

HINDUSTAN URVARAK & RASAYAN LIMITED

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

BARAUNI UNIT

Barauni Urvarak Nagar, Begusarai

P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115

[Registered Office SCOPE Minar, Core 4, 9TH Floor, Laxmi Nagar District Center, Delhi-110092]



SECTION – II

INSTRUCTIONS TO BIDDERS ***(ITB)***



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

Sr. no	Index
1	Introduction
2	General Information
3	Content of Bidding Documents
4	Benefits To MSEs
5	Cost of Bidding
6	Clarification on Bidding Documents
7	Corrigendum/ Amendment to Bidding Documents
8	Language of Bid
9	Bid Proposal
10	Documents Comprising the Bid
11	Bid Prices
12	Price Basis
13	Bid Currencies
14	Earnest Money Deposit (EMD) / Bid Security
15	Performance Security / Performance Bank Guarantee (PBG)
16	Confirmation of BGs through Structured Financial Messaging System (SFMS)/SWIFT
17	Ineligibility For Future Tenders
18	Period of Validity of Bids (Techno-Commercial Bid and Price Bid)
19	Nil Deviation
20	Format and Signing of Bid
21	Submission of Bids
21.1	Physical bid
21.1.1	Earnest Money Deposit etc.
21.2	on-line
21.2.1	Techno-Commercial Bid
21.2.2	Price Bid
22	Deadline for Submission of Bids
23	Modification and Withdrawal of Bids



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

24	Opening of Bids
25	Clarification on Bids
26	Preliminary Examination of Techno-Commercial Bids
27	Evaluation Of Techno-Commercial Bids
28	Preliminary Examination of Price Bid
29	Discrepancies In Bid
30	Evaluation Criteria
31	Evaluation Of Bids
32	Contacting The Employer
33	Employer's Right to Accept Any Bid and To Reject Any or All Bids
34	Award Criteria
35	Construction of Contract
36	Notification of Award
37	Corrupt or Fraudulent Practices
38	Fraud Prevention Policy
39	Banning Policy
40	Indian Agents Transfer of Bid Documents
41	Transfer of Bid documents
42	Restrictions on procurement from a Bidder of a country which shares a land border with India
43	Preference to Make In India (MII) and granting of purchase preference to local suppliers.
44	Termination of Contract
45	Blacklisting
Annexure-1	Checklist of documents to be submitted:
Annexure-2	Guidelines for online Bid Submission and Reverse Auction.



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

1.0	Introduction	<p>Hindustan Urvarak & Rasayan Limited (HURL) is a joint venture company of Coal India Limited (CIL), NTPC Limited (NTPC) and Indian Oil Corporation Limited (IOCL) as the lead promoters with Fertilizer Corporation of India Limited (FCIL) and Hindustan Fertilizer Corporation Limited (HFCL) as other two partners.</p> <p>HURL, Barauni referred to herein as ‘the Employer’, intends to engage an agency for supply of Goods & related Services or Services as per specifications, Scope of Work as detailed in the Bidding documents.</p>												
2.0	General Information	<p>The prospective Bidders are invited to submit a “Technical & Commercial Bid” and “Price Bid” for the package. Methodology for submission of Bid has been detailed hereunder in this document.</p> <p>Applicability of Reverse Auction may be seen on the CPP website / NIT.</p>												
3.0	Content of Bidding Documents	<p>The items and/or services required, bidding procedures, order/contract terms and technical requirements are prescribed in the bidding documents/Bidding Documents.</p> <p>The bidding documents include the following sections:</p> <table><tr><td>Section-I</td><td>Notice Inviting Tender (NIT)/Tender Enquiry/Invitation for Bid (IFB)</td></tr><tr><td>Section-II</td><td>Instruction to bidder (ITB)</td></tr><tr><td>Section-III</td><td>General Conditions of Contract (GCC)</td></tr><tr><td>Section-IV</td><td>Standard Conditions of Contract (SCC)</td></tr><tr><td>Section-V</td><td>Technical specifications, SOR & Scope of work and other terms & condition.</td></tr><tr><td>Section-VI</td><td>Forms and Procedures</td></tr></table> <p>The Bidder is expected to examine all instructions, forms, terms, conditions, specifications and other information in the bidding documents. Failure to furnish all information required as per the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in rejection of its bid.</p>	Section-I	Notice Inviting Tender (NIT)/Tender Enquiry/Invitation for Bid (IFB)	Section-II	Instruction to bidder (ITB)	Section-III	General Conditions of Contract (GCC)	Section-IV	Standard Conditions of Contract (SCC)	Section-V	Technical specifications, SOR & Scope of work and other terms & condition.	Section-VI	Forms and Procedures
Section-I	Notice Inviting Tender (NIT)/Tender Enquiry/Invitation for Bid (IFB)													
Section-II	Instruction to bidder (ITB)													
Section-III	General Conditions of Contract (GCC)													
Section-IV	Standard Conditions of Contract (SCC)													
Section-V	Technical specifications, SOR & Scope of work and other terms & condition.													
Section-VI	Forms and Procedures													
4.0	Benefits To MSEs	<p>Micro and Small Enterprises (MSEs) shall be exempted from paying Earnest Money Deposit.</p> <p>Further, in case of tenders where splitting of quantity is possible,</p>												



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>participating MSEs quoting price within price band of L1 + 15 percent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply up to 25 percent of total tendered value. In case of more than one such MSE, the supply will be shared proportionately (to tendered quantity).</p> <p>The benefit as above to MSEs shall be available only for Goods/Services produced & provided by MSEs.</p> <p>MSEs seeking exemption and benefits should enclose/upload in e-tender portal an attested/self-certified copy of following registration certificate and BID Security declaration form (Annexure – 13) as a part of his bid, failing which they run the risk of their bid being passed over as ineligible for the benefits applicable to MSEs.</p> <ol style="list-style-type: none"> Ministry of MSME vide Gazette notification no. CG-DL-E-26062020-220191 dated 26.06.2020 had notified certain criteria for classifying the enterprises as Micro, Small and Medium Enterprises and specified, form and procedure for filing the memorandum (Udyam Registration) w.e.f. 01.07.2020 (for complete details of policy refer website of Ministry of MSME i.e. https://msme.gov.in/) Accordingly, Micro and Small Enterprises (MSEs) shall be required to submit Udyam Registration Certificate for availing benefit under Public Procurement Policy for MSEs- 2012. An enterprise registered prior to 30.06.2020 and who is not re-registered with Udyam Registration, shall continue to be valid for a period up to 31.12.2022. Such enterprise shall submit EM Part-II or Udyog Aadhaar Memorandum (UAM) for availing benefits of PPP-2012. (Ref Notification No. CG-DL-E-19012022-232763)
5.0	Cost of Bidding	<p>The Bidder shall bear all costs associated with the preparation and submission of its bid and the Employer will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.</p>
6.0	Clarification on Bidding Documents	<p>A prospective Bidder requiring any clarification of the Bidding Document shall put the query under Clarification tab of the on-line bid at least three days prior to the clarification end date. EMPLOYER will respond to any request for clarification or modification of the bidding documents that it receives within the time line specified.</p> <p>EMPLOYER will post the Clarifications under Clarification tab at e-tender i.e., CPP website. Bidders can view these clarifications.</p> <p>Bidders are advised to regularly check under Clarification tab regarding posting of clarification, if any.</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		Bidders must check the Clarifications issued before submission of Bid. Should the Employer deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so and upload the amendments in the tender on the e-tender portal.
7.0	Corrigendum/ Amendment to Bidding Documents	<p>At any time prior to the deadline for submission of bids, EMPLOYER may, for any reason, whether at its own initiative, or in response to a clarification requested by a prospective Bidder, amend the bidding documents.</p> <p>The corrigendum's/amendment's will be posted in the tender on the e-tender portal for viewing by the Bidder. The amendments will be binding on Bidders and it will be assumed that the information contained therein will have been taken into account by the Bidder in its bid. Bidders are advised to regularly check the tender regarding posting of Amendments, if any.</p> <p>To give prospective Bidders reasonable time to take the corrigendum/amendment into account in preparing their bid, EMPLOYER may, at its discretion, extend the deadline for the submission of bids.</p>
8.0	Language of Bid	The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Employer, shall be written in English language. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English. In such case for purposes of interpretation of the Bid such translation shall govern.
9.0	Bid Proposal	<p>Bid shall be complete in all respects and shall be submitted with requisite information and Attachments. It shall be free from any ambiguity.</p> <p>For preparation of Bids, Bidders are expected to go through the complete bidding documents carefully. Material deficiencies in providing the information requested may result in rejection of the Bid.</p>
10.0	Documents Comprising the Bid	<p>The Bid shall comprise of following components:</p> <p>Technical Bid:</p> <p>The following documents are to be furnished by the Bidder as part of the Technical Bid:</p> <ol style="list-style-type: none"> Techno Commercial Proposal Bid Form Power of Attorney as per requirement mentioned in NIT. proof for payment of Earnest Money Deposit (EMD)/ MSE Certificate for exemption with Annexure -13. Certificates like Registration certificate, GST No, PAN No.



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>etc.</p> <ul style="list-style-type: none"> e) Format for Electronic Payment f) Tender Acceptance Letter & Letter of authorization to submit bid. g) Documents as required in accordance with Eligibility Criteria. Bidder must fill all the details in Annexure-12. h) No deviation Certificate. i) Certificate from CEO or Managing Director or Legally Authorised Signatory, in the format as enclosed with the Bidding Document certifying that the data and documents furnished by them in respect of Techno-Commercial Evaluation are true and correct including the contents thereof. However, if at any point of time the declarations given in bid are found to be incorrect, HURL shall have the full right to terminate the contract and take any action as per provisions of contract including forfeiture of EMD/Security Deposit. j) Acceptance of Fraud Prevention Policy of HURL, k) Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India”. l) Any other document asked for in the Bidding Documents. m) Signed and stamp Copy of GCC, SCC, Technical Specification/scope of work and dully filled all annexures. <p>Price Bid:</p> <p>The Price bid is to be submitted in the BOQ provided in the Tender at https://eprocure.gov.in/eprocure/app.</p> <p>Bidders are advised to fill the BOQ and upload the same on the portal. Bidder should not tamper/modify download price bid template. In case if the same is found to be tampered / modified in any manner, bid will be rejected and EMD would be forfeited and Bidder is liable to be banned from doing business with HURL for a period of 2 years.</p>
11.0	Bid Prices	<p>Bidders shall quote such that the bid price covers all the Supplier’s obligations mentioned in or to be reasonably inferred from the bidding documents including all requirements in accordance with the requirements of the Technical Specifications & Scope of Work. Bidders are required to quote the price for the commercial, contractual and technical obligations outlined in the bidding documents.</p> <p>Bidders shall give a breakdown of the prices in the manner and detail called for in the Bill of Quantity (BOQ).</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

12.0	Price Basis	Bidders are required to quote price on the price basis as per Scope of Work / stipulated in the SCC.
13.0	Bid Currencies	All prices to be quoted by the bidders will be in Indian Rupees only, unless otherwise mentioned in the Special Conditions of Contract, on FIRM price basis and to remain valid during the currency of the Contract.
14.0	EARNEST MONEY DEPOSIT (EMD) / BID SECURITY / GUARANTEE: <ol style="list-style-type: none"> i. The Bidder shall furnish, as part of his bid, Earnest Money Deposit in the amount as stipulated in NIT/IFB/Tender Enquiry, in the form of online payment mode by RTGS / NEFT in the account of HURL details as given in subsequent paragraphs. The receipt of the payment shall be attached as a part of bidding documents. ii. Wherever Bids under Joint Venture route are permitted as per Qualifying Requirement in the Bidding Documents, the Earnest Money Deposit of the Joint Venture must be on behalf of all the partners of the Joint Venture. iii. Any bid not accompanied by an acceptable Earnest Money Deposit in accordance with the aforesaid provisions shall be rejected by the Employer as being non-responsive and shall be rejected without being opened. iv. The Earnest Money Deposit shall be forfeited in any of the following circumstances without any notice or proof of damage to the Employer: <ol style="list-style-type: none"> a) If the Bidder withdraws or varies its bid during the period of Bid validity. b) If the Bidder does not accept the Arithmetical correction of its Bid Price c) If the Bidder refuses to withdraw, without any cost to the Employer, any deviation, variation, additional condition or any other mention anywhere in the bid, contrary to the provisions of bidding documents; d) In the case of a successful Bidder, if the Bidder fails, within the time limit, <ol style="list-style-type: none"> (i) to sign the Contract Agreement (ii) to furnish the required Security Deposit e) If the bidder / his representatives commit any fraud while competing for this contract pursuant to Fraud Prevention Policy of HURL. f) if the Bidder withdraws/ amends, impairs and derogates from the tender. v. No interest will be payable by the Employer on the said amount covered under Earnest Money Deposit. vi. 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 	



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

	<p>opened, shall be released/refunded at the earliest but not later than thirty days beyond the award of the subject work.</p> <p>EMD shall be refunded to successful bidder within (30) thirty days of acceptance of LOA and on submission of PBG by the successful Bidders and no interest shall be payable thereon.</p> <p>vii. RTGS / NEFT details of HURL as under:</p> <p style="padding-left: 40px;">BANK Details for EMD Payment through NEFT/RTGS: Bank Name–State Bank of India, Overseas Branch, NEW DELHI (17313) IFS CODE: SBIN0004803, Account No: 00000037880422277.</p> <p>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.</p> <p>Price Bids shall be opened only of those bidder(s) whose EMD shall be found as per the requirement of the bidding documents.</p> <p>Exemption from submission of EMD:</p> <p>Micro and Small Enterprises (MSEs) bidders are exempted from submission of EMD as per provisions at clause 4.0 above and shall submit Annexure – 13.</p>		
<p style="text-align: center;">15.0</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px; vertical-align: top;"> <p>Performance Security / Performance Bank Guarantee (PBG)</p> </td><td style="padding: 5px; vertical-align: top;"> <p>Within thirty (30) days of the receipt of Purchase Order/Service Order from the Employer, the contractor shall furnish the Contract Performance Security / Guarantee, for the due performance of the Contract for the value as tabulated below with an initial validity up to ninety (90) days beyond the completion date for work plus defect liability period (if any), for due performance of the Contract(s)/Order(s) in any form acceptable to the Employer.</p> <p>PBG amount equivalent to 3% of the work order value shall be applicable.</p> <p>Performance Security / Performance Bank Guarantee (PBG) may be submitted in any of the following forms:</p> <ol style="list-style-type: none"> a) electronically by RTGS / NEFT in the account of HURL details of which are given in bidding document <li style="text-align: center;">or b) in the form of an irrevocable bank guarantee in accordance with the form of included in the bidding documents (Annexure 9 of Section VI (Forms and Procedures)) from any Nationalized bank / Scheduled Bank recognised by Reserve Bank of India. <p>Failure of the supplier to submit the above-mentioned Performance Security / Performance Bank Guarantee (PBG) shall constitute sufficient grounds for the annulment of the award and forfeiture of</p> </td></tr> </table>	<p>Performance Security / Performance Bank Guarantee (PBG)</p>	<p>Within thirty (30) days of the receipt of Purchase Order/Service Order from the Employer, the contractor shall furnish the Contract Performance Security / Guarantee, for the due performance of the Contract for the value as tabulated below with an initial validity up to ninety (90) days beyond the completion date for work plus defect liability period (if any), for due performance of the Contract(s)/Order(s) in any form acceptable to the Employer.</p> <p>PBG amount equivalent to 3% of the work order value shall be applicable.</p> <p>Performance Security / Performance Bank Guarantee (PBG) may be submitted in any of the following forms:</p> <ol style="list-style-type: none"> a) electronically by RTGS / NEFT in the account of HURL details of which are given in bidding document <li style="text-align: center;">or b) in the form of an irrevocable bank guarantee in accordance with the form of included in the bidding documents (Annexure 9 of Section VI (Forms and Procedures)) from any Nationalized bank / Scheduled Bank recognised by Reserve Bank of India. <p>Failure of the supplier to submit the above-mentioned Performance Security / Performance Bank Guarantee (PBG) shall constitute sufficient grounds for the annulment of the award and forfeiture of</p>
<p>Performance Security / Performance Bank Guarantee (PBG)</p>	<p>Within thirty (30) days of the receipt of Purchase Order/Service Order from the Employer, the contractor shall furnish the Contract Performance Security / Guarantee, for the due performance of the Contract for the value as tabulated below with an initial validity up to ninety (90) days beyond the completion date for work plus defect liability period (if any), for due performance of the Contract(s)/Order(s) in any form acceptable to the Employer.</p> <p>PBG amount equivalent to 3% of the work order value shall be applicable.</p> <p>Performance Security / Performance Bank Guarantee (PBG) may be submitted in any of the following forms:</p> <ol style="list-style-type: none"> a) electronically by RTGS / NEFT in the account of HURL details of which are given in bidding document <li style="text-align: center;">or b) in the form of an irrevocable bank guarantee in accordance with the form of included in the bidding documents (Annexure 9 of Section VI (Forms and Procedures)) from any Nationalized bank / Scheduled Bank recognised by Reserve Bank of India. <p>Failure of the supplier to submit the above-mentioned Performance Security / Performance Bank Guarantee (PBG) shall constitute sufficient grounds for the annulment of the award and forfeiture of</p>		



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>the Bid Security.</p> <p>No interest shall be payable by the Employer to the Contractor against the Security Deposit furnished.</p> <p>Performance Security shall be returned after Certification of completion of work and Defect Liability period (if any) by EIC. However, the contractor will have to apply in writing, for refund of the same.</p>
16.0	Confirmation of BGs through Structured Financial Messaging System (SFMS)/SWIFT	<p>While issuing the physical BGs, the Bidder's Bank shall also send electronic message through secure SFMS (in case of BGs issued from within India) or SWIFT (in case of BGs issued from outside India) to Employer's Beneficiary Bank whose details are provided in the Special Purchase Conditions.</p> <p>Bidders are advised to ensure that the message is sent by their Bankers and the Bidders must submit the reference details as part of the bid with the EMD.</p> <p><u>Name of Beneficiary of Bank Guarantee:</u></p> <p>Name of the Bank: State Bank of India</p> <p>Account Name-Hindustan Urvarak & Rasayan Limited</p> <p>Account no-37880422277</p> <p>IFSC code- SBIN0004803.</p> <p>In case of submission of EMD in the form of Bank Guarantee, bidders are requested to provide the Details like Bank Name, Branch address, IFSC code and Branch E-mail Id of BG issuing Branch on EMD submission covering letter</p>
17.0	Ineligibility For Future Tenders	<p>Notwithstanding the provisions regarding forfeiture of Earnest Money Deposit specified above, if a bidder after having been issued the Purchase Order/Contract, either does not accept the Purchase Order/Contract or does not submit an acceptable Performance Security and which results in tender being annulled then such bidder shall be treated ineligible for participation in the present and future tenders issued from HURL - Barauni for a period of 6 months from the date of withdrawal of the purchase order / contract or last communication date of notice issued by HURL, whichever is earlier.</p> <p>If a bidder after opening of tenders where EMD is 'NIL/Not applicable' or exempted for bidders as per policy guidelines, withdraws its offer within the validity period of the offer, then such bidder shall be treated as ineligible for participation in the present and future tenders issued from HURL - Barauni for a period of 6 months from the date of withdrawal of the bid.</p> <p>If a bidder after having been issued the Notification of Award/Purchase Order of a package where EMD is 'NIL/Not applicable' or exempted for bidder as per policy guidelines, either</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		does not accept the Notification of Award/Purchase Order or does not submit an acceptable Performance Security pursuant to ITB Clause titled 'Performance Security', and which result in tender being annulled then such bidder shall be treated ineligible for participation in the present & future tenders issued from HURL - Barauni for a period of 6 months from the date of withdrawal of the purchase order / contract or last communication date of notice issued by HURL, whichever is earlier.
18.0	Period of Validity of Bids (Techno-Commercial Bid and Price Bid)	<p>Bids shall remain valid for a period of 180 days from the closing date prescribed by EMPLOYER for the receipt of bids, unless otherwise specified in Special Conditions of Contract (SCC). A bid valid for a shorter period shall be rejected by EMPLOYER as being non-responsive.</p> <p>In exceptional circumstances, EMPLOYER may solicit the Bidder's consent to an extension of the bid validity period. The request and responses thereto shall be made in writing by post or email or by telefax followed by post confirmation. If a Bidder accepts to extend the period of bid validity, the validity of Earnest Money Deposit shall also be suitably extended. A Bidder may refuse the request without forfeiting its Earnest Money Deposit. A Bidder granting the request will not be required nor permitted to modify its bid.</p>
19.0	Nil Deviation	<p>No deviation, whatsoever, is permitted by EMPLOYER to any provision of Bidding Documents. The Bidders are advised that while making their Bids and quoting prices, all conditions are appropriately taken into consideration. Bidders shall certify their compliance to the complete Bidding Documents as per Certificate at Annexure 4 of Section VI (Forms and Procedures).</p> <p>In case the Products and/or Services offered do not meet the Technical requirements, the bid shall be rejected as Technically non-responsive.</p> <p>Bidders may note that in case the Bidder refuses to withdraw additional conditions/deviations/variations/exception, implicit or explicit, found anywhere in the techno-commercial bid, the bid shall be rejected as Technically non-responsive.</p> <p>Bidders may also note that any deviation/variation in any form in the Price Bid shall result in forfeiture of EMD.</p>
20.0	Format and Signing of Bid	The bid including all documents uploaded in the on-line bid shall be digitally certified by a duly authorised representative of the Bidder to bind him to the contract using Class II or Class-III digital signature (in the name of designated individual with Organisation name). The Digital Signature shall be as per Indian IT Act from the licensed Certifying Authorities (CA) operating under the Root Certifying Authority of India (RCAI) namely Controller of Certifying Authorities (CCA) of India.



