 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 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.

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Brief Scope of work

The contractor will execute the work of “Renovation of B-2 Quarter at HURL Sindri Project”. The above work shall cover the following major works as per SOR quantity and activity decided by Engineer-in-charge.

- Separate new construction of sewerage system for B-1 and B-2 Quarters
 - Repairing of the existing servant rooms
 - Complete waterproofing of roof slab (APP membrane laying and concreting to maintain slope and for protection of mebrane)
 - Complete Anti termite Application
 - Glazed Aluminium Sliding Windows for all existing windows
 - False ceiling in bathrooms and office room.
 - Marble Flooring in all verandas.
 - Granite fixing in stairs, vanity counters & Kitchen counters.
 - Glazed vitrified tiles in all rooms, bathroom wall cladding and flooring.
 - All plumbing fittings of make-Jaguar
 - All other repair such as surface plaster defects, brickwork, concrete defects, floor and window repair and etc.
 - Putty work-internal as well as external surface.
 - Internal paint- Velvet touch & External paint- weathercoat
 - All Electrical conduits to be concealed.
 - Lighting for the false ceiling and external illumination.
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 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 Scope of work if required may be carried out as per DSR-2018 after approval from EIC. The rate of item will be as same per DSR-2018.
 4. Any other item of work as required also 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 if any during the 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 RA Bill / Final Bill of the work contract.
 6. 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.
 7. All repairing work shall be executed as decided by EIC and measurement will be recorded and verified periodically.
 8. Time period of the work is 120 days (Including Holidays) from the date of LOA.

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9. Defects Liability period will be 1 year after final handing over of Quarter i.e., after completion of all punch points for all activities except roof waterproofing and anti-termite for which the defects liability period will be 5 years after final handing over of quarter.
10. Specialized agency shall be deployed for carrying out the activities of roof treatment and anti-termite treatment. Previous work experience of the agencies shall be submitted for approval before starting of respective activity.
11. Method statement shall be submitted for approval from EIC before starting of roof water proofing treatment and anti-termite treatment.
12. Anti-termite Treatment and water proofing treatment of Roof- The contractor shall submit 5 year guarantee certificate for Anti-termite Treatment and water proofing treatment of roof. In the event of unsatisfactory performance, the agency shall carry out necessary remedial / rectification works at no extra cost failing which security deposit of vendor will be forfeited and the agency will be debarred from participation in tender of our organization.
13. Sample of all finishing items shall be submitted for approval from EIC before starting of the respective activity.
14. Before supply of electrical items like Light, Fans, geyser and all other material as specified in BOQ , The agency shall have to obtain approval of make/model from Electrical department, HURL Sindri Project.
15. The construction materials shall be as per mentioned vendor list. In case there is unavailability of the material as mentioned in vendor list, approval of vendor shall be taken from EIC before starting of the respective activity.

Civil Vendor List

S.No.	Construction material(Civil)	Vendor
1	Tiles	Kajaria, somany, Orient bell
2	Cement (PPC/OPC-43)	Ultratech, Shree, Nuvoco
3	Steel (Fe- 500 D)	Jindal, Tata, Sail, RINL, Shyam
4	MS steel	Jindal, Tata, Sail
5	Aluminium frame	Tata, Jindal
6	Glass for glazed window	Saint gobain
7	False ceiling	Gyproc (Saint Gobain)
8	APP membrane	Pidilite, Sika
9	Wall putty	Asian, JK, Berger
10	paint	Asian, Berger, Nerolac
11	Ply wood	Green ply, Century ply
12	Sanitary fittings	Jaguar (Item code is attached)

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13	Plumbing pipes	Prayag, prince, paras
14	Waterproofing compound	Sika, Fosroc, pidilite

Electrical Vendor List

S.N	Construction material(Electrical)	Vendor
1	Lt power cable & telephone cable	Delton Cables Ltd., Finolex Cables Ltd. GEMSCAB, Havells India Ltd., KEI Industries Limited, Universal Cables Ltd, Polycab
2	Saddles/ Screws	Standard,Etc
3	Conduit /bends	Indian tube co., Jindal Pipes Ltd., Meghdyot Enterprises Rukmini Electricals & Components Pvt. Ltd. Steelcraft.
4	PVC Box	Havells , Anchor , Hensel, Standard, Pressfit
5	Switch/Socket/Holder	Anchor, Havells, Crompton Greaves Ltd, Etc
6	TPN	Havells, C&S, Legrand, L&T, Schneider, Siemens
7	MCCB	Crompton Greaves Ltd., Havells India Ltd. Larsen & Toubro Ltd. Siemens Ltd., ABB, Schneider
8	MCB	Crompton Greaves Ltd., Havells India Ltd. Larsen & Toubro Ltd. Siemens Ltd., ABB, Schneider
9	RCCB	Havells India Ltd., Larsen & Toubro Ltd. Siemens Ltd.ABB, Schneider, Legrand
10	Distribution board	Electromech Corporation, Globe Electrical Industries Havells India Ltd, L&T, Schneider
11	Glands	Comet Brass Products, Comet Industries, Dowell's Electricals, Electromac Industries, FCG Flameproof Control Gears Pvt. Ltd.
12	Cable Lug	Dowell's Electricals, Forward Engg. Industries KSE Electrical Pvt. Ltd. S J Metal Industries (Jainson)
13	Change over	L&T, Havells,Schneider,Anchor,Siemens
14	Lighting	Anchor Electrical Pvt. Ltd., Bajaj Electricals Limited Crompton Greaves Ltd., Havells India Ltd., Osram India Ltd. Philips India Ltd., Surya Roshni Ltd.
15	Decorative fan	Bajaj Usha ,Orient ,Luminous ,Crompton

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16	Geyser	Havells, Usha , AO Smith , Crompton , Hindware, jaguar
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16. For sanitary fittings, the item code of approved materials of Make Jaguar is attached. No deviation shall be allowed for sanitary fittings. However, in case the material of mentioned item code is not available in the market then the sample of same make- Jaguar shall be submitted for approval from EIC before fixing.