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		An authorisation letter/power of attorney indicating that the person signing the bid has the authority to sign the bid is to be submitted in Physical form and copy uploaded as part of the Techno-commercial Bid.
21.0	Submission of Bids	Bid shall be submitted through e-tender mode in the manner specified elsewhere in bidding document. No Manual/ Hard Copy of the Bid shall be acceptable except those asked for in Physical form.
21.1	PHYSICAL BID	
	EMD	<p>The Bidder shall furnish, as part of his bid, a Earnest Money Deposit in the amount as stipulated in NIT/IFB/Tender Enquiry, in a separate envelope (in case paid in modes other than on line payment) superscribed on the top as under:</p> <p><i>“ORIGINAL EARNEST MONEY DEPOSIT FOR NIT NO. DATED..... FOR (NAME OF PACKAGE) DUE ON (DATE OF BID OPENING) FROM (NAME OF THE BIDDER).”</i></p>
21.2	ON-LINE	<p>Bid along with all the documents should be submitted in the electronic form only through e-Tendering system.</p> <p>Any revision or amendment in bid shall be possible only up to the due date and time of submission of tender.</p>
21.2.1	Techno-Commercial Bid	
(A)	COVER TYPE – FEE	MSEs seeking exemption and benefits should enclose/upload in e-tender portal a attested/self-certified copy of registration certificate as a part of his bid, failing which they run the risk of their bid being passed over as ineligible for the benefits applicable to MSEs.
(B)	COVER TYPE – TECHNICAL	<p>The bidders shall upload documents in compliance to the Bidding Documents.</p> <p>The following documents are to be furnished by the Bidder as part of the Technical Bid:</p> <ol style="list-style-type: none"> Techno Commercial Proposal Bid Form (Enclosed as Annexure-1 to Forms and Procedures i.e., Section VI) Power of Attorney as per requirement mentioned in NIT. Signed, Stamped and Scanned copy of proof for payment of Earnest Money Deposit (EMD)/ MSE Certificate. Signed, Stamped and Scanned copy of Certificates like



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>Registration certificate, GST No, PAN No. etc.</p> <p>e) Signed, Stamped and Scanned copy of Format for Electronics Payment (Enclosed as Annexure-2 to Forms and Procedures i.e., Section VI)</p> <p>f) Signed, Stamped and Scanned copy of Tender Acceptance Letter & Letter of authorization to submit bid (Enclosed as Annexure-3 to Forms and Procedures i.e., Section VI)</p> <p>g) Documents as required in accordance with Eligibility Criteria i.e., <u>Clause 6</u> of NIT</p> <p>h) Signed, Stamped and Scanned copy of No deviation Certificate Enclosed as Annexure-4 to Forms and Procedures i.e., Section VI)</p> <p>i) Signed, Stamped and Scanned copy of Certificate from CEO or Managing Director or Legally Authorised Signatory, in the format as enclosed as Annexure-5 to Forms and Procedures i.e., Section VI to Bidding Document shall be furnished certifying that the data and documents furnished by them in respect of Techno-Commercial Evaluation are true and correct including the contents thereof. However, if at any point of time the declarations given in bid are found to be incorrect, HURL shall have the full right to terminate the contract and take any action as per provisions of contract including forfeiture of EMD/Security Deposit.</p> <p>j) Acceptance to Fraud Prevention Policy of HURL, for which the bidder has to submit Signed, Stamped and Scanned copy of Form of Acceptance of Fraud Prevention Policy of HURL. (Enclosed as Annexure-6 to Forms and Procedures i.e., Section VI)</p> <p>k) Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India”. (Enclosed as Annexure-7 to Forms and Procedures i.e., Section VI)</p> <p>l) Declaration of GST</p> <p>m) Any other document asked for in the Bidding Documents.</p> <p>Note: -</p> <p>Bidders are requested to upload the clearly visible documents only otherwise if not clearly visible then offer shall be liable for rejection without any further communication. The Techno-Commercial Bid should not contain any price content entry. In case, the Techno-</p>
--	--	---



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>Commercial Bid is found to contain any price content, such bid shall be liable for rejection.</p> <p>Checklist of documents to be submitted is enclosed as Annexure-1 to ITB.</p>
21.2.2	Price Bid (COVER TYPE – FINANCE)	<p>The Price bid is to be submitted in the BOQ provided in the Tender at https://eprocure.gov.in/eprocure/app.</p> <p>Bidders are advised to fill the BOQ and upload the same on the portal. Bidder should not tamper/modify download price bid template. In case if the same is found to be tampered / modified in any manner, bid will be rejected and EMD would be forfeited and Bidder is liable to be banned from doing business with HURL for a period of 2 years.</p> <p>Bidders shall necessarily submit the prices on-line in the Bill of Quantity (BOQ) only.</p> <p>For preparation of the “Price Bid”, Bidders are expected to take into account the requirements and conditions of the bidding documents. The Price Bid shall be made in the ‘BOQ’ (excel file) only of Bidding Documents.</p> <p>The rate quoted by the bidder shall be inclusive of all provisions for incidental expenses necessary for proper execution and completion of the work in accordance with the terms & condition of the bidding document.</p> <p>All prices to be quoted by the bidders will be in Indian Rupees only, unless otherwise mentioned in the Special Conditions of Contract, on FIRM price basis and to remain valid during the currency of the Contract.</p>
	Documents to be uploaded in the format stipulated in the tender (online).	
	Note:	<p>In case of Single Stage Two envelope bidding, Price Bid of those bidders whose bids are found to be qualified and technically & commercially responsive shall be opened at a later date under intimation to such bidders.</p>
22.0	Deadline for Submission of Bids	<p>Bids must be submitted online no later than the time and date stated in the Tender Enquiry/NIT/ on line Tender details.</p> <p>The Off-line bid specified in the tender must be submitted to the Employer at the address given in the Special Conditions of Contract before the last date & Time for submission of Bid as specified in the NIT / Tender. Employer shall not be liable for loss/non-receipt/late receipt of above documents in postal transit.</p> <p>The on-line Bid must be submitted on the system well before the expiry of time and the schedule specified in the tender</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

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



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

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



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

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



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		shall prevail, and the total price shall be corrected accordingly.
30.0	Evaluation Criteria	<p>The evaluation criteria specified in Special Conditions of Contract (SCC) shall over-ride all other similar related clauses appearing elsewhere in the bidding documents.</p> <p>The evaluation shall be based on the evaluated cost of fulfilling the contract in compliance with all commercial, contractual and technical obligations under this Bidding Document.</p>
31.0	Evaluation Of Bids	<p>a) The Employer shall evaluate each Bid that has been determined, up to this stage of the evaluation, to be substantially responsive.</p> <p>b) To evaluate a Bid, HURL shall only use all the criteria and methodologies defined in this document.</p> <p>c) To evaluate a Bid, HURL shall consider the following:</p> <ul style="list-style-type: none"> • The bid price as quoted as per Bill of Quantity (BOQ) • Price adjustment for correction of discrepancy. • Price adjustment due to Price Preference, pursuant to ITB clause 4.0, if applicable • Price adjustment due to Price Preference due to any other condition specified in Special Purchase Condition; • Price adjustment due to application of the evaluation criteria.
32.0	Contacting The Employer	<p>Subject to ITB clause 25.0 above, no Bidder shall contact the Employer on any matter relating to its bid, from the time of the opening of Bids to the time the contract is awarded.</p> <p>Any effort by a Bidder to influence the Employer in the Employer's bid evaluation, bid comparison or contract award decisions may result in rejection of the Bidder's bid.</p>
33.0	Employer's Right To Accept Any Bid And To Reject Any Or All Bids	<p>The Employer reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder(s) of the grounds for the Employer's action.</p>
34.0	Award Criteria	<p>Subject to ITB Clause 33, the Employer will award the contract to the successful Bidder whose bid has been determined to be substantially responsive to the Bidding Documents and qualified to perform the contract satisfactorily, as per methodology specified in Special Conditions of Contract (SCC).</p> <p>The Bidder will be required to comply with all requirements of the Bidding Documents without any extra cost to the Employer, failing which his Earnest Money Deposit will be forfeited.</p>
35.0	Construction of Contract	<p>If required, HURL may place separate Orders for supplies and Services.</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>The award of separate Purchase Orders shall not in any way dilute the responsibility of the Supplier for the successful completion of the Facilities as per Contract documents and a breach in one Purchase Order shall be construed as a breach of the other Purchase Order(s) which will confer a right on the Employer to terminate the other Contract(s) also at the risk and cost of the Supplier.</p> <p>The total value of all the orders shall be the Total Package value.</p>
36.0	Notification of Award	<p>Prior to the expiration of the period of bid validity, the Employer will notify the successful Bidder in writing by email or letter or by telefax to be confirmed in writing by letter sent by Speed Post/Registered/courier, that its bid has been accepted. The notification of award (Purchase/Service Order) will constitute the formation of the contract and shall be effective from the date of award or the date as specified in Special Conditions of Contract (SCC).</p>
37.0	Corrupt Fraudulent Practices	<p>Employer requires that Bidders, Contractors and Suppliers observe the highest standard of ethics during the procurement and execution of the contracts. In pursuance of this policy, Employer:</p> <p>(a) defines, for the purposes of this provision, the terms set forth below as follows:</p> <p>(i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and</p> <p>(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition;</p> <p>(b) will reject a bid for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;</p> <p>(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing a contract of the Employer.</p>
38.0	Fraud Prevention Policy	<p>The Bidders/ Service Providers/ Vendors/ Consultants etc. shall strictly adhere to the Fraud Prevention Policy of HURL displayed on its website http://www.hurl.net.in and shall not indulge or allow anybody else working in their organization to indulge in fraudulent activities and immediately apprise HURL of the fraud/suspected</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>fraud as soon as it comes to their notice. A certificate to this effect shall be furnished by the bidder along with his bid, in relevant attachment as per format enclosed (Annexure 6 of Section VI (Forms and Procedures)) with the Bidding Document.</p> <p>If in terms of above policy, it is established that the bidder/his representatives have committed any fraud while competing for this contract then the Earnest Money Deposit shall be forfeited.</p>
39.0	Banning Policy	Business dealings may be withheld or banned with the Contractor on account of any Default by the Contractor under Clause 44.
40.0	Indian Agents	<p>In a tender, either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product.</p> <p>If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit bid on behalf of another Principal/OEM in the same tender for the item/product.</p>
41.0	Transfer of Bid Documents	<p>a. Transfer of Bidding documents is not permissible.</p> <p>b. Documents purchased / downloaded by the intending bidders cannot be transferred.</p>
42.0	Restrictions on procurement from a Bidder of a country which shares a land border with India	<p>i. Any Bidder (including its Collaborator/Associate/DJU Partner/JV partner/Consortium Member/Assignee, wherever applicable) from a country which shares a land border with India will be eligible to bid in this tender only if bidder is registered with the Competent Authority.</p> <p>Such registration should be valid for the entire period of bid validity or any extension thereof. However, in case the validity period of registration is less than bid validity period, the Bidder shall be required to submit the extension of the validity period of registration before the opening of price bids, failing which the bid shall be rejected.</p> <p>Further the successful bidder shall not be allowed to sub-contract works to any “Sub-contractor” from a country which shares a land border with India unless such Sub-contractor is registered with the competent Authority as mentioned in SCC.</p> <p>However, the said requirement of registration will not apply to bidders/sub-contractors from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects. Bidders may apprise themselves of the updated lists of such countries available in the website of the Ministry of External Affairs.</p> <p>ii. “Bidder” (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>company, every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.</p> <p>iii. “Sub-contractor” (including the term ‘Sub-vendor’/Sub-supplier’ in certain contexts) means any person or firm or company, every artificial juridical person not falling in any of the descriptions of Sub-contractors stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.</p> <p>iv. “Bidders from a country which shares a land border with India” / “Sub-contractor from a country which shares a land border with India” mentioned in para above means;</p> <p>a) An entity incorporated, established or registered in such a country; or</p> <p>b) A subsidiary of an entity incorporated, established or registered in such a country; or</p> <p>c) An entity substantially controlled through entities incorporated, established or registered in such a country; or</p> <p>d) An entity whose beneficial owner is situated in such a country; or</p> <p>e) An Indian (or other) agent of such an entity; or</p> <p>f) A natural person who is a citizen of such a country; or</p> <p>g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.</p> <p>v. The beneficial owner for the purpose of clause “iv” above will be as under;</p> <p>a) In case of company of Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.</p> <p>Explanation-</p> <p>i. “Controlling ownership interest” means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company;</p> <p>ii. “Control” shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholdings or management rights or shareholders agreements or voting agreements;</p> <p>b) In case of a partnership firms, the beneficial owner is the</p>
--	--	---



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>natural person(s) who, whether acting alone or together, or through one or more judicial person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;</p> <p>c) In case of an unincorporated associations or body of individuals, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;</p> <p>d) Where no natural person is identified under (a) or (b) or (c) above, the beneficial owner is the relevant natural person who holds the position of senior managing officials;</p> <p>e) In case of a trust, the identifications of beneficial owner(s) shall include identification of the author of trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.</p> <p>vi. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.</p> <p>vii. In regard to “Restrictions on procurement from a Bidder of a country which shares a land border with India” bidder has to submit Certificate as per Annexure 7 of Section VI (Forms and Procedures) of the bidding document.</p>
43.0	Preference to Make In India (MII) and granting of purchase preference to local suppliers.	<p>Preference to Make in India and Eligibility for participation/ granting of purchase preference to Class-I local suppliers.</p> <p>Preference shall be given to bidders as per the policy “Public Procurement (Preference to Make in India), Order 2017- Revision order No. 45021/2/2017-BE-II and amendments”.</p> <p>Bidder must submit Annexure 14 of section VI for participating in Preference to MII.</p> <p>For order preference, MSE guidelines mentioned above in 4.0 read in conjunction with “Preference to Make in India and granting of purchase preference to local suppliers” mentioned in</p> <p>The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids.</p>
44.0	Termination of contract	<p>If the Contractor:</p> <p>(a) at any time makes default in proceeding with the Works with due diligence and continues to do so after a notice of seven (7) days in writing from the Engineer-inCharge; or</p> <p>(b) commits default in complying with any of the terms and conditions of Contract and does not remedy it or take effective steps to remedy it within seven (7) days after a notice in writing is given to him in that behalf by the</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>Engineer-in-Charge; or</p> <p>(c) fails to complete the Works or items of Work with individual dates of completion, on or before the date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge; or</p> <p>(d) shall offer, or give or agree to give to any person in Employer's service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or having done or forborne to do any act in relation to the obtaining or execution of this or any other Contract for the Employer; or</p> <p>(e) shall enter into a contract with the Employer in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Employer/ Engineer-in-Charge; or</p> <p>(f) shall obtain a Contract with the Employer as a result of ring bidding or other nonbonafide methods of competitive bidding;</p> <p>(g) In case of poor performance, the contract shall be terminated with a notice period of 15 days without any liability to HURL Barauni. IN the event of unsatisfactory performance, Hurl Barauni reserves right to cancel part or whole of the work order / contract /PO and make alternative arrangement at any time during of contract on risk & cost of contractor and / or forfeit security deposit.</p> <p>The Employer may, without prejudice to any other right to remedy which shall have accrued or shall accrue thereafter to the Employer by written notice, cancel the Contract as a whole or only such items of work in default, from the Contract.</p>
45	Blacklisting	If the contractor is terminated under clause 44 or made ineligible for tendering under clause 17 then HURL reserves the right to black list the bidder for 12 months from the date of notice.
46	Contract Agreement	On successful award of order or issue of Purchase order the bidder shall submit a non- judicial stamp paper of Rs. 1000/- with 03 bond dummy papers along with all other supporting documents as stipulated in the tender document within 15 days of receipt of Letter of Award (LOA) or Purchase order, failing which the tender is liable to be rejected.
	Important Note	The Special Conditions of Contract (SCC) will supersede any other related conditions anywhere else in the Bidding Documents and will prevail for evaluation / finalization of the tender.



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

Annexure-1 to ITB

Checklist of documents to be submitted:

Sr. No	Item	Yes / No	Bid Ref.
1	Techno Commercial Proposal Bid Form. (Enclosed as Annexure-1 to Forms and Procedures i.e., Section VI)		
2	Power of Attorney as per requirement mentioned in NIT.		
3	Signed, Stamped and Scanned copy of proof for payment of Earnest Money Deposit (EMD) / MSE Certificate with applicable annexure form for exemption.		
4	Signed, Stamped and Scanned copy of Certificates like Registration certificate, GST No, PAN No, PF etc.		
5	Signed, Stamped and Scanned copy of Format for Electronics Payment (Enclosed as Annexure-2 to Forms and Procedures i.e., Section VI)		
6	Signed, Stamped and Scanned copy of Tender Acceptance Letter (Enclosed as Annexure-3 to Forms and Procedures i.e., Section VI)		
7	Documents as required in accordance with Qualifying Requirements / Pre-Qualification Criteria (PQC) i.e., <u>Clause 6</u> of NIT		
8	Signed, Stamped and Scanned copy of No deviation Certificate (Enclosed as Annexure-4 to Forms and Procedures i.e., Section VI)		
9	Signed, Stamped and Scanned copy of Certificate from CEO/MD/ Legally Authorised Signatory, in the format as		



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

	enclosed as Annexure-5 to Forms and Procedures i.e., Section VI) to Bidding Document shall be furnished certifying that the data and documents furnished by them in respect of Techno-Commercial Evaluation are true and correct including the contents thereof. However, if at any point of time the declarations given in bid are found to be incorrect, HURL shall have the full right to terminate the contract and take any action as per provisions of contract including forfeiture of EMD/Security Deposit.		
10	Acceptance to Fraud Prevention Policy of HURL, for which the bidder has to submit Signed, Stamped and Scanned copy of Form of Acceptance of Fraud Prevention Policy of HURL. (Enclosed as Annexure-6 to Forms and Procedures i.e., Section VI).		
11	Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India” i.e. (Enclosed as Annexure-7 to Forms and Procedures i.e., Section VI).		
12	Work orders subject to tender for qualification as per Annex – 12 with clearly mentioning Purchase order details relevant to tender based on which PQC can be achieved. Not to be mentioned as “As Attached”/ “mentioned in Bid ”/ etc.		
13	Declaration of GST		
14.	Any Other Document asked for in the Bidding		

Note: Failure to Upload Authentic and Correct Documents as mentioned at Sr. No, I to 14 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.



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

Annexure 2 to ITB

A	<p>Instructions for Online Bid Submission</p>	<p>The bidders are required to submit their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bidsonline on the CPP Portal.</p> <p>More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app.</p> <p>1.0 REGISTRATION</p> <p>1.1 Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.</p> <p>1.2 As part of the enrollment process, the bidders will be required to choose a unique username and assign a password for their accounts.</p> <p>1.3 Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.</p> <p>1.4 Upon enrollment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify / nCode / eMudhra etc.), with their profile.</p> <p>1.5 Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.</p> <p>1.6 Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.</p> <p>2.0 SEARCHING FOR BIDDING DOCUMENTS</p> <p>2.1 There are various search options built in the CPP Portal, to facilitate bidders to 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</p>
---	--	--



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>Portal.</p> <p>2.2 Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the Bidding Document.</p> <p>2.3 The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.</p> <p>3.0 <u>PREPARATION OF BIDS</u></p> <p>3.1 Bidder should take into account any corrigendum published on the Bidding Document before submitting their bids.</p> <p>3.2 Please go through the Bidding Document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.</p> <p>3.3 Bidder, in advance, should get ready the documents to be submitted as indicated in the Bidding Document / schedule. Generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.</p> <p>4.0 <u>SUBMISSION OF BIDS:</u></p> <p>4.1 Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. HURL shall NOT be responsible for any delay.</p> <p>4.2 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the Bidding Document.</p> <p>4.3 Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.</p> <p>4.4 Bidder should prepare the EMD as per the instructions specified in the Bidding Document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the Bidding Documents.</p>
--	--	--



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>4.5 Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the Bidding Document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the blue colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.</p> <p>4.6 The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.</p> <p>4.7 All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology.</p> <p>4.8 Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded Bidding Documents become readable only after the tender opening by the authorized bid openers.</p> <p>4.9 The uploaded Bidding Documents become readable only after the tender opening by the authorized bid openers.</p> <p>Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid withall other relevant details.</p> <p>4.10The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.</p> <p>4.11The Bidder is allowed to re-submit the Bid and related Bid documents before the last date of Bid submission and time. The Bid can be re-submitted as many times as required by the Bidder, within the indicated timelines. The last version of the Bid submitted by the Bidder before the Bid submission date</p>
--	--	---



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>and time will be considered for Bid evaluation.</p> <p>4.12The Bidder is permitted to withdraw his Bid before the last date of Bid submission and time through the CPP Portal. The bidder should provide the supporting reasons for bid withdrawal and attach the supporting letter to the Purchaser.</p> <p>4.13During bid evaluation, EMPLOYER may, at its discretion, ask the Bidder for a clarification of its bid including documentary evidence pertaining to the Purchase Orders/Contracts executed declared in the bid for the purpose of meeting Qualifying Requirement specified in NIT/IFB. The request for clarification and the response shall be in writing, and no change in the price or substance of the bid including substitution of Purchase Orders/Contracts executed in the bid by new/additional Purchase Orders/Contracts executed for conforming to Qualifying Requirement shall be sought, offered or permitted.</p> <p>For this purpose, only 1 chance, shall be given. If the techno-commercial acceptability of bidder is established upon verification of documents including clarifications submitted, the case shall be considered for further processing. If the bidder happens to be defaulter upon verification of the documents or has not uploaded the required document within the mentioned time frame his bid would be analyzed based on the uploaded documents and if found not in order as per requirement, would be outrightly rejected.</p>
B.	Reverse Auction (Not Applicable)	<p>Procedure in submission of bids by the bidders during Reverse/Forward auction online.</p> <ul style="list-style-type: none"> ➤ Bidders shall login using their login ID & Password and then using DSC. ➤ Click on My Auctions button given in left side of page, to view Action details for which Techno-Commercially qualified. ➤ For participating in Live Auction, <ul style="list-style-type: none"> a) Click on Live Auction Button. b) Click on View button to participate in interested Auction. c) There is List of qualified Lots in which Bidder can participate against selected Auction. d) Click on Hammer Icon to participate in the respective lot. e) On clicking Hammer Icon, system will show Start price, Decremental (or incremental) price and Current price against lot. Current Price is appearing as Blank in case no bidder has offered price. f) Enter your Price in 'My Auction Price' in multiples of decremental (incremental) value up to above (below) Max



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>Seal % value, and then sign it digitally by clicking on Sign Icon and Clickon submit button.</p> <p>g) System will show your Latest Value / Price Quoted and system will also show Least Amount/ Rate which any Bidder would have quoted.</p> <ol style="list-style-type: none"> 1. Tender Cum Auction is a combination of Tender Followed by Reverse Auction. It is also called as eRA. <p>Subsequently, Reverse Auction will be conducted amongst techno-commercially qualified / approved bidders after Opening of Financial/Price Bids' online.</p> <p>The Reverse Auction will be normally initiated after Opening of Price Bids. There will be no participation fees for Auction. Only such bidders - who have been found techno-commercially qualified as per requirements of the tender will be permitted to participate in the Reverse Auction.</p> <p>After opening of the price (financial) bids, System displays L1 price based on either over all basis or item wise/lot basis automatically. Using this system provided price, which would be auction start price procuring entity will create Reverse Auction and publish the same.</p> <p>The Techno-commercially qualified bidders will receive Auction information through SMS & email. The participating bidders get an opportunity to revise their prices (reduce in case of Reverse Auction). It allows bidders multiple opportunities to offer a price.</p> <ol style="list-style-type: none"> 2. The lowest value quoted by the bidder will become the auction start price for auction and the participant bidders have to quote below the auction price. 3. The Bidder would be allowed to bid lower than the opening price of auction in multiples of the decrement value mentioned in <u>para-5</u>. However, bidder can only bid lower than the Lowest Bid. 4. The auction will be done on bid value (to be provided by bidder) which will be derived based upon cost as mentioned in para below. It is inclusive of any taxes, etc. 5. The minimum decrement value will be Rs. 10,000.00 as mentioned in clause VII below. The reduction shall have to be made as per decrement value or in multiple thereof. 6. Bidders shall be able to view the following on their screen
--	--	---



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>along with the necessary fields during Online Reverse Auction:</p> <ol style="list-style-type: none"> Current Bid Price in the Auction. Start Price. Decrement value. <p>At no point of time will any bidder see the names of other bidders, or the prices of bidders other than the lowest bid.</p> <p>7. In case of Reverse Auction, in order to displace a standing lowest bid and to become “L1”, a bidder can offer a minimum bid decrement or in multiples of decremental value up to above Max Seal %.</p> <p>For example:</p> <p>Current price:- Rs. 4,90,000 Decrement value: - Rs. 10000 System Defined Maximum Seal %:- 50, in this case a bidder can quote minimum decrement amount as Rs 4,90,000-10,000= Rs. 4,80,000 and maximum decrement amount is 490000-245000-10000=235000=240000*.</p> <p>8. A bidder can continue to revise his bid till the auction ends. However, the Bidder cannot quote/Bid equal to the Leading / Lowest Bid. He must always quote lower than the Leading/Lowest Bid site.</p> <p>9. The evaluation criteria is based on Price alone in auction. The Bidder who quotes the lowest evaluated Price is determined as the lowest bidder.</p> <p>10. System protects bid and bidder information till auction gets over and displays current L1 price to the bidder.</p> <p>11. Initial period of reverse auction will be two hours in the slot of 10 minutes. There will be auto extensions of time every time by ten minutes in case of any reduction recorded in the last ten minutes. The reverse auction will come to a close only when there is no further reduction recorded in the last ten minutes slot in any site i.e., after 1 hour 50 minutes.</p> <p>12. The log details of the entire reverse auction process will be generated by the system once the process of reverse auction is completed.</p> <p>13. If a bidder does not submit his bid in the Reverse Auction, the price quoted by him in the price bid shall be considered as the final price of that bidder.</p> <p>14. Since, reverse auction is a sequel to e-tender, the process of finalizing the tender upon completion of reverse auction will be same as the tender process without reverse auction.</p>
--	--	--



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>15. The bid history shall reflect only the bid value inclusive of taxes. The value will not be same for two bidders even if any bidder makes such an attempt in the bidding.</p> <p>16. Only the chronologically last price bid submitted by the bidder till the end of the auction shall be considered as the valid price bid of that bidder. Any bid submitted prior to submission of his last bid will not be considered as the valid price bid.</p> <p>17. Server time shall be the basis of Start time & Closing time for bidding and shall be binding for all. This would be visible to all concerned.</p> <p>18. All electronic bids submitted during the reverse auction process shall be legally binding on the bidder. The chronologically last bid submitted by the bidder till the end of the auction will be considered as the valid price bid offered by that bidder against that site and acceptance of the same by HURL will form a binding contract between HURL and the bidder for entering into a contract.</p> <p>19. If the lowest price received during reverse auction is unreasonable or it is unacceptable on ground of being too high compared with estimated price, the HURL management reserves right to seek justification of the price from lowest bidder. If the price is not considered reasonable, HURL may not accept such bid and may go for another tender process.</p> <p>20. In case of disruption of service at the service provider's end while the RAP is online, due to any technical snag or otherwise attributable to the system failure at the server end, the RAP process will start all over again. In such a situation, the last recorded lowest price of prematurely ended RAP, will be the 'Start Bid' price for the restarted RAP. The prices quoted in the prematurely ended RAP will be binding on all the bidders for consideration, if the restarted RAP does not trigger within the stipulated time.</p> <p>21. However, if Reverse Auction does not lead to any bid, HURL shall reserve the right to award the job based on the lowest prices quoted in online commercial bid.</p> <p>22. The successful bidder needs to submit the revised BOQ in line with price quoted by him in reverse auction. The ratio of percentage decrease in cost of each item of BOQ component shall be same as the overall percentage reduction in the bid value</p>
--	--	--



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>originally quoted by successful bidder and final L1 value quoted by successful bidder.</p>
		<p>23. The detailed Break-up of offered cost, provided by the successful bidder shall be considered and order, if placed, shall be with the same break-up of prices. The successful bidder(s) after reverse auction will be responsible to ensure that the rate as per the breakup of prices provided by him after the reverse auction and total value offered by him in the reverse auction are in same proportion. The successful bidder will not be allowed to increase the rate of any component while submitting the breakup. While giving the break up, the successful bidder will have to consider same rate of taxes as quoted while submitting the commercial bid. In case the successful bidder(s) fail(s) to submit the final BoQ within 3 days or the break up given by bidder does not match with total offered price, the HURL will be at liberty to place order by proportionately reducing the component rates on basis of the breakup of the e-auction bid submitted by the successful bidder along with the initial offer and the same will be binding on the successful bidder.</p>
		<p>Bidders must apprise themselves of the applicable guidelines for submission of and uploading of bids etc. on CPP website.</p>

HINDUSTAN URVARAK & RASAYAN LIMITED
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

BARAUNI UNIT

Barauni Urvarak Nagar, Begusarai

P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115

[Registered Office SCOPE Minar, Core 4, 9TH Floor, Laxmi Nagar District Center, Delhi-110092]



SECTION – III

GENERAL CONDITIONS OF CONTRACTS
(GCC)



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

The Special Conditions of Contracts (SCC) will supersede any related condition anywhere in the Bidding Documents and will prevail for evaluation / finalization of the tender.		
1	Definitions & Terminology	Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:
		“Employer” / “Owner” means the Hindustan Urvarak & Rasayan Limited (HURL), having its registered office Core-4, 9th Floor, Scope Minar, Laxmi Nagar District Centre, Delhi-110092 and its Project office at Barauni , Urvarak Nagar, Begusarai, Bihar – 851115 shall include their legal representatives, successors and permitted assigns.
		“Contract” means the Contract Agreement entered into between the Owner and the Contractor, together with the Contract Documents referred to therein; they shall constitute the Contract, and the term “the Contract” shall in all such documents be construed accordingly.
		“Contract Documents” mean the following documents that constitute the Contract between the Employer and the Contractor: (i) The Contract Agreement along with its appendices (ii) Letter of Award/Service Purchase Order along with its appendices including agreed variations annexed. (iii) Amendment to Tender/Bidding Documents (iv) Special Conditions of Contract (v) Technical Specifications (vi) General Conditions of Contract (vii) The Bid and Bill of Quantities submitted by the Contractor (viii) Instructions to Bidders
		“GCC” means the General Conditions of Contract hereof. “SCC” means the Special Conditions of Contract. “Day” means calendar day of the Gregorian Calendar. “Week” means a continuous period of seven (7) calendar days. “Month” means calendar month of the Gregorian Calendar.
		“Completion” means the fulfilment of the Services by the Contractor in accordance with the terms and conditions set forth in the Contract.
		“Contractor” shall mean the successful Sole Bidder or Consortium whose bid has been accepted by the OWNER and who has been selected by the OWNER for the award of Works and shall include his heirs, legal



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

	representatives, successors and permitted assigns.
	“Contract Price” means the price to be paid for the performance of the Services, exclusive of GST.
	Effective Date means the date on which this Contract comes into force pursuant to GCC Clause 15.
	Foreign Currency means any currency other than the currency of the Owner’s country.
	“Local Currency” means the currency of the Government of India.
	“Government” means the Government of the Owner’s country i.e. INDIA.
	Party means the Owner or the Contractor, as the case may be, and “Parties” means both of them. Third party means any party other than Owner and Contractor.
	Personnel means professionals and support staff provided by the Contractor or by any Sub-Contractor and assigned to perform the Services or any part thereof;
	“Funds” means any funds allocated to the Owner under Company budget, or loan, grants and credits placed at the disposal of the Owner.
	Services means the work to be performed by the Contractor pursuant to this Contract
	Sub-Contractor means any person or entity to whom/which part of the Services is sub-consulted.
	“Engineer” or “Engineer-in-Charge” or “E.I.C.” shall mean the officer appointed in writing by the Owner to act as “Coordinator” from time to time on behalf of Owner in all matters pertaining to this Contract. “Engineer-in-Charge” shall be authorized by the Client for supervision, inspection, scrutiny and approval of some or all of the services rendered by the Contractor under the Contract.
	“Bill Of Quantity” shall mean the priced and completed Bill of Quantity (BOQ) forming the part of the bid or such Bill of Quantity (BOQ) forming the part of the Contract, as the case may be, with amendments, if any, thereto.
	Throughout these Bidding Documents, the term “Bid” and “Tender” and their derivatives (Bidder/ Tenderer, Bidding / Tendering, Bidding Document/Tender Document, etc.); Bill of Quantity / Schedule of



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		Quantity / Schedule of Quantities/ Bill of Quantities; Owner / Employer / HURL; Bid Security / Earnest Money Deposit; Security Deposit / Performance Security/ Performance Guarantee; Engineer-in-Charge / Engineer, appearing anywhere in the Bidding Documents shall have the same meaning and are synonymous to each other.
2	Order of the precedence of the Documents	<p>Subject to order of precedence listed below, all documents forming part of the Contract (and all parts thereof) are intended to be correlative, complementary and mutually explanatory. The Contract shall be read as a whole.</p> <p>The order of precedence of documents shall be as under:</p> <ol style="list-style-type: none"> Contract Agreement and the Appendices Purchase Order/Service Order along with its annexures. Amendment to Bidding Documents Special Conditions of Contract Technical Specifications including Scope of Work General Purchase Conditions The Bid and BOQ submitted by the Supplier Instructions to bidders <p>An amendment issued after issue of Contract shall take precedent over the formal Contract and all other contract documents.</p> <p>In the event of any ambiguity or conflict between the Contract Documents listed above, the order of precedence shall be the order in which the Documents are listed above.</p> <p>Any error in description, quantity or rate in Bill of Quantity (BOQ) or any omission therefrom shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the Works comprised therein according to drawings and specifications or from any of his obligations under the Contract.</p>
3	Singular and Plural	The singular shall include the plural and the plural the singular, except where the context otherwise requires.
4	Headings	<p>The headings and marginal notes in the General Conditions of Contract are included for ease of reference, and shall neither constitute a part of the Contract nor affect its interpretation.</p> <p>Heading and marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the Contract.</p>
5	Communications	Communications between Parties (notice, request or consent required or



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

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



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		herein otherwise provided. All notices, instructions, information and other communications given by the Contractor to the Owner under the Contract shall be given to the Engineer-in-Charge, except as herein otherwise provided.
10	Contractor's Authorised Representative	<p>Contractor's Representative</p> <p>If the Contractor's Representative is not named in the Contract, then within fourteen (14) days of the Effective Date, the Contractor shall appoint the Contractor's Representative and shall request the Owner in writing to approve the person so appointed. If the Owner makes no objection to the appointment within fourteen (14) days, the Contractor's Representative shall be deemed to have been approved. If the Owner objects to the appointment within fourteen (14) days giving the reason therefore, then the Contractor shall appoint a replacement within fourteen (14) days of such objection, and the foregoing provisions of this GCC Clause shall apply thereto.</p> <p>The Contractor's Representative shall represent and act for the Contractor at all times during the currency of the Contract and shall give to the Engineer-in-Charge all the Contractor's notices, instructions, information and all other communications under the Contract.</p> <p>All notices, instructions, information and all other communications given by the Owner or the Engineer-in-Charge to the Contractor under the Contract shall be given to the Contractor's Representative or, in its absence, its deputy, except as herein otherwise provided.</p> <p>The Contractor shall not revoke the appointment of the Contractor's Representative without the Owner's prior written consent, which shall not be unreasonably withheld. If the Owner consents thereto, the Contractor shall appoint some other person as the Contractor's Representative, pursuant to the procedure set out in above GCC Clause.</p> <p>The Contractor's Representative may, subject to the approval of the Owner (which shall not be unreasonably withheld), at any time delegate to any person any of the powers, functions and authorities vested in him or her. Any such delegation may be revoked at any time. Any such delegation or revocation shall be subject to a prior notice signed by the Contractor's Representative, and shall specify the powers, functions and authorities thereby delegated or revoked. No such delegation or revocation shall take effect unless and until a copy thereof has been delivered to the Owner and the Engineer-in-Charge.</p> <p>Any act or exercise by any person of powers, functions and authorities so delegated to him or her in accordance with the above GCC Clause shall be deemed to be an act or exercise by the Contractor's Representative.</p>
11	Relation between	Nothing contained herein shall be construed as establishing a relation of master and servant or of principal and agent as between the Owner