S.No	Sanitary fittings	Item code- Make (Jaguar)
1	Commode	ONS-WHT-10853S300UFSM / FSS-WHT-298535300UFSM/ LYS-WHT-38851S300UFSMN / ARS-WHT-397515250PPZ
2	B.B Cock	FON-40037 / VGP-81037 / FVS-29037 / QQT-7037
3	Angle Cock	OPP-15053PM / ALI-85053 / LYR-38053 / FON-40053 / FUS-29053
4	Wall Mixer	QQP-7273PM / QQP-7281PM / FUS-29281 / FUS-29273UPR / QQT-7273UPR
5	Basin Mixer	QQP-7167BPM / QQP-7169BPM / QQT-7167B / CQT-23167B
6	Wash Basin	VGS-WHT-81931N / JDS-WHM-25907N / LYS-WHT-38931 / ARS-WHT-39601
7	Sink Cock Mixer	QQP-7307PM / QQP-7309MM / QQP-7347PM / SOL-6359 / SOL-63198
8	Pillar Cock	FON-40011 / DRC-37001 / VGP-81001 / FUS-29001 / QQT-7011
9	Towel Rod	ACN-1111SM / AKP-35711PS / AKP-35771P
10	Towel Rig	ACN-1121N / ACN-1121BN / ACN-1151N / AQN-7721
11	Soap Disc	ACN-1131N / AKP-35731P / AQN-7733
12	Soap Dispenser	ACN-1135N / AKP-35741P
13	Toilet Paper Holder	ACN-1153S / AKP-35755PS / AKP-35751P
14	Health Faucet	ALD-565 / ALD-587
15	Shower	OHS-1789 / OHS-35495 / OHS-1799
16	Mirror	ACN-1195N

17. The Contractor shall note that the quantities of the different Items, as given in the "Schedule of Rates" are tentative based on tentative tender drawings and are subject to

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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 and 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.

Terms and Condition:

1. The work will be executed as per the SOR & CPWD specifications.
2. In case any item is required to be executed for completion of work which is not included in SOR, same shall be executed as per rate of DSR 2018 after approval from EIC.
3. As the rate of items of DSR-2018 are inclusive of GST, rate of extra item if carried out shall be multiplied by a factor of 0.87672 to make the rates exclusive of GST. GST will be reimbursed to the agency after submission of the documentary evidence.
4. The Contractor shall note that the quantities of the different Items, as given in the "Schedule of Rates" are tentative based on tentative tender drawings 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 $\pm 20\%$ on either side the Contract Price and 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.
5. The payment shall be released as per monthly RA Bills with all statutory deduction
6. 3% SD will be deducted in each RA Bills. SD will be released only after payment of final bill.
7. For proper execution of work, qualified and experienced staffs in the field of building finishing shall be deployed at site.
8. For proper execution of work sufficient numbers of tools & tackles needs to be provided by the agency at their own cost, nothing shall be paid extra for this.
9. The work carried out shall be in orderly manner without any noise and obstruction to flow of traffic.
10. All rubbish, debris etc. shall be disposed at the earliest and the place shall be cleaned at the end of each day's work.
11. The Contractor shall ensure that his staff is qualified and licensed for their part of work. The staff shall behave in a courteous manner. The contractor will be held responsible for any loss or damage to the property (If any) and recovery shall be made accordingly from the RA Bill.

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12. 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 work.
13. When instructed to do so, the contractor shall ensure storing of reparable/dismantled material and proper maintaining records.
14. The contractor has to make his own arrangement for use of water and electricity including extending temporarily lines etc. The responsibility for following relevant rules, regulations and loss in the regard shall be entirely that of the contractor.
15. 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.
16. 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 agency has to quote their rate accordingly by taking care of all these.
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 extra claim shall be entertained by HURL on this account.
18. 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
19. The price shall be firm and no variation shall be allowed on any account till execution of complete work.
20. Submission of Invoice: All invoices to be raised in the name of Hindustan Urvarak & Rasayan Limited and will be submitted to Manager/ HOD(Civil)/ EIC, HURL Sindri Dhanbad (Jharkhand).
21. 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.
22. Governing Law: This contract shall be governed by the Indian Laws for the being in force and the Delhi courts alone shall have the exclusive jurisdiction on all matters arising under the contract.
23. Any other deviation, exceptions, observations, if any of your offer and any subsequent corresponding which are contrary to the provision of the bidding document, any amendments referred above shall stand with drawn without any extra financial implication to owner.

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BOQ/SOR Part-A : Civil work Estimate for Renovation of B-2 Quarter at HURL Sindri

S. N.	DSR No. as per DSR-2018	DESCRIPTION OF ITEMS	UNIT	DSR Unit Rate Excluding GST	Est. Qty (#)	Amount
1	1.1.2	Carriage of earth By Mechanical Transport including loading, unloading and stacking.	M3	₹ 115.00	40	₹ 4,599.97
2	2.6.1	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 i) All kinds of soil.	M3	₹ 159.43	50	₹ 7,971.58
3	2.8.1	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 50m.i) All kinds of soil.	M3	₹ 221.20	20	₹ 4,423.93
4	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering. Lead up to 50 m and lift upto 1.5 m.	M3	₹ 192.57	40	₹ 7,702.86
5	2.28.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. i) All kinds of soil.	M2	₹ 21.35	1000	₹ 21,348.13
6	2.34.1	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyrifos/ Lindane emulsifiable concentrate of 20%	Liter	₹ 176.09	220	₹ 38,739.63
7	2.35.1	Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : a)- Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete: i) With Chlorpyrifos/Lindane E.C. 20% with 1% Concentration.	Mtr	₹ 24.77	130	₹ 3,219.75
8	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: i) With Chlorpyrifos/Lindane E.C. 20% with 1% concentration	sqm	₹ 199.06	340	₹ 67,680.15
9	2.35.5	Treatment at points of contact of wood work by chemical emulsion Chlorpyrifos/ 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.	Mtr	₹ 222.69	250	₹ 55,671.72

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10	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: i)- 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	M3	₹ 5,951.70	4	₹ 23,806.81
11	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: i) 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	M3	₹ 5,075.86	2	₹ 10,151.72
12	4.3.1	Centering and shuttering including strutting, propping etc. and removal of form work for: i)- Foundations, footings, bases for columns	sqm	₹ 249.73	5	₹ 1,248.67
13	5.1.3	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: i)- 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	M3	₹ 6,396.86	3	₹ 19,190.57
14	5.9.1	Centering and shuttering including strutting, propping etc. and removal of form for: i)- Foundations, footings, bases of columns, etc., for mass concrete.	M2	₹ 249.73	4	₹ 998.93
15	5.9.3	Centering and shuttering including strutting, propping etc. and removal of form for: i) Suspended floors, roofs, landings, balconies and access platform.	sqm	₹ 607.61	10	₹ 6,076.11
16	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for: i)- Lintels, beams, plinth beams, girders, brusses and cantilevers	sqm	₹ 483.99	5	₹ 2,419.97
17	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. i) Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	₹ 73.21	125	₹ 9,150.77
18	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: i) Cement mortar 1:6 (1 cement : 6 coarse sand)	M3	₹ 5,398.36	13	₹ 70,178.67
19	6.4.2	Brick work with common burnt clay F.P.S. (Non) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: i) Cement mortar 1:6 (1 cement : 6 coarse sand)	M3	₹ 6,654.70	4	₹ 26,618.80
20	6.12.2	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in: i) cement mortar 1:4 (1 cement : 4 coarse sand)	sqm	₹ 678.36	5	₹ 3,391.81
21	6.13.2	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.	sqm	₹ 817.19	20	₹ 16,343.81

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22	8.2.2.2	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 base3 cement mortar 1:4 (1 cement : 4 coarse sand). Joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Granite of any colour and shade. i) Area of slab over 0.50 sqm	M2	₹ 3,513.59	20	₹ 70,271.74
23	8.3.2	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. i)-Granite work	M	₹ 329.87	30	₹ 9,895.98
24	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.	M	₹ 380.72	10	₹ 3,807.16
25	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	₹ 643.99	6	₹ 3,863.97
26	9.1.2	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).	M3	₹ 92,342.46	0.7	₹ 64,639.72
27	9.7.1	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. i)- Second class teak wood	M2	₹ 2,579.57	8	₹ 20,636.59
28	9.16.1.1	Providing and fixing 25 mm thick shutters for cup board etc. : Panelled or panelled & glazed shutters: i)-Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws	M2	₹ 3,327.02	5	₹ 16,635.10
29	9.2	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 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	M2	₹ 2,651.16	4	₹ 10,604.63
30	9.21.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 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: i) - 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	M2	₹ 1,654.11	14	₹ 23,157.51

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31	9.46.2	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25 mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., Wherever necessary complete: i)- 20 mm dia	M	₹ 327.15	10	₹ 3,271.48
32	9.48.2	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. i)-Fixed to openings / wooden frames with rawl plugs screws etc.	Kg	₹ 160.88	125	₹ 20,109.77
33	9.96.2	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: i)-250×16 mm	Each	₹ 203.14	35	₹ 7,109.76
34	9.97.3	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: i)-200×10 mm	Each	₹ 78.90	70	₹ 5,523.34
35	9.97.5	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: i)-100×10 mm	Each	₹ 50.98	32	₹ 1,631.40
36	9.100.1	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: i)125 mm	Each	₹ 52.30	70	₹ 3,660.74
37	9.100.3	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 per IS :1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: i)-75 mm	Each	₹ 40.24	40	₹ 1,609.66
38	9.101.2	Providing and fixing aluminium handing floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. i)-Twin rubber stopper	Each	₹ 54.40	30	₹ 1,632.01
39	9.114.1	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. i)-Triple strip vertical type	Each	₹ 34.24	10	₹ 342.36
40	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	₹ 89.21	200	₹ 17,841.25
41	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.	M3	₹ 6,430.83	3.5	₹ 22,507.90
42	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: i)-Raj Nagar plain	M2	₹ 1,719.03	80	₹ 1,37,522.30