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

	the Parties	and the Contractor. The Contractor, subject to this Contract, has complete charge of Personnel and Sub-Contractors, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.
12	Location	The Services shall be performed at such locations as are specified in the Contract and, where the location of a Special task is not so specified, at such locations as the Owner may approve.
13	Taxes & Duties	<p>Contractor, shall bear all tax liabilities, duties, Govt. levies etc. on account of payments made under this Contract. It shall be the responsibility of the Contractor to submit to the concerned Indian authorities the returns and all other concerned documents required for this purpose and to comply in all respects with the requirements of the laws in this regard, in time.</p> <p>It shall be incumbent upon the Contractor to obtain a registration certificate as a dealer under GST Law, and other law(s) relating to levy of tax, duty, cess etc. and necessary evidence to this effect shall be furnished by the Contractor to the Owner.</p> <p>The Contract Price (of both domestic and foreign Contractor) shall also be exclusive of GST applicable on services as per the rates prevailing as on seven (7) days prior to the date of Techno-Commercial bid opening. In case the Contractor is from outside India, who does not have any fixed establishment or permanent address in India, the GST shall be paid to the concerned Tax Authorities in India by the Owner and the same shall be recovered/ deducted from the Contractor.</p> <p>In case of any variation in the rate of GST during the period of Contract, an equitable amount shall be paid/ recovered from the Contractor to fully take into account any such change.</p> <p>If a new tax, duty or levy is imposed or any rates of tax are increased or decreased under statute or law in India after the date seven (7) days prior to date of Techno-Commercial bid opening and the Contractor becomes liable there under to pay and actually pays the said new tax, duty or levy for bonafide use on the work contracted, the same shall be reimbursed/recovered to the Contractor.</p> <p>As regards Income Tax, Surcharge on Income Tax and other Corporate Taxes, including Cess wherever applicable, the Contractor shall be responsible for such payments to the concerned authorities.</p> <p>The Owner shall be entitled to make necessary tax deductions at source as per the prevalent laws. The Contractor shall be required to submit the PAN details before the submission of the first bill/invoice under the Contract.</p> <p>In case the Contractor is from outside India, it shall be required to either furnish (i) the certificate from Indian Tax Authority or (ii) Ruling from</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>"the Authority for Advance Ruling (AAR)" determining the applicable rate of Income Tax in India before release of first payment.</p> <p>The Contractor shall himself be informed of all the applicable laws, notifications, rules, circulars and other communications of the State or Central or other authorities with regard to levy of any tax, duty, cess, levy or fee etc, which in any manner may impinge upon him in performance of any obligations/responsibilities under or arising out of the Contract.</p> <p>Further in case of foreign Contractor, certain benefits of Income Tax may be available to him in his country under Double Taxation Avoidance Agreement (DTAA). While quoting for the assignment, the foreign Contractors are required to consider such benefits in their proposal.</p>
14	Effectiveness of Contract	The Contract shall come into force and effect on the date, called the "Effective Date", of the Owner's notice to the Contractor instructing the Contractor to commence carrying out the Services. This notice shall confirm that the effectiveness conditions, if any, as specified in the SCC have been met or as mentioned elsewhere in the tender document.
15	Effective Date	The date the Contract comes into effect shall be as specified in the SCC.
16	Commencement of Services	The Contractor shall commence carrying out the Services not later than the number of days after the Effective Date as specified in the SCC.
17	Modifications or Changes or Amendment	No Modifications or changes or amendment or other variation of the Contract (Purchase Order / Service Purchase) shall be effective unless it is in writing, is dated, expressly refers to the Purchase Order / Service Order, and is signed by a duly authorized representative of Employer and accepted by the Contractor.
18	Contract Price	The Contract price, other than GST, shall remain FIRM throughout the contract period and will be NOT be subject to adjustment for price escalation during the performance of the Contract until unless specified otherwise in the SCC.
19	Severability	If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
20	Standard of Performance	The Contractor shall perform the Services and carry out its obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Contractor shall always act, in respect of any matter



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		relating to this Contract or to the Services, as faithful advisers to the Owner, and shall at all times support and safeguard the Owner's legitimate interests in any dealings with Sub Contractors or Third Parties.
21	Conflict of Interests	The Contractor shall hold the Owner's interest's paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.
22	Confidentiality	The Owner and the Contractor shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following termination of the Contract. Notwithstanding the above, the Contractor may furnish to its Subcontractor(s) such documents, data and other information it receives from the Owner to the extent required for the Subcontractor(s) to perform its work under the Contract, in which event the Contractor shall obtain from such Subcontractor(s) an undertaking of confidentiality similar to that imposed on the Contractor under this clause of GCC.
23	Limitation of Liability	<p>HURL shall in no way be responsible for any liabilities arising out of the Contractor's Contractual obligations with the Contractor's personnel, experts, engineers, sub-Contractors, licensors, collaborators, vendors, or subsidiaries. Similarly, the Contractor shall in no way be responsible for any liabilities arising out of HURL's personnel, sub-Contractors, licensors, collaborators, vendors or subsidiaries.</p> <p>The Contractor and HURL both agree that each shall assume full risk of damages or injury to its own properties, employees and representatives caused by any act or omission to act by their respective employees or representatives, during the performance of this Contract.</p> <p>Except in cases of criminal negligence or willful misconduct,</p> <p>(a) Neither Party shall be liable to the other Party, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, which may be suffered by the other Party in connection with the Contract, provided that this exclusion shall not apply to any obligation of the Contractor to pay liquidated damages to the Employer and</p> <p>(b) The aggregate liability of the either party to the other party, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any obligation of the Contractor to indemnify the Employer with respect to patent infringement.</p> <p>Notwithstanding anything contained hereinabove, the aggregate</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		liability of the Employer to the Contractor shall not exceed the Total Contract Price, less payments already released to the Contractor, if any.
24	Liability of the Contractor	<p>The Contractor, shall be, liable to and required to indemnify, the Owner as stated under for due performance of the Contract.</p> <p>The Contractor shall indemnify the Owner from and against any and all claims, liabilities, obligations, losses, damages, penalties, actions, judgment, suits, proceedings, demands, costs, expenses and disbursements of whatsoever nature that may be imposed on, incurred by or asserted against the Owner during or in connection with the Services by reason of:</p> <p>(a) infringement or alleged infringement by the Contractor of any patent or other protected right; or</p> <p>(b) plagiarism or alleged plagiarism by the Contractor.</p> <p>The Contractor shall ensure that all goods and services (including without limitation all computer hardware, software and systems) procured by the Contractor out of funds provided or reimbursed by the Owner or used by the Contractor in the carrying out of the Services do not violate or infringe any industrial property or intellectual property right or claim of any third party.</p>
25	Insurance to be taken out by the Contractor	<p>The Contractor</p> <p>(a) shall take out and maintain, and shall cause any Sub-Contractors to take out and maintain, at their (or the Sub-Contractors', as the case may be) own cost, but on terms and conditions approved by the Owner, during the performance of the Contract, the insurance against the risks, and for the coverage as specified in the SCC; and</p> <p>(b) at the Owner's request, shall provide evidence to the Owner showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid.</p>
26	Contractor's Actions Requiring Owner's Prior Approval	<p>The Contractor shall obtain the Owner's prior approval in writing before taking any of the following actions:</p> <p>(a) any subcontract relating to the Services to an extent and, with such specialists and entities as may be approved as</p> <p>(b) any other action that may be specified in the SCC.</p> <p>Notwithstanding any approval as above, the Contractor shall remain fully liable for the performance of Services by the Sub-Contractor and its Personnel and retain full responsibility for the Services.</p>
27	Assistance and Exemptions	<p>The Owner shall use its best efforts to ensure the following:</p> <p>(a) To ensure the accuracy of all information and/or data to be supplied by the Owner to the Contractor necessary for performance of the</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>Contract, except when otherwise expressly stated in the Contract.</p> <p>(b) issue to officials, agents and representatives of the Owner all such instructions as may be necessary or appropriate for the prompt and effective implementation of the Services;</p> <p>(c) provide to the Contractor, Sub-Contractors and Personnel any such other assistance as may be specified in the SCC.</p>
28	Payment Terms	<p>General</p> <p>In consideration of the Services performed by the Contractor under this Contract, the Owner shall make to the Contractor such payments and in such manner as stated below:</p> <p>Payments will be made in the currency or currencies in which the Contract Price has been stated in the Contractor's bid i.e., INR.</p> <p>No payment made by the Owner herein shall be deemed to constitute acceptance of the Services nor relieve the Contractor of any obligations.</p> <p>Modes of Billing and Payment</p> <p>All the invoices of payment shall be supported by necessary Documents and submitted in quadruplicate for the certification of Engineer-in-Charge for which he will require a maximum time of fifteen (15) days before the same are submitted for processing the payment of amount admitted.</p> <p>The Owner shall pay to the Contractor all the admissible payments within thirty (30) days of certification of the Engineer-in-Charge of the amount payable for the services.</p> <p>Contractor shall furnish the details of Bank Account in the prescribed format along with Bid in order to facilitate the Owner to release Payments electronically through Electronic Fund Transfer system wherever technically feasible. The Contractor shall hold the Owner harmless & Owner shall not be liable for any direct, indirect or consequential loss or damage sustained by the Contractor on account of any error in the information or change in Bank details provided to the Owner in the prescribed form without intimation to Owner duly acknowledged.</p>
29	Early Warning	<p>If at any time during performance of the Contract, the Contractor or its Sub-Contractors should encounter events, circumstances conditions that may adversely affect the quality of the work, increase the cost of Services or delay the execution of the Services, the Contractor shall promptly notify the Owner in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Contractor's notice, the Owner shall evaluate the situation, and the Contractor shall cooperate with the Owner in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced.</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

30	Extension of the Intended Completion Date	In the event the Contractor is unable to complete the assignment by the Intended Completion Date it may request the Owner to extend the Intended Completion Date giving reasons. The Owner may extend the Intended Completion Date if the reasons given by the Contractor, including prior review where necessary, are found acceptable. The Owner shall, however, decide by how much to extend the Intended Completion Date.
31	Good Faith	The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.
32	Liquidated Damage (LD) for Delay	<p>If the Contractor fails to complete the Work on or before the scheduled or extended date of completion, he shall, without prejudice to any other right or remedy of the Employer, arising out of the Contract on account of such delay, be liable for payment of liquidated damages @ ½ percent per week, not as penalty, on the Contract Value of the Work for every week that the progress remains below the required progress or that the Work remains incomplete subject to a maximum of 5% of the Contract Value.</p> <p>In case of amendment in the contract value, the limiting value of the Liquidated damages shall be 5% of the amended Contract Value.</p> <p>The amount of Compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Owner.</p>
33	Change in laws and regulations	If, after the date seven (7) days prior to the last date of Bid submission, any law, regulation, ordinance, order or by-law having the force of law is enacted, promulgated, abrogated or changed (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the costs and expenses of the Contractor and/or the Time for Completion, the Contract Price shall be correspondingly increased or decreased, and/or the Time for Completion shall be reasonably adjusted to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. However, these adjustments would be restricted to items in respect of both direct transactions between the Employer and Supplier.
34	Performance Security	<p>Within thirty (30) days of the receipt of Purchase Order/Service Order from the Employer, the contractor shall furnish the Contract Performance Guarantee (CPG), if applicable, for the due performance of the Contract for three percent (03%) of the Contract Price with an initial validity up to ninety (90) days beyond the completion date for work plus defect liability period (if any), for due performance of the Contract(s)/Order(s) in any form acceptable to the Employer as mentioned below.</p> <p>CPG may be submitted in any of the following forms:</p> <p>a) crossed Demand Draft / Bankers cheque drawn in favour of HURL</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

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



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

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

BIDDER SIGN AND STAMP



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>Force Majeure event in mutual consent with Owner.</p> <p>FORCE MAJEURE shall not apply to any obligation of the OWNER to make payments to the CONTRACTOR under the contract.</p>
36	No Breach of Contract	<p>The failure of a Party to fulfil any of its obligations hereunder shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract.</p>
37	Measures to be Taken on Force Majeure	<p>A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.</p> <p>A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.</p> <p>Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.</p> <p>During the period of their inability to perform the Services as a result of an event of Force Majeure, the Contractor, upon instructions by the Owner, shall either:</p> <p>(a) demobilize, in which case the Contractor shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Owner, in reactivating the Services; or</p> <p>(b) continue with the Services to the extent possible, in which case the Contractor shall continue to be paid under the terms of this Contract and be reimbursed for additional costs reasonably and necessarily incurred.</p>
38	Suspension	<p>The Contractor shall, on receipt of the order in writing of the Engineer-in-Charge, suspend the progress of the Works or any part thereof for such time and in such manner as the Engineer-in-Charge may consider necessary for any of the following reasons:</p> <p>(i) On account of any default on part of the Contractor;</p> <p align="center">or</p> <p>(ii) for proper execution of the Works or part thereof for</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>reasons other than the default on the part of the Contractor;</p> <p>or</p> <p>(iii) for safety of the Works or part thereof, for reasons other than those attributable to the Contractor.</p> <p>The Contractor shall, during such suspension, properly protect and secure the Works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-Charge.</p> <p>The time for completion of the WORKS will be extended for a period equal to the duration of the suspension. The Contractor shall not be eligible for any other compensation whatsoever for such suspension, except as otherwise provided herein under.</p> <p>If such suspension of WORK by OWNER delays or is likely to delay the progress of WORK or the carrying out of WORK under CONTRACT resulting in additional expenses or increased liability to CONTRACTOR, the OWNER shall pay to the CONTRACTOR all reasonable expenses, mutually agreed between OWNER and CONTRACTOR, arising from suspension of the work by an order in writing of the OWNER provided that such suspensions of work is more than a cumulative period of ninety (90) days and provided that such suspension is not due to some fault on the part of the CONTRACTOR or a SUBCONTRACTOR.</p>
39	Termination for Default	<p>The Owner or the Contractor, without prejudice to any other remedy for breach of Contract, by notice of default sent to the other party, may terminate the Contract in whole or in part if the other party causes a fundamental breach of contract. In such an occurrence one party shall give not less than thirty (30) days' written notice of termination to the other party.</p> <p>Fundamental breaches of the Contract shall include but shall not be limited to, the following:</p> <p>(a) If the Contractor fails to remedy a failure in the performance of their obligations hereunder, within thirty (30) days of receipt of such notice of suspension or within such further period as the Owner may have subsequently approved in writing;</p> <p>(b) If the Contractor submits to the Owner a statement which has a material effect on the rights, obligations or interests of the Owner and which the Contractor knows to be false;</p> <p>(c) if the Contractor, in the judgement of the Owner has engaged in corrupt or fraudulent practices in competing for or in executing the</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>Contract.</p> <p>For the purpose of this Sub-Clause:</p> <p>"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.</p> <p>"Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Owner and includes collusive practice among Contractors (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Owner of the benefits of free and open competition.</p>
40	Termination for Insolvency	<p>The Owner and the Contractor may at any time terminate the Contract by giving notice to the other party if:</p> <p>(a) the Owner becomes bankrupt or otherwise insolvent;</p> <p>(b) the Contractor becomes (or, if the Contractor consist of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary; or</p> <p>(c) in such event, termination will be without compensation to any party, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the other party.</p>
41	Termination for Convenience	<p>The Owner, by notice sent to the Contractor, may in its sole discretion and for any reason whatsoever, terminates the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Owner's convenience, the extent to which performance of the Contractor under the Contract is terminated, and the date upon which such termination becomes effective.</p> <p>In event of termination of Order/Contract, the Employer shall pay to the Supplier/Contractor the Contract Price, properly attributable to the works/supplies executed by the Supplier/Contractor as on the date of termination. However, any sums due to the Employer from the Contractor accruing prior to the date of termination shall be deducted from the amount to be paid to the Supplier under this Order/Contract.</p>
42	Termination because of Force Majeure	<p>The Owner and the Contractor may at any time terminate the Contract by giving notice to the other party if, as the result of Force Majeure, the Contractor is unable to perform a material portion of the Services for a period of not less than sixty (60) days.</p>
43	Cessation of	<p>Upon termination of the Contract by notice of either Party to the other</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

	Services	pursuant to GCC Clauses 39 to 42, the Contractor shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum.
44	Payment upon Termination	Upon termination of this Contract pursuant to GCC Clauses to 39 to 42, the Owner shall make the payments to the Contractor for Services satisfactorily performed prior to the effective date of termination.
45	Disputes about Events of Termination	<p>If either Party disputes whether an event specified in GCC Clause 39, 40 or 41 has occurred, such Party may, within forty-five (45) days after receipt of notice of termination from the other Party, refer the matter to arbitration pursuant to GCC Clause 46, and this Contract shall not be terminated on account of such event except in accordance with the terms of any resulting arbitral award.</p> <p>In the case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to GCC Clause 46.</p>
46	Settlement of Disputes	<p>of Adjudicator</p> <p>Managing Director (MD) of HURL shall be the Appointing Authority for Adjudicator. Adjudicator under the Contract shall be retired judge of Supreme Court/High Court of India.</p> <p>If any dispute of any kind whatsoever shall arise between the Owner and the Contractor in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the services—whether during the progress of the work or after their completion and whether before or after the termination, abandonment or breach of the Contract—the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference by mutual consultation, then the dispute shall be referred in writing by either party to the Adjudicator, with a copy to the other party.</p> <p>The Adjudicator shall give its decision in writing to both parties within twenty-eight (28) days of a dispute being referred to it. If the Adjudicator has done so, and no notice of intention to commence arbitration has been given by either the Owner or the Contractor within fifty-six (56) days of such reference, the decision shall become final and binding upon the Owner and the Contractor. Any decision that has become final and binding shall be implemented by the parties forthwith.</p> <p>Should the Adjudicator resign or die, or should the Owner and the Contractor agree that the Adjudicator is not fulfilling its functions in accordance with the provisions of the Contract, another Adjudicator</p>

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/GCC/Sec-III

Page 18 of 21



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

	<p>shall be jointly appointed by the Owner and the Contractor. Failing agreement between the two within twenty-eight (28) days, the new Adjudicator shall be appointed at the request of either party by the Appointing Authority. Expenses incurred in the process of adjudication including the fees required to be paid to the adjudicator, if any, shall be shared equally between the Owner and the Contractor.</p> <p>Arbitration</p> <p>If either the Owner or the Contractor is dissatisfied with the Adjudicator's decision, or if the Adjudicator fails to give a decision within twenty-eight (28) days of a dispute being referred to it, then either the Owner or the Contractor may, within fifty-six (56) days of such reference, give notice to the other party, with a copy for information to the Adjudicator, of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.</p> <p>Any dispute in respect of which a notice of intention to commence arbitration has been given, in accordance with above clause, shall be finally settled by arbitration. Arbitration may be commenced prior to or after completion of the Services.</p> <p>Any dispute submitted by a party to arbitration shall be heard by an arbitration panel composed of three arbitrators, in accordance with the provisions set forth below.</p> <p>The Owner and the Contractor shall each appoint one arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the two arbitrators do not succeed in appointing a third arbitrator within twenty-eight (28) days after the latter of the two arbitrators has been appointed, the third arbitrator shall, at the request of either party, be appointed by the Appointing Authority as given below:</p> <ol style="list-style-type: none"> President, Institution of Engineers in case of an Indian Contractor. President, International Chambers of Commerce, Paris in case of a Foreign Contractor. <p>If one party fails to appoint its arbitrator within forty-two (42) days after the other party has named its arbitrator, the party which has named an arbitrator may request the Appointing Authority to appoint the second arbitrator.</p> <p>If for any reason an arbitrator is unable to perform its function, the mandate of the Arbitrator shall terminate in accordance with the provisions of applicable laws as mentioned under the Clause related to Governing Law and a substitute shall be appointed in the same manner as the original arbitrator.</p> <p>Arbitration proceedings shall be conducted</p> <ol style="list-style-type: none"> in accordance with the following rules of procedure: -
--	--



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		<p>a) In case of a foreign Contractor, the arbitration proceeding shall be conducted in accordance with the United Nations Commission on International Trade Law (UNCITRAL) Arbitration Rules of 1976.</p> <p>b) In case of an Indian Contractor, adjudication/Arbitration proceedings shall be conducted in accordance with Indian Arbitration and Conciliation Act 1996. In case the Indian Contractor is an Indian Public Sector Enterprise/Government Department (but not a State Govt. Undertaking or Joint Sector Undertaking which is not a subsidiary of Central Govt. Undertaking), the dispute arising between the Owner and the Contractor shall be referred for resolution to a Permanent Arbitration Machinery (PAM) of the Department of Public Enterprises, Government of India.</p> <p>c) In case of a foreign collaborator/associate of the Contractor, the arbitration proceedings shall be conducted in accordance with the United Nation Commission on International Trade Law (UNCITRAL) Arbitration Rules of 1976.</p> <p>(ii) in New Delhi, India (Place for Arbitration)</p> <p>(iii) in the language in which this Contract has been executed.</p> <p>The decision of a majority of the arbitrators (or of the third arbitrator chairing the arbitration, if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction as decree of the court. The parties thereby waive any objections to or claims of immunity from such enforcement.</p>
47	Fraud Prevention Policy	<p>The Supplier along with their associate / collaborator / subcontractors / sub-vendors / consultants / service providers shall strictly adhere to the Fraud Prevention policy of the Employer displayed on its tender website http://www.hurl.net.in.</p> <p>The Supplier along with their associate / collaborator / subcontractors / sub-vendors / consultants / service providers shall observe the highest standard of ethics and shall not indulge or allow anybody else working in their organization to indulge in fraudulent activities during execution of the Contract (Purchase Order/Service Order).</p> <p>The Supplier shall immediately apprise the Employer about any fraud or suspected fraud as soon as it comes to their notice.</p>
48	Risk purchase	<p>In the event Contractor fails to execute the services in scheduled completion period, HURL reserves the right to get the job executed from any other source at the Contractors risk and cost and the difference in cost shall be borne by the Contractor.</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

		Further, HURL shall retain the right of forfeiture of Performance Security and or any other action as deemed fit.
--	--	---

IMPORTANT NOTE	The Special Conditions of Contract will supersede any other related conditions anywhere in the tender documents and will prevail for evaluation / finalization of the tender.
---------------------------	--

BIDDER SIGN AND STAMP

HINDUSTAN URVARAK & RASAYAN LIMITED
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

BARAUNI UNIT

Barauni Urvarak Nagar, Begusarai
P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115
[Registered Office SCOPE Minar, Core 4, 9TH Floor, Laxmi Nagar District Center, Delhi-110092]



SECTION – IV

SPECIAL CONDITIONS OF CONTRACTS
(SCC)

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Wherever there is a conflict, the provisions herein shall prevail over those in the GCC. The corresponding clause number of the GCC is indicated.

SCC Clause	Reference Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract or additional clauses
1	Qualifying Requirements / Pre-Qualification Criteria (PQC)	As per clause 6.0 of Section 1 i.e., NIT (Notice Inviting Tender).
2	Price Bid/ BOQ	<p>Schedule of price bid / BOQ in the form of BOQ_XXXX.xls is provided along with this tender document at https://eprocure.gov.in/eprocure/app.</p> <p>Bidders are advised to upload the same in the commercial bid. Bidder shall not tamper/modify download 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.</p> <p>The quoted rate/amount shall be inclusive of taxes duties, levies including any other incidental charges applicable for the complete Scope of Work excluding GST.</p> <p>The GST shall be paid extra as per the provisions of Clause 6 (i.e., Taxes and Duties) of SCC.</p> <p>Note: Quantity mentioned in the SOR are non-splitable under the tender.</p>
3	<u>Bid Evaluation</u>	<p><u>Pre-Qualification Evaluation</u></p> <p>HURL, by the examination of Techno-Commercial Bid, will determine to its satisfaction whether the participating bidders are qualified to satisfactorily perform the contract in terms of Pre- Qualification Criteria stipulated in clause 1 of SCC.</p> <p>An affirmative determination of meeting the Pre- Qualification Criteria will be a prerequisite for further evaluation of Techno-Commercial bid. A negative</p>

		<p>determination will result in rejection of the Bidder's Techno-Commercial Bid in which event HURL will not open the Price Bid of the concerned bidder and his EMD shall be returned.</p> <p><u>Technical Bid Evaluation</u></p> <p>Bids shall be scrutinized on Techno-Commercial parameters based on the documents as mentioned in Annexures to ITB. Bidders are required to submit fully compliant bid. The bidders are required to furnish no deviation certificate in conformity to same. The bidder who has not submitted / furnished such certificate, their price bid shall not be opened. The PRICE BID shall be opened only of those bidders whose bid would have been considered techno-commercially accepted. Conditional bid will not be accepted.</p> <p><u>Price Bid Evaluation</u></p> <p>Price bid(s) of the bidder(s) shall be evaluated on the basis of Percentage rate with sum- total of all BOQs (as per BOQ) of bidder's quote for all the items as quoted by bidder in SOR excluding GST amount.</p> <p>The lowest evaluated price of the technically qualified bidder shall be considered for initiating of Reverse Auction (RA) Process and the Lowest Received Price of the bidder after the completion of Reverse auction shall be considered for award.</p> <p>Reverse Auction (RA) Process shall be conducted on the total quantity of BOQ.</p> <p>The financial comparison for selection of Lowest (L-1) Bidder after reverse auction shall be done based on the total derived price of all the items mentioned in BOQ/SOR. The aggregate amount will be worked out as total derived price of all items of BOQ, shall be considered for evaluation and award.</p> <p>The successful bidder needs to submit the revised BoQ in line with price quoted by him in reverse auction. The ratio of percentage decrease in cost of each component shall be same as the overall percentage reduction in the bid value originally quoted by successful bidder and final L1 value quoted by successful bidder after reverse auction.</p> <p>The detailed Break-up of offered cost, provided by the successful bidder shall be considered and order, if placed, shall be with the same break-up of prices. The successful bidder after reverse auction will be responsible to ensure that the rate as per the breakup of prices provided by him after the reverse auction and total value offered by him in the reverse auction are in same proportion. The successful bidder will not be allowed to increase the rate of any component while submitting the breakup. While giving the break up, the successful bidder will have to consider same rate of taxes as quoted while submitting the commercial bid. In case the successful bidder(s) fail(s) to submit the final BoQ within 3 days or the break up given by bidder does not match with total offered price, the HURL will be at liberty to place order by proportionately reducing the component rates on basis of the breakup of the e-auction bid submitted by the successful bidder along with the initial offer and the same will be binding on the</p>
--	--	--

		<p>successful bidder.</p> <p>However, if Reverse Auction does not lead to any bid, HURL shall reserve the right to award the job based on the lowest prices quoted in online commercial bid.</p> <p>The management reserves the right to accept/ reject any or all tenders at the time prior to award of contract without assigning any reasons whatsoever.</p>
4	Award Criteria	<p>HURL reserves the right to negotiate price with L1 bidder.</p> <p>HURL 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.</p> <p>Note: Quantity mentioned in the SOR are non-splitable under the tender.</p>
5	Contract Price	<p>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 tax & duty and/or inclusion of any new tax & duty. Bid with variable price will not be accepted.</p>
6	Taxes and Duties	<p>The Bidder shall include all the taxes, duties/ levies etc (except GST) in their quoted rates / prices. GST charges shall be paid extra at actual by the owner limited to the GST charges indicated by the bidder in the summary of SOR.</p> <p>Statutory variation in taxes and duties including imposition of any new tax & duty, within the scheduled Completion period, as per Contract/Work order, shall be paid by contractor.</p> <p>The Contractor has to submit / furnish all necessary documents / information to enable claim the input credit benefit, if any, under GST rules.</p> <p>The contractor shall indemnify the Company against levy of any taxes/charges etc., imposed by the Govt. or any authority which are in existence at the time of submission of tender and also future statutory levies and the Contractor failed to deposit the same. The Company shall have the right to recover the total amount of tax so assessed including litigation expenses from contractor's bills / security deposit.</p> <p>GST payment applicable at the time of awarding the contract shall be subject to any change in GST law in future.</p>
7	Payment Terms & Documents required for Payment	<p>7.1 All the payment shall be released on monthly basis for actual operated quantity within 30 days of submission of invoice by the party on certification by EIC.</p> <p>7.2 Bidder must deposit PBG 3% of the contract value in advance. Security deposit/PBG will be refunded after completion of the contract.</p> <p>7.3 Tax deduction at source Income tax, as applicable as per income tax act, shall be deducted at source from the Contractor's bills and a certificate towards this deduction shall be issued to the Contractor.</p>

		<p>7.4 Price Basis: Shall be firm till the completion of the contract for ARC.</p> <p>7.5-For manpower contract any increasing or decreasing in statutory minimum wage as notified by the Government with respect to minimum wage shall be reimbursed to or deducted from the contractors bills from date of said increase or decrease effected by the Govt. in respect of each worker engaged by the contractor during pendency of the contractor. Also, consequential effect of increase/decrease, minimum wages toward PF (Limited to Employer's contribution only), bonus, ESI shall also be reimbursed to the contractor or deducted from the contractor's bill as case may be- subject to the production of the relevant proof. Mode of reimbursement of such differential wage will be as follows:</p> <p>“All difference in wage shall be reimbursed on actual labour deployment basis after completion of 12 months of contract period or final bill whichever is earlier on the written request of the contract with requisite statement and proof of documents for claim”</p> <p>However, the owner shall not reimburse any increase in amount thereof towards income tax and sale/trade at, any other applicable taxes etc. these liabilities are to be borne by the contractor only.</p> <p>7.6 There shall be no service charges / profit component payable to the contractor on account of differential amount reimbursed to the contractor towards increase in the minimum wages.</p>
8	Defect Liability Period	As per Section V i.e., SOR, Scope of Work, Technical Specifications and Other Terms and Conditions.
9	Governing Laws GCC CLAUSE 6	As per GCC.
10	Effective Date GCC CLAUSE 14 & 15	Handing Over of the site or as per Section V i.e., Scope of Work, Technical Specifications and Other Terms and Conditions.
11	Commencement of Services GCC CLAUSE 16	As per instruction of EIC or as per Section V i.e., SOR, Scope of Work, Technical Specifications and Other Terms and Conditions.
12	Insurance to be taken out by the Contractor GCC	<p>The Contractor will obtain Insurance Coverage in respect of all your work men towards death or bodily injury or occupational disease sustained by the workmen arising out of and in course of employment under the workmen compensation act 1923.</p> <p>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 this cost.</p>

	CLAUSE 25	<p>All contractors' equipment shall be at the sole risk of the contractor.</p> <p>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.</p> <p>The contractor shall be responsible for insurance and all other statutory requirements in regard to the personnel in the contractor's employment.</p> <p>Any other insurance required during the execution of work.</p>
13	Contractor's Actions Requiring Owner's Prior Approval GCC CLAUSE 26	<i>As per GCC</i>
14	Contract Period	As per Section V i.e., SOR, Scope of Work, Technical Specifications and Other Terms and Conditions.
15	Signing of Contract Agreement	<p>The successful tenderer / bidder shall be required to execute a contract agreement on non-judicial stamp paper of Rs.1000 in the prescribed proforma (enclosed as Annexure-11 to Section VI i.e., Forms and Procedures) with the Company within 30 (thirty) days of the issue of the work order of the same for carrying out the work according to the general and special conditions of contract specified in the Tender Document.</p> <p>Cost of non-judicial stamp paper shall be borne by successful bidder. The contract shall be presumed to be effective from the effective date contract. The Tender Document, Letter of Acceptance and other correspondence between the Company and the tenderers shall form part of the contract.</p> <p>Failure of the successful tenderer / bidder to execute the above-mentioned Contract Agreement shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.</p>
16	NOTICE OF DEFAULT	<p>In the event of any default by either party hereto, in respect of any of its obligations and responsibilities under the Contract, the party not in default shall give notice in writing to the other party calling upon it to rectify such default. Should the party in default does not rectify such default within a period of thirty (30) days of the receipt thereof within the said period, the other party shall be entitled to treat it as a breach of Contract and notice to that effect shall be given forth with.</p>

17		<p>If a tenderer resorts to any frivolous, malicious or baseless complaints/allegations with an intent to hamper or delay the tendering process or resorts to canvassing / rigging/influencing the tendering process, HURL reserves the right to debar such tenderer from participation in the future tenders up to a period of 2 years.</p>
18		<p>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 the 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.</p>
19		<p>For proper execution of work sufficient numbers of tools & tackles are to be provided by the agency at their own cost, nothing shall be paid extra for this.</p> <p>The contractor has to complete the work of any item of work within short notice as desired by officer-in-charge by increasing of manpower, material, T&P etc. for which no extra cost will be paid.</p> <p>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-Barauni as applicable, at his own cost and hence the agency has to quote their rate accordingly by taking care of all these.</p> <p>The contractor shall have P.F. code no. As per statutory requirements of provident fund Act, and extend the facilities of P.F. contribution of the act at his own cost and no extra claim shall be entertained by HURL on this account.</p> <p>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.</p> <p>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 Officer-in-charge.</p>

HINDUSTAN URVARAK & RASAYAN LIMITED
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

BARAUNI UNIT

Barauni Urvarak Nagar, Begusarai
P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115
[Registered Office SCOPE Minar, Core 4, 9TH Floor, Laxmi Nagar District Center, Delhi-110092]



SECTION – V

**(SOR, TECHNICAL SPECIFICATIONS
SCOPE OF WORK AND OTHER TERMS & CONDITIONS)**

BIDDER SIGN AND STAMP

Scope of Work:

The scope of jobs under this contract shall be broadly defined as:

1. Electrical jobs as per SOR.
2. Quantum of job: Quantum of job is approximate and there may be variation in quantities. HURL will not give any guarantee for minimum quantum of work during the year. Quantity in SOR may increase or decrease depending upon actual requirements; however, total value of SOR shall not exceed 25%.
3. Contractor should be capable of managing several job fronts simultaneously as and when required.
4. All tools & tackles, required manpower and consumables are under contractor scope. For tools and tackles refer annexure elsewhere mentioned in NIT.
5. The scope of work shall include Routine Checks, Monitoring, Up-keepment, Troubleshooting & attending all sorts of day-to-day electrical faults in electrical system and maintenance (Routine/ Preventive/ Predictive/ Breakdown/ Shutdown/ works and other miscellaneous works i.e. cleaning, deweeding etc., Condition Monitoring support, Emergency call Service, assistance during important activities viz. Testing, Commissioning & Overhauling etc. at area under the scope of Rate Contract. Apart from the scope of work, which has been mentioned below in detail in SOR, the actual scope may also include any other works (except which are not major) that are implicitly and explicitly associated with the scope but not mentioned specifically to achieve the above objective. The contractor should perform the relevant work activities towards completion of the assignments within mutually agreed time frame commensurate with the requirement. All sort of necessary modification work as deemed necessary & advised by the Engineer - in - Charge will have to be executed for successful completion of the work.
6. Daily round the clock deployment of technical staff for carrying out operational defects & Maintenance of log book & recording various parameters in the prescribed pro-forma on round the clock basis.
7. Logging & record keeping the Equipment status/parameters for all the equipment's under the scope of Vendor on daily basis as per the instruction of EIC in approved HURL format.
8. Contractor shall carry out additional work during unit outages without disturbing normal schedule work of other units as per outage schedule of HURL. Hence in addition to the resources dedicated for maintenance of the unit under shut down vendor has to deploy extra manpower/resources to

carry out extra jobs as elaborated in scope of work for outage. It may please be noted that outage is a separate job which might be carried out as per our requirement if any, for which quote shall be given as a separate line item.

9. Attending time for the Critical defect (As defined by Engineer In charge) should be completed within two hours.
10. Contractor shall attend points raised by safety & housekeeping audits point as raised during walk-down.
11. All statutory compliances are in vendor scope, Statutory fee to paid by HURL.
12. Any improvement projects/modifications taken for improvement of plant shall be carried out by contractor, any requirement of welding cutting shall be taken up by contractor
13. The Contractor shall maintain proper and detailed record for the job carried out by their employees and shall also maintain all records and returns as necessary for carrying out the work smoothly. All jobs to be carried out in consultation with HURL Engineer. Electricians, Technicians and vendor should possess their respective electrical license.
14. HURL will provide Permit to work along with work instructions & contractor engineer to execute the job only after ensuring all isolations (electrical & mechanical) & signing the permit by contractor representative. Contractor to issue signing authority on PTW for each group.
15. Contractor to return PTW after removing man & material from the equipment & declare equipment ready for operations. Housekeeping after completion of Job will be in contractor scope.
16. Contractor will maintain HURL safety standards in premises. One safety supervisor to be deployed as per safety guidelines.
17. All the work to be carried out by trained staff having a good bearing and maintain high standards of turn out, maintain adequate staff to ensure there is no hold up of any service for any reason whatsoever. Any delay & quality deficiency in the work carried out will entail penal reduction from the compensation payable as decided by the HURL. The successful Contractor as soon as the agreement is signed shall submit a list of their workmen / supervisor/ others along with copy of appointment order issued to them. As and when there is a change in the staff posted, a revised list shall be submitted along with copy of appointment order issued to the new appointee / appointees, simultaneously.
18. The Contractor shall depute such officers and supervisors as proposed by him, who shall be available on site to supervise the Contract employees and interact on daily basis with Officer-in- Charge regarding delivering the specified work

19. Contractor to work as per HURL schedule & work instructions.
20. Contractor engineer will work in consultation with respective HURL Engineer/ AM/M of group.
21. Vendor shall report any hazard condition in plant which may result to any accident.
22. Vendor should be responsible for arranging any special equipment or approaches if defect are located at high elevation.
23. Contractor shall do equipment/area cleaning e.g. Switchyard, transformers, cable tray, Switchgear, switch gear rooms, cable seller, cable trench, batteries etc on regular and as and when required basis.
24. Replacement of defective equipment / spare parts of equipment including switchyard equipments like insulator replacement, conductor replacement, isolator replacement, CT, PT, CB ,bushing replacement etc will be in contractor scope.
25. Any other special tools & tackles as may be necessary for break down or periodic maintenance work should be provided by the agency at time of requirement on urgent basis within 12 hrs positively.
26. Contractor has to acknowledge for attending the breakdown defects or identified during PM/CM of equipment's, within in two hours of identification with all resources required to attend the defect.
27. Any abnormalities found during Maintenance (PM/BM) or condition monitoring (like Misalignment of Isolators, heating marks, oil/gas leakages, missing fittings/ bolts / nuts / cable glands / cracks/damages of insulators/damages/erosion/corrosion/foreignparticles/blockageetc), immediately should communicate to HURL Engineer and defect rectification should be done.
28. Painting & Marking: Proper Identification of all the equipment's (to be displayed in black colour letters over yellow background), phase marking and minor touch up/tit-bit painting work Vendor shall provide paint, primer, thinner and provide all other consumables and T&P required for the job.
29. All the scrap materials related to this AMC job to be returned to HURL main store including transportation is under scope of vendor.
30. Supplies of all spare materials are in HURL scope and same will be available in HURL main store. Vendor should collect the spares from HURL main store as and when required. Transportation from HURL store to working area are in vendor scope.
31. Packing of unwanted panel holes by grommet is in the vendor scope including materials.

Scope of Works for Outage

- LT/HT motor connection removal& terminations after completion of work as & when required
Overhaul of LT/HT switchgear.

- Assistant/ support to Testing Engineer (shifting of Testing equipment's to site & back to stores connection)
- Inspection of Generator terminal Box, Generator circuit breaker, power transformer, NGR, GCP etc.
- Removal & re-termination of connections of transformer, motor for testing
- Providing temporary lighting for overhauling work as & when required in Comp houses, HRSG, GTG, Ammonia, Urea , offsite , bagging, WTP, Boiler, Transformers, etc.
- Providing 3 phase/single power supply for welding machine, Dewatering Pump etc. as when required on round the clock basis.
- Removal & re-termination of actuator connection.
- Cable trench dewatering is in vendor scope.
- Switchyard Transformer, GT Cooler fan dismantling for O/H & reconnection of the same after completion of work.
- GT HV side Connection removal & reconnection after completion of work.
- Oil leakage attaining work in 132KV incomer T/F, GT, all substation T/F , Construction power S/S T/F, Capacitors.
- Oil filtration work in Power transformer, distribution transformers installed in plant.
- 132KV switchyard Bay Equipment Maintenance & assistance in testing activities.
- Temporary lights, pedestal fan, extension board to be arranged by vendor during overhauling or outage of unit.

SAFETY CLAUSES

1. Hindustan Urvarak and Rasayan Ltd., Barauni is a large chemical plant falling under the category of MAH (Major Accident Hazard) and is committed to ensure high standards of safe working conditions in the plant. It is, therefore, required to fulfill the following requirements during the execution of contract:
 - Service provider shall provide his staff with required tested/inspected tools & tackles and safety equipment's as per Annexure Factories Act 1948-Rule29 and Bihar Factories Rules. The tools & tackles shall be duly tested and certified by Competent Person and also bear Identification mark, Safe working load & date of testing. The record of the same will also be maintained in a register and compliance of all the provisions in above rules will be Service provider's responsibility.
 - Service provider shall provide his staff personal protective equipment's like safety helmet, safety shoes, full body harness safety belts, goggles and hand gloves etc. as per annexure of standard make/ISI marked. The same must be of the brand as per HURL's F&S Department (preferably of Karam make).
 - No Service provider/staff is allowed to work in the plant area without proper written clearance/SWP from the area-in-charge and with all required safety gadgets/precautions.
 - Service provider will ensure that all his staff deputed in the plant area has been issued the Safety Instruction Sheet and all concerned have been explained about the safety hazards involved in the plant area and the job site, safe assembly points & safety precautions to be taken.