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43	11.23.5	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 : i)-Udaipur green marble	M2	₹ 1,745.99	5	₹ 8,729.94
44	11.26.1	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 (1 cement : 4 coarse sand) :i)-25 mm thick	M2	₹ 1,343.00	2	₹ 2,686.01
45	11.27	Kota stone slab flooring over 20mm 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.	M2	₹ 1,586.91	2	₹ 3,173.81
46	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	M2	₹ 903.28	140	₹ 1,26,459.85
47	11.37	Providing and laying Ceramic glazed floor tiles of size 300×300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	M2	₹ 812.63	50	₹ 40,631.59
48	11.41.2	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. i) Size of Tile 600×600 mm	M2	₹ 1,315.56	250	₹ 3,28,890.55
49	11.46.2	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08% and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. i)- Size of Tile 600×600 mm.	M2	₹ 1,355.28	18	₹ 24,395.00

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50	12.41.1	Providing and fixing on wall face unplasticised Rigid PVC rain water pipe 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 of 75 mm diameter	M	₹ 176.31	55	₹ 9,696.96
51	12.41.2	Providing and fixing on wall face unplasticised Rigid PVC rain water pipe 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 of 110 mm diameter	M	₹ 267.44	100	₹ 26,744.34
52	12.42.4.1	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, i) Single tee without door (75×75×75mm)	Each	₹ 107.35	5	₹ 536.77
53	12.42.4.2	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. i) Single tee without door (110×110×110mm)	Each	₹ 165.31	11	₹ 1,818.36
54	12.42.3.2	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. i) Single tee with door (110×110×110 mm)	Each	₹ 178.24	5	₹ 891.19
55	12.42.5.1	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. i)- Bend 87.5°(75 mm bend)	Each	₹ 78.82	10	₹ 788.17
56	12.42.5.2	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.i)- Bend 87.5°(110 mm bend)	Each	₹ 113.84	45.00	₹ 5,122.89
57	12.43.1	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. i)- 75 mm	Each	₹ 254.38	10.00	₹ 2,543.80
58	12.43.2	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. i)- 110 mm	Each	₹ 253.20	80.0	₹ 20,255.74
59	13.4.2	12 mm cement plaster of mix i)- 1:6 (1 cement: 6 coarse sand)	M2	₹ 231.06	300.00	₹ 69,317.87
60	13.7.2	12 mm cement plaster finished with a floating coat of neat cement of mix i)- 1:4 (1 cement: 4 fine sand)	M2	₹ 287.78	50.00	₹ 14,389.17

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61	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	M2	₹ 172.45	3050.0	₹ 5,25,975.01
62	13.38	white wash with lime one coat	M2	₹ 10.08	350.0	₹ 3,528.80
63	13.40	Distempering with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, over and including water thinnable priming coat to give an even shade.	M2	₹ 103.23	1840.00	₹ 1,89,950.16
64	13.46.1	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	M2	₹ 144.40	1210.0	₹ 1,74,718.90
65	13.50.1	Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	M2	₹ 50.02	250.00	₹ 12,504.22
66	13.50.3	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	M2	₹ 44.45	60.0	₹ 2,666.98
67	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :i)- Two or more coats on new work	M2	₹ 106.57	300.00	₹ 31,969.59
68	13.69.1	Polishing on wood work with ready mixed wax polish of approved brand and manufacture :i)- New work	M2	₹ 132.30	10.0	₹ 1,322.97
69	14.1.2	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. i)- With cement mortar 1:4 (1cement: 4 coarse sand)	M2	₹ 376.64	50.0	₹ 18,831.95
70	14.6.1	Renewing glass panes, with wooden fillets wherever necessary: i)- Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	M2	₹ 1,107.30	15	₹ 16,609.46
71	13.88	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. Complete	M2	₹ 12.45	1100.0	₹ 13,694.37
72	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.	M2	₹ 16.00	1850.00	₹ 29,600.26
73	14.77	Cleaning of choked 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	M	₹ 225.23	80.0	₹ 18,018.35
74	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	₹ 84.17	6	₹ 504.99

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75	15.2.1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. i)- Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	M3	₹ 1,523.26	5.00	₹ 7,616.29
76	15.7.4	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. i)- In cement mortar	M3	₹ 1,288.69	15.0	₹ 19,330.36
77	15.12.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :i)- Of area 3 sq. metres and below	Each	₹ 240.66	20.0	₹ 4,813.19
78	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	Kg	₹ 3.64	200.00	₹ 727.68
79	15.42.2	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead : 100 mm dia pipe	M	₹ 48.79	80.00	₹ 3,903.16
80	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.	M2	₹ 34.19	500	₹ 17,096.04
81	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.	M3	₹ 121.73	40.00	₹ 4,869.30
82	16.15.2	Supplying at site :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	₹ 65.18	50.00	₹ 3,259.21
83	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 netc. all complete as per the direction of Engineer-in-charge.	M2	₹ 753.41	30.00	₹ 22,602.28
84	17.1.1	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: i)- White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	₹ 4,753.14	1.0	₹ 4,753.14

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85	17.2.1	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 : i)- W.C. pan with ISI marked white solid plastic seat and lid	Each	₹ 4,612.38	5.00	₹ 23,061.90
86	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:- (a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	Each	₹ 3,860.90	7.0	₹ 27,026.30
87	17.10.1.4	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 : i)- 510x1040 mm bowl depth 178 mm	Each	₹ 4,543.78	1.0	₹ 4,543.78
88	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	₹ 260.87	5.00	₹ 1,304.34
89	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	₹ 774.19	7.00	₹ 5,419.31
90	17.28.2.1	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. i)- Flexible pipe of 32 mm dia	Each	₹ 88.64	3.0	₹ 265.91
91	17.29	Providing and fixing 100 mm sand cast Iron grating for gully trap.	Each	₹ 39.10	10.0	₹ 391.02
92	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	₹ 1,124.88	7.00	₹ 7,874.13
93	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	₹ 738.02	7.0	₹ 5,166.16
94	17.34	Providing and fixing toilet paper holder : i)- C.P. brass	Each	₹ 511.79	5.00	₹ 2,558.93
95	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	₹ 139.00	7.00	₹ 973.03
96	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	₹ 200.07	7.0	₹ 1,400.47
97	17.73.2	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.i)- 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	₹ 522.09	5.0	₹ 2,610.43

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98	18.8.1	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. i)- 15 mm nominal outer dia Pipes	M	₹ 359.15	20.00	₹ 7,182.97
99	18.8.2	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. i)- 20 mm nominal outer dia Pipes	M	₹ 419.20	80.00	₹ 33,536.29
100	18.9.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work i)- 20 mm nominal outer dia Pipes	M	₹ 222.42	20.0	₹ 4,448.48
101	18.9.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work i)- 25 mm nominal outer dia Pipes	M	₹ 286.38	50.00	₹ 14,319.03
102	18.17.1	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :i)- 25 mm nominal bore	Each	₹ 435.86	4.00	₹ 1,743.45
103	18.17.1A	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :i)- 20 mm nominal bore	Each	₹ 403.47	4.0	₹ 1,613.87
104	18.18.1	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : i)- 15 mm nominal bore	Each	₹ 296.95	4.0	₹ 1,187.78
105	18.21.1	Providing and fixing uplasticised PVC connection pipe with brass unions : 30 cm length i)- 15 mm nominal bore	Each	₹ 63.87	18.00	₹ 1,149.64
106	18.21.2	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length i)- 15 mm nominal bore	Each	₹ 72.77	8	₹ 582.14
107	18.22.2	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : i)- 150 mm diameter	Each	₹ 165.52	5.0	₹ 827.62
108	18.48	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately.	Liter	₹ 7.72	2000.0	₹ 15,430.27
109	18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :i)- 15 mm nominal bore	Each	₹ 367.30	15.00	₹ 5,509.53

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110	18.50.1	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. i)- 15 mm nominal bore	Each	₹ 542.51	7.0	₹ 3,797.60
111	18.52.1	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. i)- 15 mm nominal bore	Each	₹ 531.51	10.00	₹ 5,315.12
112	18.53.1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 i)- 15mm nominal bore	Each	₹ 466.42	28	₹ 13,059.62
113	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	₹ 53.70	30.00	₹ 1,610.97
114	18.76.1	Cutting holes up to 30x30 cm in walls including making good the same: i)- With common burnt clay F.P.S. (non modular) bricks	Each	₹ 286.91	5.0	₹ 1,434.53
115	22.14.1	Grading roof for water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	M3	₹ 6,070.98	25.00	₹ 1,51,774.48
116	14.90.1	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured 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 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. 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 : 3 mm thick	sqm	₹ 449.71	500.00	₹ 2,24,856.76
117	21.1.1.1	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 directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	₹ 371.69	75.00	₹ 27,876.41

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118	21.3.1	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	₹ 876.37	25.00	₹ 21,909.23
119	12.1.1	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	₹ 1,082.09	20.00	₹ 21,641.83
120	12.45.1	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) : 2011 (Board with BIS certification marks)	sqm	₹ 979.87	68.00	₹ 66,630.90

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121	9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	Each	₹ 746.61	20.00	₹ 14,932.30
122	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	₹ 5,359.92	5.00	₹ 26,799.58
123	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 50 kg cement	₹ 49.58	300.00	₹ 14,873.55
124	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	₹ 114.41	8	₹ 915.30
Total Estimated Cost (Excluding GST) in Rs.						₹34,30,702.31

Note –

- (i) The above Cost estimate rates are considered from DSR 2018 exclusive of GST. Bidders shall quote price for SOR items in price bid exclusive of GST.
- (ii) GST as applicable shall be paid extra.

(#) 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.

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BOQ/SOR Part-B : Electrical work Estimate for Renovation of B-2 Quarter at HURL Sindri