- Work should be carried out in the presence of competent and authorized supervisor only.
 - Service provider and his staff should acquaint themselves with the Normal/Fire/Emergency siren sounds.
 - For any clarification/assistance with regard to any safety related aspect, HURL's safety dept. is be contacted.
 - The contractor & their men either skilled or unskilled shall undergo safety training before going to the job site. Necessary certificate from F&S Department, Barauni Fertilizer shall be obtained for the same.
 - Work permit system and work request system of HURL / Standard norms of fertilizer industry as per SHE policy shall be followed without fail. Contractor should follow strictly HURL HSE policy, failing which penalty for non-observance of safety norms shall be imposed as per GCC / SCC terms & conditions.
 - Contractor shall deploy a minimum safety engineer as per government CSM guidelines
2. Contractor must ensure safety guidelines but not limited to the followings:
- (i) All electrical cables must be joint free & its insulation to be free from any defect / openings / cracks etc.
 - (ii) Temporary common electrical source must have ELCB (30 m Amps) for protection of the system.
 - (iii) Test certificates of all the PPEs are to be submitted to HURL F&S department before using at site.
 - (iv) ELCB & separate earthing wire must be provided in each & every welding machine.
3. Safety in totality like before start-up of job, during execution of job, commissioning of job etc is complete responsibility of contractor. This involves ensuring positive isolation of equipment before start-up of any job and during job execution, proper clearance, stand by persons outside the confined space job execution, doing job at scaffolding & safety during hot jobs, lighting / exhaust fan related safety, etc. For ensuring the safety in totality contractor shall fulfil the shift wise check list and submit to the EIC / site Engineer. The check list shall be finalized along with EIC after award of the job and before starting of the job. The description given above is only indicative not exhaustive, however safety is complete responsibility of contractor.

DETAILED SCOPE OF WORK FOR TOOLS CERTIFICATION:

1. Contractor has to maintain resources like standard multimeter, ELCB tester, Megger, insulated screw driver set, tong tester for carrying out daily electrical work.
2. Daily round the clock deployment of manpower for carrying out the work specified & generating reports on daily basis.
3. Contractor has to carry out additional work arising during unit outages without disturbing routine work, Hence in addition to resource dedicated for routine work , agency has to deploy additional resources for carrying out extra jobs.
4. Contractor has to depute manpower as per HURL requirement. All deputed persons must possess wiremen license with min. 4-5 years of experience (preferably technician with ITI (4-5 yrs. Of exp.)).
5. Contractor must maintain record of work carried out on daily basis .All the work is be carried out in consultation with HURL engineer only & with valid permit after compliance of all safety standard as per HURL requirement.
6. HURL will provide valid permit to work, Agency must not carry out any work without valid permit.
7. Contractor must maintain HURL safety standards in premises.

8. Contractor has to ensure manpower & resource availability round the clock & any emergency nature of work arising in odd hours & extended hours.
9. Standard tools to be issued to each technician for carrying out day to day work.
10. All ELCB testing to be done as per SAP schedule & generation of reports inline to that. Replaced ELCB testing to be done after rectification as per report.
11. Certification of portable electrical equipment's like welding & grinding machines, single phase & three phase extension boards, electrical hand tools ,oil filtration machine etc. to be done as per requirement.
12. Contractor shall to do audit of min. 10 temporary electrical connection inside plant area & submit the report on daily basis.
13. Contractor has to provide temporary three phase electrical connections as per need basis within an hour.
14. Contractor shall put required sticker after certification on portable equipments with exact date of testing, next due date, machine no. & signature.

Annexure II

SPECIAL TERMS AND CONDITIONS OF CONTRACT (FOR ARC):

1. The contractor shall have to make his own arrangements for all Tools & Tackles, Necessary Highly Skilled, Skilled, Semi-Skilled, etc required for the job. The work is subject to inspection at all time by the Engineers-in-charge and the Contractor shall have to carry out the work to the entire satisfaction of the Engineer-in-charge.
2. For any planned job, contractor will be notified before one week and they should be available at site on the mentioned time along with required manpower, consumables, tools and tackles.
3. For any kind of breakdown job/ unplanned job, contractor should be immediately available at site not more than 2 hours along with required manpower, consumable, tools and tackles. In order to achieve this the contractor shall make an arrangement of minimum manpower accordingly.
4. Housekeeping should be maintained and followed at work area during the work and after completion of the work by the contractor.
5. The contractor shall make his own arrangements for site store cum office for shifting of his safe custody of tools and equipment's at site. Open space shall be provided by HURL inside the plant.
6. If the contractor is having vehicle for transportation, make sure that the vehicle should be flame proof.
7. All lifting tools & tackles are to be duly tested by the govt. approved testing agency from time to time and the certificates for the same to be submitted to HURL for verification before taking up the job.
8. Completed jobs shall be measured as per units given in the schedule of rates and verified by the Engineer-in-Charge.
9. In case, interpretation of any job is not clear, the decision of Engineer-in-charge shall be final and binding. In case of doubt, contractor shall consult the Engineer-in-charge or Area-In- charge for clarification before the start of work.
10. Wherever specifications are not clear, clarification for the same can be had from the authority concerned before quoting the rate. Reasoning of any ignorance shall not absolve the contractor of his commitment to the execution of job.

11. All materials including tools and tackles and other materials viz. ladders etc. if required are to be shifted by the contractor for jobs to be attended by the contractor for which no extra payment will be made.
12. At the time of start of the contract by the contractor, the list of tool & tackles or any other equipment brought by the contractor at site are to be submitted by them, which will be verified by HURL Engineer-in-charge. If any addition and deletion is there, they have to inform to HURL in writing. If any item not mentioned in the list already submitted by the party is found, strict action will be taken against the contractor.
13. The contractor shall give details of manpower to be deployed for successful completion of each work at any time to HURL Engineer-in-charge.
14. The Contractor shall make his own arrangement for removal of old as well as unused material, including packing materials and empty cases free of cost from work site to the place indicated by the Engineer-in-charge after completion of work and nothing extra will be paid.
15. The decision of Engineer-in-charge in regard to all matters relating to the Tender and for determine the category of work with reference to material of an item not mentioned in scope of work shall be final.
16. HURL shall have power to make any alteration in, omission from, addition to, or substitutions for original specifications and instructions which may be considered necessary, during the progress of work and Contractor shall have to carry out the work in accordance with any instruction which may be given to him in writing duly signed by Engineer-in-charge. Such alteration, omission, additions, substitutions, shall not invalidate the contract and any altered, additional or substituted work which the Contractor may be directed to do in the manner above specified as a part of the work, shall be carried out by the Contractor on the same condition in all respects on which he has agreed to do the main work.
17. Contractor shall have to make good of losses or damages caused to HURL material, installations and equipment's etc. provided the loss is solely attributed to negligence on the part of contractor or his personnel. HURL's decision (Engineer-in-charge) on this matter shall be final and binding on the contractor.
18. If the Contractor is unable to execute the work any loss incurred by the company in this respect, will be, to the Contractor's account the company may also terminate the contract after giving a three-days' notice, if in its opinion; the work under the contract is not being done to its satisfaction. The Company will also have right to get the job done by a third party at the risk and cost of the Contractor till the expiry of the period of the contract and debit the cost plus 25% to the Contractor.
19. In case of unprecedented job requirement, payment mode/measurement shall be decided by the Engineer-in-charge which shall be binding to the Contractor.
20. Contractor has to ensure supply of persons when the job requirement demands and their payments as per Minimum Wages Act as specified by the Govt. from time to time.
21. Contractor shall provide contact details & address of self and supervisors, so that it is possible to contact immediately during odd hours.
22. Contractor shall be responsible for necessary health check, permits for workmen, employees deployed at site as per norms.
23. Party has to inform the prerequisites that are required to perform the ARC job immediately after getting job intimation /order from the EIC.
24. Standard GCC applicable
25. The Contractor shall not engage any workman having age below 18 years and having age above 60 years. During the contract period if any contractor's workman attains the age of 60 years, the contractor shall replace such workman with new workman.

26. Agency must hold a valid A class Electrical contractor license issued by competent authority of Bihar and must ensure Employees' State Insurance scheme.
27. Cables, wires, fuses, bulbs, tube light, LED fixture, Lugs and others electrical material will be provided by HURL to agency on requirement basis however agency to submit a list of consolidated material requirements prior to principal owner for throughout the contract period or during extension period of contract as may be applicable.
28. Items such as consumable like PVC tape, cotton tape, Cable tie, Jute/waste cloth, etc. shall be in scope of agency at free of cost to principal owner HURL. Also, agency to maintain its minimum stock at all the time.
29. HURL representative would review and plan the jobs for all the shifts. Materials of free issue would be maintained by the Electrician in his stock. In case of any discrepancy in the amount of reconciled quantity (to be done monthly) of free issue material, same would be deducted from the RA Bill of the agency.
30. Electrician would also make report of material consumed and ensure safe optimized handling of the free issue material and installation in his shift. Also returning the defective material back to the store and getting the same approved by EIC or his representative.
31. The Technician should be aware & hands-on experience of all measuring/testing Electricals, tools and tackles required for maintenance of stationary and rotary equipment.
32. All the other category of manpower shall have knowledge & working skill of their respective trade. In case, any worker is not acceptable to engineer-in-charge on account of his lack of skill/competence or otherwise, then he has to be replaced by the contractor with suitable/ acceptable manpower.
33. Supplied manpower has to do the job as per direction of HURL-EIC /in-charge within the plant premises or as directed by HURL-EIC.
34. Contractor has to ensure the availability of required number of manpower of various categories as per job requirement and as per SOR.
35. Coordination and supervision of jobs shall be in contractor's scope of work. Contractor supervisor shall maintain diary of each technician for their day-to-day output/work done and has to produce to Engineer-in-charge or his representative as and when asked for.
36. Maintenance Contractor shall have all the required technical skills to carry out various kind of maintenance job mentioned in the scope of work.
37. Electrician with a helper would diagnose malfunctioning systems, apparatus, and components and to locate the cause of breakdown and correct the problems.
38. Agency must comply with the minimum wage norms for payment, ESIC, PF etc. of the Electrician with a helper as per the Labor Act. Payment of wages to the electrician and helper must be done by 7th day of the month.
39. Agency to carry out periodic/quarterly audit of electric tools and tackles in view of safety and submit the compliance to HURL.
40. In case of non-availability of either electrician or helper or either of them, a penalty equal to double the rate of operation of electrician and helper would be imposed.
41. Agency to take prior approval from the owner for selecting any candidate throughout the contract period for replacement of existing manpower also maintenance manpower selection shall be done by HURL via interview and document review however in this regard's decision of HURL-EIC is binding to the maintenance contractor.
42. All types of Insurance Cover for the deployed worker at site shall be in scope of agency.

43. Annual Rate Contract includes all types of Electrical Maintenance jobs as specified in the SOR, specifications/drawings and as per directions of Engineer-in-Charge from time to time. The terms Electrical maintenance jobs includes removal & fixing of Electricals and other jobs as specified in the schedule of rates. Jobs can be awarded for execution in HURL premises (inside the factory or any other site).
44. All lifting tools & tackles are to be got tested under the Competent Person engaged by State Government from time to time and the certificates duly verified by Competent Authority are to be submitted to the Department before taking up the job
45. The Service provider shall arrange construction, erection, installation aids as required. HURL shall not be responsible for any delay due to non-availability of such aids.
46. It is the responsibility of the Service provider that no work is to be carried out without the safety work permit wherever required and the same is to be arranged by the respective area-in-charge. The job is to be started after getting clearance from the respective area-in-charge.
47. At the time of start of the contract by the Service provider, the list of tool & tackle or any other equipment brought by the Service provider at site is to be submitted by them which will be verified by HURL Engineer. If any addition and deletion is there, they have to inform to HURL in writing. If any item more than the list submitted by the party will be found, strict action will be taken against the Service provider.
48. HURL shall not provide site office to the Service provider. However, HURL shall provide suitable place for the erection of temporary site office. The same shall be dismantled after completion of the contract. However, HURL shall supply electric power on chargeable basis however meter and connection shall be arranged by service provider required for the execution of job/work.
49. Every care shall be taken to dismantle the required item with care. Any intentional damage or damage due to careless working for the equipment, shall be recovered from the Service provider.
50. Any material issued by HURL to Service provider, which falls under Service provider's obligation, shall be on chargeable basis with overhead of 25%. All taxes will be charged extra. The issue of such material will be sole discretion of HURL.
51. Before taking over any material/equipment from stores or site stores, it will be the responsibility of CTR to check for the healthiness of material/equipment. Once material has been issued to Service provider, its upkeep till the handing over shall be the responsibility of the Service provider.
52. Wherever supply of material is in the scope of CTR the same shall be got approved from Engineer-in-charge before its installation.
53. If any item is appearing at two or more places or in various sub heads of the contract, the payment to the CTR shall be made on the basis of lowest quoted rates in the contract/Under various sub-heads.
54. The manpower if taken, may be put in any shift i.e. A/B/C shift in addition to general shift depending upon the requirement of job as the factory is operating round the clock. No extra payment shall be made to the Service provider over and above the rate quoted for eight hours working.
55. In case, any worker/supervisor is not acceptable to Engineer-in-Charge on account of his lack of skill/competence or otherwise, he has to be replaced by the Service provider with suitable/acceptable hand.
56. Contractor has to establish his site workshop, post site in-charge and minimum manpower required within 20-days from the date indicated in the Letter of Intent (LOI) or Work order. Persons deployed have to strictly follow the factory timings.
57. Contractor has to carry out the job on round the clock basis, if required, without any extra compensation/claim,etc.

58. Any additional manpower and other resource mobilization as required during commissioning of new facilities and any exigencies shall be provided as per requirement of job/work plan, advised by the Engineer-in-charge/Site Engineer to complete the job within stipulated time. All additional resources including men & materials as per scope of job shall be arranged by the contractor without any additional cost.
59. Wherever specifications are not clear, clarification for the same can be had from the authority concerned before quoting the rate. Reasoning of any ignorance shall not absolve the contractor of his commitment to the execution of job.
60. Work should be carried out in the presence of competent and authorized supervisor only.
61. Contractor and his staff should acquaint themselves with the Normal/Fire/Emergency siren sounds.
62. For any clarification/assistance with regard to any safety related aspect, Fire & Safety Department, Manager (Safety) is to be contacted.
63. It is the responsibility of the contractor that no work is to be carried out without the safety work permit wherever required and the same is to be arranged by the respective Area-in-charge, HURL. The job is to be started after getting clearance from the respective area-in-charge.
64. The contractor shall give details of manpower to be deployed for successful completion of each work at any time to HURL Engineer-in-charge.
65. Contractor shall have to make good of losses or damages caused to HURL material, installations and equipment's etc. provided the loss is solely attributed to negligence on the part of contractor or his personnel. HURL's decision (Engineer-in-charge) on this matter shall be final and binding on the contractor.
66. In case of unprecedented job requirement, payment mode/measurement shall be decided by the Engineer-in-charge which shall be binding to the Contractor.
67. Contractor has to ensure supply of persons when the job requirement demands and their payments as per Minimum Wages Act as specified by the Govt. from time to time.
68. Contractor shall provide contact details & address of self and supervisors, so that it is possible to contact immediately during odd hours.
69. Contractor shall be responsible for necessary health check, permits for workmen, employees deployed for working at height as per norms.

70. MOBILIZATION PERIOD:

The job shall be executed any time within the contract period based upon the requirement after commencement of commercial operation of plant and handing over the site to the Contractor. Initial mobilization time of 20 (twenty) days shall be provided to start the job after written/verbal communication.

71. (i). VALIDITY OF THE CONTRACT:

The Contract shall remain valid for a period of 01(One) year as specified in NIT reckoned from the date of its handing over to site. The job can therefore, be get done any time during the tenure of the contract. Normally, notice of 7 days be given for starting the job. In case of any exigency, Contractor should be able to mobilize their manpower within 2 hours.

(ii). EXTENSION OF CONTRACT:

The extension of contract should be avoided and shall not be considered as a regular practice. Normally, the extension of contract shall be granted only in exigency of work due to unavoidable circumstances. The extension of contract can be given on the same rates, terms & conditions normally for a period of 01(one) year with mutual consent. Further, extension may be permitted only in exceptional circumstances based on justification and merit of the case with the approval of competent authority.

72. LOSS TO PLANT DURING EXECUTION:

Any damage or loss caused to plant Equipment etc. during execution of this contract will be made good by the contractor at his own cost and risk

73. PRESERVATION OF FREE ISSUE MATERIAL:

All materials issued to the Contractor by the owner shall be preserved against deterioration and storage while under contractor's custody, any damage/losses suffered on account of non-compliance with the requirement stipulated herein shall be considered as losses suffered due to willful negligence on the part of the contractor and he shall be liable to compensate HURL for the losses suffered at panel rates to be determined by the Engineer- in-charge with reference to the rates charged for the purpose of recovery shall be final and binding on the contractor.

74. ISSUE OF MATERIAL FROM HURL:

Any materials issued from HURL Stores not in HURL's scope will be issued and charged on market rate + 25% + All Taxes will be charged extra. The issue of such material will be on sole discretion of HURL.

75. MATERIAL TRANSPORTATION: The contractor shall make his own arrangement for transportation of the materials from stores to site of work and to the place of erection etc. at his own cost for making temporary stores/work sites, HURL may indicate an area at its own discretion for putting up of a temporary hut/shed.

76. PENALTY:

In the event of work not completed according to the time schedule, the contractor shall have to pay penalty @ 110% of the individual item value of that particular work along with GST per day basis,

Note: The above clause shall be reviewed in all cases after considering duration and criticality of work.

77. DEFECT LIABILITY PERIOD:

Defect liability period shall be 03(three) months from the date of completion of contract. Any

defect arising out of the faulty workmanship shall be made good at free of charge by contractor, if reported within defect liability period

78. SAFETY COMPLIANCE:

Hindustan Urvarak and Rasayan Ltd., Barauni is a large chemical plant falling under the category of MAH (Major Accident Hazard) and is committed to ensure high standards of safe working conditions in the plant. It is therefore, required to fulfil the following requirements during the execution of contract:

- (i). Contractor shall provide his staffs/workers with required tested/inspected tools & tackles and safety equipment's as per Annexure-III: Tools & tackles are to be duly tested by the govt. approved testing agency from time to time and the certificates for the same to be submitted to HURL for verification before taking up the job and also bear identification mark, Safe working load & date of testing. The record of the same will also be maintained in a register and compliance of all the provisions in above rules shall be the Contractor's responsibility.
- (ii). Contractor shall provide his staff personal protective equipment's like safety helmet, safety shoes, full body harness safety belts, goggles, hand gloves and Ear plugs etc. as per Annexure-III of standard make/ISI marked.
- (iii). No Contractor/staff is allowed to work in the plant area without proper written clearance/SWP from the area-in-charge and with all required safety gadgets/precautions.
- (iv). Contractor will ensure that all his staff deputed in the plant area has been issued the Safety Instruction Sheet and all concerned have been explained about the safety hazards involved in the plant area and the job site, safe assembly points & safety precautions to be taken.
- (v). Work should be carried out in the presence of competent and authorized supervisor only.
- (vi). Contractor and his staff should acquaint themselves with the Normal/Fire/Emergency siren sounds.
- (vii). For any clarification/assistance with regard to any safety related aspect, Fire & Safety Department, Manager (Safety) is to be contacted.
- (ix). It is the responsibility of the contractor that no work is to be carried out without the safety work permit wherever required and the same is to be arranged by the respective Area-in-charge, HURL. The job is to be started after getting clearance from the respective area-in-charge.