Item No.	DESCRIPTION OF WORK	UNIT	QTY. (#)	Unit Price (In Rs)	TOTAL AMOUNT (In Rs)
1	Feeder Piller Board				
2	POINT WIRING (including supply)				
2.1	Supply & providing point wiring for light point/fan point/exhaust fan point/call bell point, light plug point each controlled by one switch with cables 1.5 sq. mm FRLS PVC insulated copper conductor single core wire in recessed medium class PVC conduit including cutting the wall and making good the same in case of recessed conduit, with modular switch, Bell push switch, 1-6 Amp switch socket, modular plate, suitable GI box and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core wire etc. as required. inclusive of the cost for providing circuit wiring from Distribution board to switch boards with 2x2.5 sq. mm Cu. alongwith 1 no. 2.5 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.,	Per Point	130	690	89,700.00
2.1.1	Supply & providing point wiring for light/power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core wire in recessed medium class PVC conduit including cutting the wall and making good the same in case of recessed conduit, alongwith 1 no. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. Inclusive of the cost for providing circuit wiring from Distribution board to switch boards	Per Point	20	1,250.00	25,000.00
2.2.2	Supply & providing point wiring for twin control light point with 1.5 sq. mm FRLS PVC insulated copper conductor single core wire in recessed medium class PVC conduit including cutting the wall and making good the same in case of recessed conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core wire etc. as required inclusive of the cost for providing circuit wiring from Distribution board to switch boards with 2x2.5 sq. mm alongwith 1 no. 2.5 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.,	Per Point	16	780	12,480.00
3.1	Supply and drawing 4 pair 0.5 mm dia. FRLS PVC insulated annealed copper conductor, unarmoured telephone cable in the existing recessed PVC conduit as required.	Mtrs.	300	40	12,000.00
3.1.2	Supply and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing recessed PVC conduit as required.	Mtrs.	300	65	19,500.00
4	Supply & fixing 6A switch and 6A socket on single modular switch board complete with GI box, modular base, cover plate etc.	Nos.	70	125	8,750.00

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5	Supply & fixing 6A 2-way switch (modular type) complete with GI box, modular base, cover plate etc	Nos	20	130	2,600.00
6	Supply & fixing 16A switch and 6/16A socket on single modular switch board complete with GI box, modular base, cover plate etc.	Nos	15	250	3,750.00
7	Supply & fixing of TV antenna socket outlet (modular type) complete with GI box, modular base, cover plate etc.	Nos	5	214	1,070.00
8	Supply & fixing of Telephone socket outlet (modular type) complete with GI box, modular base, cover plate etc.	Nos	7	135	945.00
9	Supply & fixing of 6A bell push switch (modular type) complete with GI box, modular base, cover plate etc	Nos	1	145	145.00
10	Supplying and fixing call bell/buzzer suitable for single phase, 230 V, complete as required	Nos	5	450	2,250.00
12	LIGHTING				
12.1	Supply, Installation, Testing and Commissioning of prewired wall/ceiling/false ceiling mounted type following LED lighting fixtures including providing & fixing LED lighting fixtures, electronic drivers, condensers, internal & external reflectors, louvers, etc. Including handling, transportation from owners store to erection site, unpacking, inspection; checking of internal wiring; Erection in position on false ceiling / floor etc ,cable glanding, crimping of lugs and connections at fixtures; supply of all erection materials Including necessary GI hardware, GI clamps, GI brackets, civil masonry materials; all work, labour and materials complete as per drawings, specifications, codes and standards and directions of Engineer in charge.				
12.1.1	High quality LED tube batten complete with 1X18W tube (T8) eco friendly, having ≥ 2000 lumen output, CCT-6500K, IP-20, luminous efficacy ≥ 100 lm/watt, CRI >80 , life ≥ 40000 burning hours, PF >0.95 and THD $< 10\%$, no UV radiation etc. suitable for ceiling/wall mounted	Nos.	20	1,600.00	32,000.00
12.1.1	240VAC 1 phase 45W outdoor light with LED lamp in weatherproof & hose proof light Min IP55, fixture complete with driver ,cable glands and other accessories, suitable for 3 X 2.5mm ² (Cu) cable and stopping plug for outdoor area.	Nos.	14	2,000.00	28,000.00
12.1.2	Wall mounted high quality LED tube batten complete with single 9W tube (T8) eco friendly, having ≥ 900 lumen output, CCT-6500K, IP-20, luminous efficacy ≥ 100 lm/watt, CRI >80 , life ≥ 40000 burning hours, PF >0.95 and THD $< 10\%$, no UV radiation etc.	No.	10	500	5,000.00
12.1.3	9W LED bulb eco friendly, having ≥ 900 lumen output, CCT-6500K, luminous efficacy ≥ 100 lm/watt, CRI >80 , life ≥ 40000 burning hours, PF >0.95 and THD $< 10\%$, no UV radiation etc. suitable for outdoor installation.	No.	30	436	13,080.00
13	Supply and fixing 25 A MCB in type modular enclosure and modular 25 A socket for 2 Ton Air Conditioner.	Nos.	7	450	3,150.00

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14	Supply, hanging, fixing, connecting up of BEE 5 star 1200 mm sweep (decorative type), 3-blade ceiling fan including Electronic type module fan regulator & provision of cable from ceiling rose or connector to fan including supply and fixing hexagonal fan hook with 12 mm dia. MS rod bend to shape as reqd.	Nos.	7	5,000.00	35,000.00
15	Supply, hanging, fixing, connecting up of BEE 5 star 600 mm sweep (decorative type), 3-blade ceiling fan including Electronic type module fan regulator & provision of cable from ceiling rose or connector to fan including supply and fixing hexagonal fan hook with 12 mm dia. MS rod bend to shape as reqd.	Nos.	6	3,500.00	21,000.00
16	Supply, hanging, fixing, connecting up of 250 mm sweep, domestic exhaust fan with self opening louvers.	Nos.	6	3,500.00	21,000.00
17	METER DISTRIBUTION BOARD				
	Supply & installation of Wall mounted Meter Distribution Board complete with 100A mccb 3P, 16 KA with neutral, 1P, 10 KA)Meter and 63A Isolator suitable for installation of 3 phase, 4 Wire, 415V, two no. earthing stud provided house service type (50KW) Meter for Type B' Bungalows. link, (1 NO. MCB 63 A 4P, 10 KA) (25 No 40 A 2P, 10 KA) (30 No 6 A MCB)	Nos.	1	32,353.00	32,353.00
18	EARTHING AND LIGHTNING PROTECTION				
19.1	EARTH PIT				
19.1.1	Supply, installation, testing and commissioning of earth pits including supply of 3.8M, 100mm dia. heavy G.I. Pipe earth electrode for earthing & accessories. The hot dip galvanizing (minimum Zinc coating of 625 gms./sq. mtr. as per IS-2629) shall be done after all fabrication. The electrodes shall be made from one piece length of pipe. The work includes digging the earth up to required depth, erecting 3800 x 100 mm dia G.I. pipe, disposal of surplus earth within 30 m lead and back filling of the pit with alternate layers of charcoal and salt including supply of the same providing necessary brick works and other civil works, fixing G.I. L-shaped test links and brackets, twisted piece and connecting to it earth electrodes and earth strips with all materials and labour to complete installation work in all respect as per the specification, attached PDS, approved drawings and directions of engineer-in-charge.	Nos.	2	10,000.00	20,000.00
19.2	EARTH BUS BAR				
19.2.1	Supply, installation and commissioning of hot dip galvanised earth bus bar of size 390mmX50mmX12mm with 10 holes of 14 mm dia. including all labour and materials to complete installation in all respect as per the specification, attached PDS, approved drawings and directions of engineer-in-charge.	Nos.	3	340	1,020.00
19.3	EARTHING GRID				

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19.3.1	Supply, installation, testing and commissioning of hot dip galvanised G.I. earth strip in underground GI pipes at a depth of 600 mm, including interconnection between different earth pits, strip for connection to electrical equipments & system neutral, necessary hardware for connection and interconnection between earth bus bars including all labour and miscellaneous materials to make installations complete in all respect as per approved drawings, specifications, instructions and directions of engineer-in-charge.				
i	50mmX6mm	Mtrs	70	300	21,000.00
ii)	8 SWG Wire	Mtr	70	20	1,400.00
20	LT POWER & CONTROL CABLES				
20.1	Supply, laying (horizontal & vertical), testing (before and after laying) and commissioning of LT (1.1kV Grade) Power & Control cables XLPE Insulated, PVC inner sheathed, armoured, FRLS PVC outer sheathed cables excluding its termination, in new & readymade trenches, on pre- fabricated/site-fabricated cable trays/racks, on already installed risers, support, hangers, saddles/directly buried up to 600 mm depth for LT cable etc. pulling through pipes on walls/columns, steel structures including transportation of cable drums from storage yard to site, unrolling the drum, laying the required length of cables including supply and fixing of necessary saddles, saddle bars, cable tags, Al clamps for cables laid vertical on walls/columns/structures, risers with all labour, consumable materials and necessary hardware to make installation complete in all respect as per approved standard drawings and direction of engineer-in-charge.				
20.1.1	1.1KV Grade, XLPE Insulated, PVC inner sheathed, armoured, FRLS PVC outer sheathed cables Stranded Cu/Al Conductor cables.				
i	3.5X50 sq. mm (Al)	Mtrs	100	201	20,100.00
ii	3X2.5 sq. mm (Cu)	Mtrs	150	80	12,000.00
iii	3CX10sq. mm (Cu)	Mtrs	100	180	18,000.00
iv	3CX6sq. mm (Cu)	Mtrs	150	150	22,500.00
20.1.2	Single core XLPE insulated 1.1KV grade unarmoured FRLS PVC outer sheathed cable for earthing.				
i	1X16 sq. mm (Al)	Mtrs	100	185	18,500.00
21	CABLE TERMINATION				
21.1	End termination and subsequent testing of XLPE insulated single core/multi core armoured cables of 1.1KV grade, Al/Cu cable., including supply of termination kits, glands & lugs, all labour and consumable materials to make installation complete in all respect. The rate shall include drilling, taping of cable insulation, crimping of lugs to the conductor, connection of the lugs to equipment terminal, supply and fixing of supports & clamps for G.I. nuts, screws, bolts, washers and other necessary hardware, PVC tape of required grade for taping, making cable entries dust and vermin proof, earthing etc. as per				