Requisite Qualification/ Experience of Manpower:

Below Manpower only be deployed after taking interview from HURL representative:

1. Site Supervisor cum store keeper - (BE 5+ year/Diploma 7years' Experience) – Supervisory experience mandatory
2. Electrician -----(ITI 5 +years' Experience)
3. Electrical Helper----- (ITI 1 Years/Unskilled 3 years' Experience)
4. HT/LT Switchgear -operator (ITI 4-5 years' Experience)
5. Motor Fitter for HT/LT overhauling & motor bearing replacement---(ITI 8-10 years' Experience)
6. ICTSM / Network technician – (ITI information communication technology system maintenance / network technician with min 5 years' experience)
7. Safety Supervisor –5 years' experience having safety supervisor licence

Key Deliverables

- Routine Inspection, Condition Monitoring & Defect report generation.
- Attending defects based on report generated by Process dept.
- Preventive/ predictive Maintenance
- Break down Maintenance
- Logging & record keeping the Equipment status/parameters for all the equipment's
- Operation of the electrical equipment's
- Attending Safety observation & housekeeping points raised during audits.

ANNEXURE III

Sr. No.	Description of safety PPE's (For both Manpower and ARC Contract)
1	Hand Gloves – Plain, Neoprene/PVC Dotted, Leather, Kevlar, Rubber, Asbestos
2	Safety Shoes
3	Gum boots with metal toe
4	Helmet
5	Goggles
6	Rainwear
7	Dust Masks
8	Ear Plugs
9	Full Body harness including Safety belt
10	Acid resistant apron
11	First aid box
12	Fall Arrester if required.

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page 14 of 71

Annexure IV

List of Consumables for complete contract

All consumables as mentioned & other consumables which are required for work execution at site shall be in the scope of contractor.

- Petrol
- Acetone
- CRC 2-26 spray
- 3A. Carbon Cleaner (8480)
- Rustolene/rust lick for rust removal
- Wd-40 lubricant spray
- Locktite bearing retainer 641
- Teflon tape
- Silicone sealants 732
- Pvc insulation tape
- Ht insulation tape
- Araldite, feviquick
- Emery paper of different grades
- Good quality markin cloth
- Cotton waste
- White petroleum jelly
- Tarpin Oil
- Detergents
- DP KIT
- Oil Stone
- Red Oxide/Paint
- Jal Coat (Varnish)
- Thinner 221
- Hardner
- Elmoluft
- Marker Pen
- Nilon brush,Paint,Brush
- Industrial blue pain
- Lock tite -406
- Scorch bright
- Gas (LPG+O2)
- Welding Rod (2.5 & 3.15 mm)
- All type of grinding wheel

Note:-

1. This is tentative list, any other consumables which is required to take up the job shall be in the scope of the contractor
2. Exclusive of AOH consumable materials.

CONSUMABLES TO BE MAINTAINED IN ARC AND MANPOWER CONTRACT:

Sr. No.	Item Description
1	Cotton Waste (10 Kg Min Stock)
2	Petroleum jelly (1 KG Min Stock)
3	Contact cleaner 2 Bottle Min stock
4	Grease (1 KG Min Stock
5	Emric paper (10 Piece Min Stock
6	CRC & WD40 5 Bottel each min stock
7	Silicon sealant 20 Bottle Min stock
8	Transparent plastic 10 KG min stock
9	Plastic Rope. 5 roll min stock
10	Barricading Danger Tape 5 roll min stock
11	Hand Trolley Required (2 Ton)
12	Red insulating varnish 5 liter min stock
13	Pen Oil 2 liter min stock
14	Araldite & M-Seal 1 Kg each min stock
15	HT Tape 5 Roll min stock
16	LT Insulation Tape (All Colours 10 rolls min stock)
17	Paint Brush (all size 5 each)
18	3 Pin top (6A, 16 A) (5 each domestic & industrial)
19	Hand Lamp (24V) 2 Nos
20	Rubber Gloves 415 V, 11KV & 33 kv each 5 Nos
21	Scrub Pads (10 nos Min stock)
22	Tarpaulin 10 *12 Feet plastic 5 Nos Min stock
23	Extension boards (with cable up to 100 Mtrs) 4 nos
24	Hose Pipe (as required basis)
25	Hygrometer (for battery maintenance) 2 Nos
26	Copper jelly 100 Grm min stock
27	Battery cleaner 1 ltr Min stock
28	Fevicol 1kg Min stock
29	Oil sampling bottle 500 MI (2 Nos) & 1000MI (2 Nos) Stainless steel bottle
30	Rustoline 2 Ltr
	Apart from this other consumable may be required on job requirement basis.

Annexure -V

TOOLS & TACKLES APPLICABLE FOR ARC AND MANPOWER JOB:

Sr.no	Equipment	Rating	Make	Qty	Remarks
1	Earthing Rods	132 KV		3	ISI Certified
2	5 KV IR Tester	5KV	Fluke/Megger	2	Certified & Callibrated
3	Multimeter	1000V AC & DC	Fluke/Megger	6	Certified & Callibrated
4	Clamp meter	1000 A AC & DC	Fluke/Megger	2	Certified & Callibrated
5	Clamp meter	30 A AC & DC	Fluke/Megger	1	Certified & Callibrated
6	Insulated FRP Ladders	Modulated Type 10 Mtr		2	ISI Certified
7	Insulated FRP Ladders	Modulated Type 5 Mtr		2	ISI Certified
8	Insulated FRP Ladders	Modulated Type 3 Mtr		2	ISI Certified
9	Binoculars	Range -100Mtr	flir/ Canon/Nikon	1	
10	D-Spanner Set	All Size	Taparia	6	Insulated
11	Ring-Spanner Set	All Size	Taparia	6	Insulated
12	Allen Key set	All Size	Taparia	6	Insulated
13	Plier Insulated		Taparia	6	Insulated
14	Nose Plier			6	Insulated
15	Cir-Clip Plier (Inner & Outer)		Taparia Insulated	4	Insulated
16	Rachet Spanner Set Mini	All size	Taparia Insulated	4	Insulated
17	Rachet Spanner Set	All size	Taparia Insulated	4	Insulated
18	Drill Machine	Bosch		3	with all size bit
19	Grinding Machine	Bosch		2	with Grinding blades
20	Pipe Wrench		Taparia	2	
21	File Round		Taparia	4	
22	File Flat		Taparia	4	
23	Hole saw cutter	All hole set	Bosch	1	

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page 17 of 71

24	Torch with Battery	High intensity		6	
25	Emergency Torch	Heavy Duty		2	
26	Screw driver set	all size insulated	Taparia	6	
27	Crimping Tool normal & crimping tool for insulated lugs	all dia size		1 Set	
28	Fall Arrestor	16mm Poly Rope		3	
29	Nylon Rope	16 mm Thick		500 Mtr	
30	Air Blower	Heavy Duty		3	
31	Hammer	Heavy Duty		5	
32	Soldering Gun			2	
33	Cotton Waste			10 KG	Always Available
34	Impact Wrench	6-18mm dia		2	
35	Torque wrench Mini	0-75 NM		2	
36	Torque wrench	50-200 NM		1	
37	Specialized tools required for carrying out general maintenance work in 132kV switchyard (articulating allen key set with long handle and ratchet, all sizes of spanners, lifting equipments, etc.)	As required			
38	Insulated rubber hand gloves	for voltage level upto 500V AC/DC, Class-00	Salisbury	10 pairs	
39	Milliamp Meter	1mA to 10Amp		1	Certified and calibrated

LIST OF TOOLS

	Tools Box for each Technicians for manpower supply contract (Containing Following)	10 Nos
Sr. No.	Tools	
1	Tool Bag	
2	Megger 500V	
3	Multi Meter	
4	Clamp Meter	
5	Voltage tester Up to 600V	
6	Spanner Set Ring & Fixed Up to 24 MM	
7	Allen Key Set up to 18 MM	
8	Tool Box containing box spanner set Small up to 18mm with ratchet/allen key	
9	Ball Pen Hammer	
11	Cir-clip Pliers Inner	
12	Cir-clip Pliers Outer	
13	Nut driver	
14	Pipe Spanner up to 18mm	
15	Crimping tool 0.5 to 10mm	
16	Wire Stripper	
17	Combination Pliers	
18	Nose Pliers	
19	Screw Driver Big Insulated	
20	Screw Driver Small insulated	
21	Mallet	
22	Hack saw Big	
23	Hack Saw Junior	
24	Screw driver Set	
25	Slide Wrench	
26	Knife	
27	Tool tie for working at height	
28	Portable Torch	

Sr No.	Tools to be maintained for General use at contractor store (Applicable for Manpower and ARC contract)	Qty
3	Grounding Rod up to 11KV	5 Nos
4	Motor Checker	3 Nos
5	Air Blower	5 Nos
6	Industrial Vacuum Cleaner	3 nos
7	Jig saw machine with blades	2 nos

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page 19 of 71

8	Hot Blower	2 nos
9	D Shackle	5 nos
10	D Shackle	5 nos
11	Chain Block 2 tons	1 nos
12	Chain Block 5tons	2 nos
13	Slings Cotton Preferred 10 tons	2 nos
14	Single phase Welding machine Portable	1 nos
15	Drill machine pedestal	1 nos
16	Portable drill machine	2 nos
17	Hole saw cutter set	1 set
19	hydraulic Bearing puller SKF	1 nos
20	Bearing Heater(Induction) for heating bearing up to 6319 SKF	1 nos
21	Bearing fitting Tool SKF	1 nos
22	Grease Gun 5Kgs with nozzles	2 nos
23	Box Spanner set Up to 36 mm with ratchet	1 nos
25	Spanner Set Ring & Fix up to 36	3 sets
26	Pipe Spanner Up to 36 MM	1 nos.
27	Allen key set Up to 30mm	3 sets
28	Crimping tools Up to 1000Sq mm(Hydraulic preferred)	1 sets
29	Crimping tools Up to 400Sq mm(Hydraulic preferred)	1 sets
30	Crimping tools Up to 150Sq mm(Hydraulic preferred)	1 sets
31	Crimping tool for Complifex lugs	1nos
32	Crimping tool for sleeve lugs up to 6MM	1 nos
33	Crimping tool for RJ45 connector	1nos
34	Lan tester	1nos
35	Screw Driver Set Big size	5 nos
36	Trolley Hydraulic for shifting material 2 tons	1 nos
37	Vernier caliper	1nos
38	Ladders	5 nos
40	File set	5 nos
41	PPE rope	100 mtrs
42	Tap set up to 24mm	2 set
43	Gasket punch set up to 24 mm	2
44	Gasket solution	
47	Grinding/cutting machine small	1
49	hand Lamps 24V with power pack	5 nos
50	Extension board Industrial Type with 20 mtrs. cable	10 nos
51	Extension Board Domestic with 10 mtrs .cable	5 nos
52	soldering iron, de-soldering set	2 sets
53	Silicon Sealant Gun	10 nos
55	Non sparking tools (spanner set & screw driver for hydrogen plant	1 set

ANNEXURE-VI

SPECIAL TERMS AND CONDITIONS OF CONTRACT (FOR MANPOWER):

1. Minimum tools required shall be as per annexure -V and CTR should comply the availability in all shifts.
2. Before finalizing the manpower, HURL will conduct an interview for ensuring his skills for the required job.
3. Manpower deputed for the regular maintenance job should not utilize for ARC job activities.
4. The required man power (Highly skilled, skilled and unskilled) may have to carry out the job in different shifts depending on the Plant requirement and as per the instruction of Engineer-in -charge (EIC).
5. Contractor authorized representative / supervisor (with mobile phone) must always be available at site.
6. Daily attendance sheet of shift personnel shall be submitted to the HURL. In case of any Supervisor/Technician/Helper remains absent from duties, suitable replacement shall be made without fail. This shall be intimated to HURL office in writing. If any deputed manpower is not present on duty without any prior information, the contractor shall have to pay penalty 20% of the total wages per day basis.
7. The contractor shall engage proper skilled / qualified / authorized personnel and ensure the expected quality of work. If any of their personnel is found to be unsuitable, by HURL, the contractor shall withdraw them and provide suitable replacement immediately, failing which HURL reserves full rights to get the job done by alternate suitable persons at risk and cost of the contractor.
8. There shall be no service charge /profit component payable to the contractor on account of differential amount paid to the contractor toward increase in minimum wages.
9. During any pandemic condition, all required PPEs should be followed by the worker and issuance of the required PPE's is under contractor scope. CTR to

comply the availability of safety PPE's as per Annexure -III for all manpower in all shifts.

10. Standard GCC applicable

11. The scope of work shall include Routine Checks, Monitoring, Up-keepment, Troubleshooting & attending all sorts of day-to-day electrical faults in electrical system and maintenance (Routine/ Preventive/ Predictive/ Breakdown/ Shutdown/ works and other miscellaneous works i.e. cleaning, deweeding etc., Condition Monitoring support, Emergency call Service, assistance during important activities viz. Testing, Commissioning & Overhauling etc. at area under the scope of Rate Contract. Apart from the scope of work, which has been mentioned below in detail in SOR, the actual scope may also include any other works (except which are not major) that are implicitly and explicitly associated with the scope but not mentioned specifically to achieve the above objective. The contactor should perform the relevant work activities towards completion of the assignments within mutually agreed time frame commensurate with the requirement. All sort of necessary modification work as deemed necessary & advised by the Engineer - in - Charge will have to be executed for successful completion of the work.

12. Daily round the clock deployment of technical staff for carrying out operational defects & Maintenance of log book& recording various parameters in the prescribed pro-forma on round the clock basis.

13. Logging & record keeping the Equipment status/parameters for all the equipment's under the scope of Vendor on daily basis as per the instruction of EIC in approved HURL format. Logging/ Record keeping of the trouble register/Job register, issuance/receipt of material at site store on daily basis or as and when required as per direction of EIC.

14. Logging/ Record keeping of the trouble register/Job register are in vendor scope.

15. Attending time for the Critical defect (As defined by Engineer In charge) should be completed within two hours.

16. Contractor shall attend points raised by safety & housekeeping audits point as

raised during walk- down.

17. All statutory compliances are in vendor scope, Statuary fee to paid by HURL.
18. Any improvement projects/modifications taken for improvement of plant shall be carried out by contractor, any requirement of welding cutting shall be taken up by contractor
19. The Contractor shall maintain proper and detailed record for the job carried out by their employees and shall also maintain all records and returns as necessary for carrying out the work smoothly. All jobs to be carried out in consultation with HURL Engineer. Electricians, Technicians and vendor should possess their respective electrical license.
20. HURL will provide Permit to work along with work instructions & contractor engineer to execute the job only after ensuring all isolations (electrical & mechanical) & signing the permit by contractor representative. Contractor to issue signing authority on PTW for each group.
21. Contractor to return PTW after removing man & material from the equipment & declare equipment ready for operations. Housekeeping after completion of Job will be in contractor scope.
22. Preliminary RCA report to be submitted by vendor.
23. All the work to be carried out by trained staff having a good bearing and maintain high standards of turn out, maintain adequate staff to ensure there is no hold up of any service for any reason whatsoever. Any delay & quality deficiency in the work carried out will entail penal reduction from the compensation payable as decided by the HURL. The successful Contractor as soon as the agreement is signed shall submit a list of their workmen / supervisor/ others along with copy of appointment order issued to them. As and when there is a change in the staff posted, a revised list shall be submitted along with copy of appointment order issued to the new appointee / appointees, simultaneously.
24. The Contractor shall depute such officers and supervisors as proposed by him, who shall be available on site to supervise the Contract employees and interact on daily

basis with Officer-in- Charge regarding delivering the specified work

25. Contractor to work as per HURL schedule & work instructions.
26. Contractor engineer will work in consultation with respective HURL Engineer/ AM/M of group.
27. Vendor shall inspect all locations of plant for any defects in illumination system & shall generate defect report for the same on daily basis.
28. Vendor shall report any hazard condition in plant which may result to any accident.
29. Vendor should be responsible for arranging any special equipment or approaches if defect are located at high elevation.
30. Contractor shall do equipment/area cleaning e.g. Switchyard, transformers, cable tray, Switchgear, switch gear rooms, cable seller, cable trench, batteries etc on regular and as and when required basis.
31. Any other special tools & tackles as may be necessary for break down or periodic maintenance work should be provided by the agency at time of requirement on urgent basis within 12 hrs positively.
32. Contractor has to acknowledge for attending the breakdown defects or identified during PM/CM of equipment's, within in two hours of identification with all resources required to attend the defect.
33. Any abnormalities found during Maintenance (PM/BM) or condition monitoring (like Misalignment of Isolators, heating marks, oil/gas leakages, missing fittings/ bolts / nuts / cable glands / cracks/damages of insulators/damages/erosion/corrosion/foreignparticles/blockageetc), immediately should communicate to HURL Engineer and defect rectification should be done.
34. Painting & Marking: Proper Identification of all the equipment's (to be displayed in black colour letters over yellow background), phase marking and minor touch up/tit-bit painting work Vendor shall provide paint, primer, thinner and provide all other consumables and T&P required for the job.
35. 33/11/3.3 KV and 415V Cable maintenance, fault finding, rectification if required is under scope of vendor.

36. All the scrap materials related to this AMC job to be returned to HURL main store including transportation is under scope of vendor.
37. Supplies of all spare materials are in HURL scope and same will be available in HURL main store. Vendor should collect the spares from HURL main store as and when required. Transportation from HURL store to working area are in vendor scope.
38. Packing of unwanted panel holes by grommet is in the vendor scope including materials.

SAFETY CLAUSES

1. Hindustan Urvarak and Rasayan Ltd., Barauni is a large chemical plant falling under the category of MAH (Major Accident Hazard) and is committed to ensure high standards of safe working conditions in the plant. It is, therefore, required to fulfill the following requirements during the execution of contract:
 - Service provider shall provide his staff with required tested/inspected tools & tackles and safety equipment's as per Annexure Factories Act 1948-Rule29 and Bihar Factories Rules. The tools & tackles shall be duly tested and certified by Competent Person and also bear Identification mark, Safe working load & date of testing. The record of the same will also be maintained in a register and compliance of all the provisions in above rules will be Service provider's responsibility.
 - Service provider shall provide his staff personal protective equipment's like safety helmet, safety shoes, full body harness safety belts, goggles and hand gloves etc. as per annexure of standard make/ISI marked. The same must be of the brand as per HURL's F&S Department (preferably of Karam make).
 - No Service provider/staff is allowed to work in the plant area without proper written clearance/SWP from the area-in-charge and with all required safety gadgets/precautions.
 - Service provider will ensure that all his staff deputed in the plant area has been issued the Safety Instruction Sheet and all concerned have been explained about the safety hazards involved in the plant area and the job site, safe assembly points & safety precautions to be taken.
 - Work should be carried out in the presence of competent and authorized supervisor only.
 - Service provider and his staff should acquaint themselves with the Normal/Fire/Emergency siren sounds.
 - For any clarification/assistance with regard to any safety related aspect, HURL's safety dept. is to be contacted.