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	instruction of manufacturer, approved drawings, specifications and directions of engineer-in-charge.				
21.1.1	1.1KV Grade, XLPE Insulated, PVC inner sheathed, armoured, FRLS PVC outer sheathed cables Stranded Cu/Al Conductor cables.				
i	3.5X50 sq. mm (Al)	Nos.	12	450	5,400.00
iii	3CX2.5sq. mm (Cu)	Nos.	25	108	2,700.00
iv	3CX10sq. mm (Cu)	Nos.	40	140	5,600.00
iii	3CX6sq. mm (Cu)	Nos.	40	50	2,000.00
21.1.2	Single core XLPE insulated 1.1KV grade unarmoured FRLS PVC outer sheathed cable for				
i	1X16 sq. mm (Al)	Nos.	3	50	150.00
22	Supply of 1x25 W LED Post top mounted lighting fixture along with minimum 80 dia GI pipe of approx length 500mm, required junction box including all required accessories, reducers,				
	mounting brackets etc for illumination on gates	Nos.	4	8,000.00	32,000.00
23	GI PIPES				
23.1	Supply, installation of GI pipes Medium Class as per IS 1239 (Part-1) of following sizes for cable protection, buried directly in the ground at a depth of 600 mm including excavation and back filling, concrete cutting, bending, threading etc. to a clamp, nuts, bolts sockets, reducers, spacers, plug, bushing, chipping of concrete floor etc. and complete with all labour and material as per directions of engineer-in-charge.				
i	100 mm NB	Mtrs.	20	500	10,000.00
24	EXCAVATION AND BACK FILLING				
	Excavation and back filling of trenches for cables and earth strips etc. following types of soil except rocks for a maximum depth of 1.25 m for cables / 0.6 mtr. for earth strips including shoring, strutting, dewatering, consolidation and disposal of surplus earth upto 100 m leads including all labour and materials to complete installation in all respect.				
24.1					
24.1.1	Soft soil	M3	5	245	1,225.00
24.1.2	Back filling with excavated earth in trench including consolidating each deposited layer by ramming, dressing etc.	M3	2	142	284.00
25	FINE RIVER SAND				
	Supply & Spreading of approved fine river sand in cable trenches up to a depth of 250 mm (100 mm below the centre line of cable and 150 mm above cable the centre line of cable) including all labour and materials to make the installation complete in all respect as per approved drawings, specifications and directions of engineer-in-charge.	M3	1	750	750.00
26	BRICKS				
	Supply & Spreading of approved first class bricks of dimension 230mmx115mmx75mm in cable trenches for	Nos.	100	6	600.00

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	cable protection including all labour and materials to make installation complete in all respect.				
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27	Supply, installation, testing and commissioning of BEE 5 Star 3lts Geyser including with 16A 3 pin plug power point.	Nos.	1	4,000.00	4,000.00
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Nos.

1

4,000.00

4,000.00

TOTAL COST ESTIMATE FOR ELECTRICAL ITEMS (SUPPLY & ERECTION)**in RS.****5,68,002.00****Note –**

- **GST as applicable shall be paid extra.**

(#) 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.

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Format of Price Bid (BOQ)/ Financial Bid

<input type="button" value="Validate"/> <input type="button" value="Print"/> <input type="button" value="Help"/>		Percentage BoQ				
Tender Inviting Authority: G.M. (BUH), HURL Sindri Project						
Name of Work: Renovation of B-2 Quarter at HURL Sindri Project						
Contract No:						
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	Renovation of B-2 Quarter at HURL Sindri					
1.01	BOQ/SOR Part-A : Civil work Estimate for Renovation of B-2 Quarter at HURL Sindri	1.000	Nos	3430702.31	3430702.31	INR Thirty Four Lakh Thirty Thousand Seven Hundred & Two and Paise Thirty One Only
1.02	BOQ/SOR Part-B : Electrical work Estimate for Renovation of B-2 Quarter at HURL Sindri	1.000	Nos	568002.00	568002.00	INR Five Lakh Sixty Eight Thousand & Two Only
Total in Figures					3998704.31	INR Thirty Nine Lakh Ninety Eight Thousand Seven Hundred & Four and Paise Thirty One Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				

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BoQ1
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Note: -

- (1) Bidder shall quote rate exclusive of GST for SOR items.
- (2) GST as applicable shall be extra to the above.

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Annexure-A

TO BE SUBMITTED ON COMPANY LETTER HEAD

AFFIDAVIT

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 providing “Renovation of B-2 Quarter at HURL Sindri Project” against Tender Notice Number HURL/Sindri/C&M/20-21/1200 Dated 19.01.2020.
2. That I/ we/ our partners/ directors do not have any relative working in Hindustan Urvarak & Rasayan Limited.
3. 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.
4. 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.
5. That all documents / credentials submitting along with this tender are genuine, authentic, true and valid.
6. That the price bid is unconditional.
7. 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.
8. I/We indemnify hereby HURL against all repercussions arising out of non- compliance of the foregoing in any case.
9. 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.

Deponent

Verification

I, deponent, above named do hereby verify that contents of the above affidavit are true and correct to the best of my knowledge and belief.

Deponent

`Sign & Stamp of Bidder

Annexure-B

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

Date:

To,

Tender Committee,

Sindri Project, HURL

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: **HURL/Sindri/C&M/20-21/1200 Dated 19.01.2020**

Name of Tender / Work: - Renovation of B-2 Quarter at HURL Sindri Project

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

Annexure-C**NO DEVIATION CERTIFICATE**

Bidder's Name & Address :	To, BUH, HURL(Sindri Project) Old FCIL Office Complex, Sindri Project, HURL Sindri, Dhanbad, Jharkhand, 828122
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1. With reference to our Bid (Reference No. **HURL/Sindri/C&M/20-21/1200 Dated 19.01.2021** for the work of Renovation of B-2 Quarter at HURL Sindri Project 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 & Price Bid and we declare that we have not taken any deviation / exceptions in this regards.
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 price Bid, implicit or explicit, shall stand unconditionally withdrawn, without any cost implication whatsoever to the Owner, failing which the Bid Security shall be forfeited.

For and on behalf of :

Stamp & Signature :

Name :

Designation :

Date :

`Sign & Stamp of Bidder

Annexure-D

**PROFORMA OF CERTIFICATE
(TO BE SUBMITTED BY CEO/MD OF THE BIDDING COMPANY ON
COMPANY'S LETTER HEAD IN ORIGINAL)**

Ref. :

Date:

To
BUH, HURL Sindri Project,
Hindustan Urvarak & Rasayan Limited,
(A JV of CIL, NTPC, IOCL, FCIL & HFCL)
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

Annexure-E**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