- The contractor & their men either skilled or unskilled shall undergo safety training before going to the job site. Necessary certificate from F&S Department, Barauni Fertilizer shall be obtained for the same.
 - Work permit system and work request system of HURL / Standard norms of fertilizer industry as per SHE policy shall be followed without fail. Contractor should follow strictly HURL HSE policy, failing which penalty for non-observance of safety norms shall be imposed as per GCC / SCC terms & conditions.
 - Contractor shall deploy a minimum safety engineer as per government CSM guidelines
2. Contractor must ensure safety guidelines but not limited to the followings:
- (i) All electrical cables must be joint free & its insulation to be free from any defect / openings / cracks etc.
 - (ii) Temporary common electrical source must have ELCB (30 m Amps) for protection of the system.
 - (iii) Test certificates of all the PPEs are to be submitted to HURL F&S department before using at site.
 - (iv) ELCB & separate earthing wire must be provided in each & every welding machine.
3. Safety in totality like before start-up of job, during execution of job, commissioning of job etc is complete responsibility of contractor. This involves ensuring positive isolation of equipment before start-up of any job and during job execution, proper clearance, stand by persons outside the confined space job execution, doing job at scaffolding & safety during hot jobs, lighting / exhaust fan related safety, etc. For ensuring the safety in totality contractor shall fulfil the shift wise check list and submit to the EIC / site Engineer. The check list shall be finalized along with EIC after award of the job and before starting of the job. The description given above is only indicative not exhaustive, however safety is complete responsibility of contractor.

requirement for routine maintenance in general shift and shift maintenance (not included in SOR) as detailed below:

****NOTE: Bidder to note that the below mentioned minimum manpower shall be handed over to HURL for routine maintenance for general shift maintenance jobs. HURL reserves the right to utilize this manpower in any of the Electrical related activities which is not in SOR.**

- **Group -1: AMMONIA+AMM STORAGE+ACT**
- **Group - 2: UREA+COMP HOUSE+UCT+T.ETP+ Prilling Tower / DM / ETP**
- **Group -3: N2 Plant/IA Plant/FWPH/CPP/EDG/WORKSHOP/Laboratory/Fire Station**

- **Group- 4: BAGGING PLANT / Raw Water Reservoir / Switchyard**
- **Group- 5: Non-Plant S/S / O&U SS1/ Non-Plant Building/ Warehouse / Intake water system**

Minimum 3 unskilled, 1 skilled (Individual for each above group) and 1 high skilled Supervisor will be deployed on all working days for carrying out below maintenance jobs:

- 1) Preventive/Predictive, breakdown maintenance and CBM of HT and LT switchgears, etc.
- 2) Preventive/Predictive, breakdown maintenance and CBM of transformers, NGRs, NIS, etc.
- 3) Preventive/Predictive, breakdown maintenance and CBM of UPS, VFD, Soft starter, etc.
- 4) Preventive/Predictive, breakdown maintenance and CBM of GTG, generator auxiliary system, HRSG, etc.
- 5) Preventive/Predictive, breakdown maintenance and CBM of 11KV & 3.3KV Motors, LT Motors , DC motors, etc.
- 6) Preventive/Predictive, breakdown maintenance and CBM of GCPP, AVR Panel, etc.
- 7) Preventive/Predictive, breakdown maintenance and CBM of EDG Set,LMS system, DC drives, DC system, battery chargers, Battery banks, etc.
- 8) Preventive/Predictive, breakdown maintenance and CBM of EOT cranes, Heat Tracing System, Cathodic Protection system, etc.
- 9) Preventive/Predictive, breakdown maintenance and CBM of APFC , Capacitor Banks, reactor , etc..
- 10) Preventive/Predictive, breakdown maintenance and CBM of Bagging plant auxiliaries i.e. TLM, WLM, Stitching machine, etc.
- 11) Preventive/Predictive, breakdown maintenance and CBM of 132KV Line and 132KV bay Switchyard equipment's, etc.
- 12) Preventive/Predictive, breakdown maintenance and CBM of MOV's, actuators, etc..
- 13) Preventive/Predictive, breakdown maintenance and CBM of Fire alarm system , Clean agent system, etc.
- 14) Preventive/Predictive, breakdown maintenance and CBM of HVAC and Package air conditioner system, etc.
- 15) Cable laying , glanding and termination
- 16) Preventive/Predictive, breakdown maintenance and CBM of HV / LV Busduct, etc.
- 17) Preventive/Predictive, breakdown maintenance and CBM of Public address and telecommunication system.
- 18) Weather protection for all Electrical scope to be checked weekly.
- 19) Bearing replacement and Motor overhauling
- 20) Greasing and lubrication of Motors

- 21) Isolation, Reconnection, Rackin/Rack out, Lockout and Tagout on Panels in every shift as per requirement
- 22) Condition Monitoring of Transformers, Switchgears, VFD's, UPS, Chargers and maintaining shift log books.
- 23) Attending Troubleshooting any breakdown.
- 24) Battery Bank Voltage checking, Specific gravity checking in Every shift.
- 25) Cleaning of Electrical Panels/Motors and its filters etc.
- 26) Connection and disconnection of Cables in panels and Motors as per requirement.
- 27) Preparation/Installation and removal of Extension boards/Hand lamps/Pedestal Fans etc for services to all department as per requirement.
- 28) Verification and certification of Portable electrical equipment's from other vendors or department.
- 29) Motor temperature and vibration monitoring.
- 30) Bus Changeovers for Planned or unplanned activities.
- 31) Vermin Proofing checking of Panels.
- 32) IR checking of Cables/Motors/Transformers Before charging.
- 33) Monsoon protection checking of all electrical equipment's on weekly basis.
- 34) Earthing integrity checking of all equipment's during LLF rounds on daily basis.
- 35) Providing Power connections to Temporary Welding Machines and Equipments in field as per requirement.
- 36) Condition Monitoring of Transformers, Switchgears, VFD's, UPS, Chargers and maintaining shift log books.
- 37) Operation, Monitoring and Control of GTG/Switchyard and monitoring of all Electrical Parameters of complex.
- 38) Checking of conveyor belt motors, wagon loader, truck loader. Connection balkanizing machine for conveyor belt jointing.
- 39) Providing required manpower for housekeeping of all substations and its cable cellars
- 40) Connection and disconnection of Cables in panels and Motors as per requirement in non-Plant areas.

Key Deliverables

- Routine Inspection, Condition Monitoring & Defect report generation.
- Attending defects based on report generated by Process dept.
- Preventive/ predictive Maintenance
- Break down Maintenance
- Logging & record keeping the Equipment status/parameters for all the equipment's
- Operation of the electrical equipment's
- Attending Safety observation & housekeeping points raised during audits.

Requisite Qualification/ Experience of Manpower:

Below Manpower only be deployed after taking interview from HURL representative:

1. Site Supervisor cum store keeper - (BE 5+ year/Diploma 7years' Experience) – Supervisory experience mandatory
2. Electrician ----- (ITI 5 +years' Experience)
3. Electrical Helper----- (ITI 1 Years/Unskilled 3 years' Experience)
4. HT/LT Switchgear -operator (ITI 4-5 years' Experience)
5. Motor Fitter for HT/LT overhauling & motor bearing replacement---(ITI 8-10 years' Experience)
6. ICTSM / Network technician – (ITI information communication technology system maintenance / network technician with min 5 years' experience)
7. Safety Supervisor –5 years' experience

MANPOWER PRICE SOR

MANPOWER PRICE SOR FORMAT

ANNEXURE-VIII

Sl.	Component	%	on	Unskilled	Skilled	Highly Skilled	Total
A	Minimum Wages Rate (Rs)			443.00	625.00	734.00	
B	Payment of Bonus	8.33%	A	36.90	52.06	61.14	
C	PF and EDLI	13.10%	A	58.03	81.88	96.15	
D	ESI	3.25%	A+B	15.60	22.00	25.84	
E	Total Wage rate Per manday			553.53	780.94	917.14	
F	Required Manpower / Day			22	10	1	
G	No of Days			365	365	365	
H	No of Required Mandays		F*G	8030	3650	365	
I	Total Manday Cost		H*E	4,444,859.65	2,850,438.41	334,755.49	7,630,053.55
J	Contractors Profit (includes Tools, Tackles, other overheads)	15.00%	I	666,728.95	427,565.76	50,213.32	1,144,508.03
K	Total Estimated Cost		I+J	5,111,588.59	3,278,004.18	384,968.81	8,774,561.58

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page 29 of 71

ARC Activities

Annexure-VII - (Part A) - HURL Barauni Electrical Rate contract Activites List					
Sl.	Item Description	Unit	Qty	Rate	Amount(In RS)
A	MOTORS				
9	SHIFTING OF MOTOR/PANEL/EQUIPMENT Transportation from the store to the site or from worksite to worksite within plant area or within township, Panel, motor or any other equipment alongwith all necessary accessories without any damage. All complete with labour, materials, necessary tools/tackles and shifting vehical/ mode as per the direction of Engineer-in-Charge.				
9.1	Small equipment requiring tractor trailer but not requiring crane / hydra etc. (beyond 100 kg.)	Each	98	1,587.19	1,55,544.62
9.2	Equipment weighing above 500 kg & less than 3 MT, requiring hydra and tractor trolley etc.	Each	25	4,648.59	1,16,214.75
9.3	Equipment weighing more than 3 MT and requiring crane and tractor trolley etc	Each	2	11,140.41	22,280.82
13	HT/LT Motor Cleaning Cleaning of HT/LT motors & its push button includes cleaning of accumulated oil/spillage oil & other particles on the surface of motor & connected cable & surrounding area of the motor. All cleaning material such as cotton waste, markin cloth etc. shall be supplied by the contractor. Job to be completed with all man & material as per direction & entire satisfaction of the Engineer-in- Charge.				
13.1	HT Motors		80	482.73	38,618.40
13.2	LT Motors 45 KV and above		134	241.37	32,343.58
13.3	LT Motors below 45 KV		1454	111.40	1,61,975.60
B	SWITCHGEARS				

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page **30** of **71**

1	PREVENTIVE MAINTENANCE OF 11KV SWITCHBOARD PANELS Preventive Maintenance of HV (11 kV) Switchboard (As per PM checklist). Job shall include opening of back cover, top cover, side plate of switchgear panel , racking out the breaker, cleaning of the panel. Bus Bar Job shall include opening of covers to access the bus bars , cleaning of bus bar section , insulator bushing, CTs etc ,cleaning of the chamber, insulator bushing, CTs,PTs, etc., tightness check of the bus bar joint and shrouds, replacing any faulty parts if any, applying HT/LT tape if required (will be free issue by HURL), bolting back the all covers , taking final meggar of bus and sucessfull charging of board. Labour, tools and takle, consumables , required for completion of job, as per direction of Engineer-in-Charge, are in scope of bidder.	Each	225	211.39	47,562.75
4	MAINTENANCE OF 3.3KV SWITCHBOARD PANELS Preventive Maintenance of HV (3.3 kV) Switchboard (As per PM checklist). Job shall include opening of back cover, top cover, side plate of switchgear panel , racking out the breaker, cleaning of the panel. Bus Bar Job shall include opening of covers to access the bus bars , cleaning of bus bar section , insulator bushing, CTs etc ,cleaning of the chamber, insulator bushing, CTs,PTs, etc., tightness check of the bus bar joint and shrouds, replacing any faulty parts if any, applying HT/LT tape if required (will be free issue by HURL), bolting back the all covers , taking final meggar of bus and sucessfull charging of board. Labour, tools and takle, consumables , required for completion of job, as per direction of Engineer-in-Charge, are in scope of bidder.	Each	76	211.39	16,065.64

6	LT Panel Cleaning Preventive Maintenance of complete PMCC/EPMCC/MCC/ (As per PM checklist).Job shall include opening of back cover,side cover, top cover of switchgear panel (1 vertical), racking out the breaker, assistance during testing, cleaning of the panel, insulator bushing, CTs & the cubicle, tightness check of the cables, applying HT/LT tape if required (will be free issue by HURL,all Panel doors gasket condition checking & replacement if required,bolting back the covers.Dead Bus Bars insulation & tightness checking , final meggar and successful charging of panel, all complete with labour and material as per the instruction of Engineer-in-Charge.	Each	80	2,228.00	1,78,240.00
17	Connection and disconnection of Hand lamp/grinder/500 W flood light fittings wooden boards of different sizes with any No. of switch/sockets of different ratings, 24V transformer of capacity upto & including 500 VA etc. with flexible wire of sizes 1.5 sq.mm/2.5 sq mm / 4 sqmm including to and fro transporting it to Owner's store or any other place.. All complete with labour and materials as per directions of the Engineer-in-Charge. NOTE Hand lamps / flood lights / 24V transformer / flexible wire are to be supplied by Owner. Consumables like PVC tape, CTC, cleaning cloth are to be supplied by Contractor	Each	10	116.40	1,164.00
C	Cables				

1	LAYING OF LT POWER/ CONTROL/ TELEPHONE/ INSTRUMENT/ AND OTHER CABLES IN TRENCHES Horizontal and vertical laying of one or more armoured / unarmoured PILCA / PVC insulated and PVC sheathed / XLPE LT power (voltage grade upto 1.1 KV)/ control/ telephone/ instrument and other cables of following sizes in pre-excavated cable trench or existing trench / RCC or Hume or Stoneware or Metal pipe / masonry duct, fixing of number tags (if required), testing plus transportation from stores to site, unpacking, straightening, dressing of cable and returning the empty drum with unused cable, if any, to stores etc. all complete with labour and materials as per the drawings, specifications and directions of the Engineer-in-charge. NOTE: Cables will be supplied by the Owner free of cost.				
1.1	Overall diameter upto 35 MM	metre	500	38.64	19,320.00
1.2	Overall diameter > 35 MM but upto 55 MM	metre	500	54.35	27,175.00
1.3	Overall diameter >55 MM but upto 75 MM	metre	250	70.07	17,517.50
1.4	Overall diameter > 75 MM	metre	250	101.49	25,372.50
2	LAYING OF LT POWER/ CONTROL/ TELEPHONE/ INSTRUMENT/ AND OTHER CABLES ON CABLE TRAYS/ STRUCTURES Horizontal and vertical laying of one or more armoured / unarmoured PILCA / PVC insulated and PVC sheathed / XLPE LT power (voltage grade upto 1.1 KV)/ control/ telephone/ instrument/ CCTV/ computer and other cables on cable racks/ wall and steel structures upto any height, fixing of saddles, aluminium strip, number tags (if required), testing plus transportation from stores to site, unpacking, straightening, dressing of cable, fixing with clams/ cleats as required and returning the empty drum				

	with unused cable, if any, to stores etc. all complete with labour and materials as per the drawings, specifications and directions of the Engineer-in-charge. NOTE: Cables will be supplied by the Owner free of cost.				
2.1	Overall diameter upto 35 MM	metre	500	41.78	20,890.00
2.2	Overall diameter > 35 MM but upto 55 MM	metre	500	60.64	30,320.00
2.3	Overall diameter >55 MM but upto 75 MM	metre	500	88.92	44,460.00
2.4	Overall diameter > 75 MM	metre	250	129.78	32,445.00
3	HT CABLE LAYING IN TRENCHES				
	Horizontal and vertical laying of one or more armoured / unarmoured PILCA / PVC insulated and PVC sheathed/ XLPE HT power cables of voltage grade exceeding 1.1 KV but not exceeding 33 KV of following sizes in pre-excavated cable trench or existing trench / RCC or Hume or Stoneware or Metal pipe / masonry duct, fixing of number tags (if required), testing plus transportation from stores to site, unpacking, straightening, dressing of cable and returning the empty drum with unused cable, if any, to stores etc. all complete with labour and materials as per the drawings, specifications and directions of the Engineer-in- charge. NOTE: Cables will be supplied by the Owner free of cost.				
3.1	Overall diameter upto 35 MM	metre	500	41.78	20,890.00
3.2	Overall diameter > 35 MM but upto 55 MM	metre	500	60.87	30,435.00
3.3	Overall diameter >55 MM but upto 75 MM	metre	500	86.83	43,415.00
3.4	Overall diameter > 75 MM	metre	500	125.86	62,930.00
4	HT CABLE LAYING ON TRAYS/ STRUCTURES				

	Horizontal and vertical laying of one or more armoured / unarmoured PILCA / PVC insulated and PVC sheathed/ XLPE HT power cables of voltage grade exceeding 1.1 KV but not exceeding 33 KV of following sizes on cable racks/ wall and steel structures upto any height, fixing of saddles, aluminium strip, number tags (if required), testing plus transportation from stores to site, unpacking, straightening, dressing of cable, fixing with clamps/ cleats as required and returning the empty drum with unused cable, if any, to stores etc. all complete with labour and materials as per the drawings, specifications and directions of the Engineer-in-charge. NOTE: Cables will be supplied by the Owner free of cost.				
4.1	Overall diameter upto 35 MM	metre	500	44.93	22,465.00
4.2	Overall diameter > 35 MM but upto 55 MM	metre	500	65.59	32,795.00
4.3	Overall diameter >55 MM but upto 75 MM	metre	500	93.87	46,935.00
4.4	Overall diameter > 75 MM	metre	500	134.72	67,360.00
5	TEMPORARY CABLE LAYING ON SURFACE				
	Temporary laying and fixing of LT power/ control/ telephone cables on surface as required including carriage, handling, testing, cutting, sealing, fixing with clamps / cleats etc., transporation of cable from stores to site and returning the empty drum with unused cable, if any, to stores etc. all complete with labour and materials as per the drawing, specification and direction of the Engineer-in-charge. NOTE: 1) Cables will be supplied by the Owner free of cost.				
5.1	Overall diameter upto 35 MM	metre	500	20.26	10,130.00
5.2	Overall diameter > 35 MM but upto 55 MM	metre	500	28.11	14,055.00

5.3	Overall diameter >55 MM but upto 75 MM	metre	500	35.97	17,985.00
5.4	Overall diameter > 75 MM	metre	500	43.83	21,915.00
6	DRESSING OF CABLES				-
	Dressing of cable in underground trenches, cable trays/rack etc. including supply and fixing of clamps etc., wherever necessary, as per the direction of the Engineer- in-charge				-
6.1	Overall diameter >55 MM but upto 75 MM	metre	500	23.40	11,700.00
6.2	Overall diameter > 75 MM	metre	500	24.97	12,485.00
7	EXCAVATION OF EARTH FOR CABLE / PIPE LAYING FOR ELECTRICAL WORK				-
	Excavation of earth for cable trenches / laying of G.I. pipes for cable work in all types of soils including saturated soil upto a max. depth of 1.5 metres including shoring, strutting and bailing out of water (if necessary), backfilling and compacting in layers not exceeding 20 cm. thick to the finished ground level and disposal and dressing of excess earth within a lead of 50 metres all complete with labour and materials as per standards, drawings, specifications and directions of Engineer-in- charge.	M3	10	272.78	2,727.80
8	SFI OF GI CABLE TRAY (INCL. COST OF TRAY)				-
	Supply ,fabricating and installing following sizes of perforated GI cable trays including horizontal and vertical bends, reducers, tees, cross members and other accessories as required and duly suspended from the ceiling and / or fix to steel / RCC columns, beams, or any other structure members with MS suspenders, angles, channels etc. complete as per the direction of Engineer-in Charge				-
8.1	100 mm x 25 mm x 2 mm	metre	10	445.23	

					4,452.30
8.2	150 mm x 25 mm x 2 mm	metre	10	541.16	5,411.60
8.3	300 mm x 25 mm x 2 mm	metre	10	827.38	8,273.80
8.4	450 mm x 25 mm x 2 mm	metre	10	1,115.20	11,152.00
8.5	600 mm x 25 mm x 2 mm	metre	10	1,415.39	14,153.90
8.6	100 mm x 40 mm x 2 mm	metre	10	515.17	5,151.70
8.7	150 mm x 40 mm x 2 mm	metre	10	611.11	6,111.10
8.8	300 mm x 40 mm x 2 mm	metre	10	897.32	8,973.20
8.9	450 mm x 40 mm x 2 mm	metre	10	1,297.07	12,970.70
8.10	600 mm x 40 mm x 2 mm	metre	10	1,471.36	14,713.60
8.11	750 mm x 40 mm x 2 mm	metre	10	1,759.18	17,591.80
8.12	150 mm x 50 mm x 2 mm	metre	10	649.47	6,494.70
8.13	300 mm x 50 mm x 2 mm	metre	10	935.71	9,357.10
8.14	450 mm x 50 mm x 2 mm	metre	10	1,223.52	12,235.20
8.15	600 mm x 50 mm x 2 mm	metre	10	1,509.73	15,097.30
8.16	750 mm x 50 mm x 2 mm	metre	10	1,797.55	17,975.50
8.17	150 mm x 75 mm x 2 mm	metre	10	745.43	7,454.30
8.18	300 mm x 75 mm x 2 mm	metre	10	1,031.63	10,316.30
8.19	450 mm x 75 mm x 2 mm	metre	10	1,319.45	13,194.50
8.20	600 mm x 75 mm x 2 mm	metre	10	1,605.67	16,056.70
8.21	150 mm x 100 mm x 2 mm	metre	10	839.76	8,397.60
8.22	300 mm x 100 mm x 2 mm	metre	10	1,127.58	11,275.80
8.23	450 mm x 100 mm x 2 mm	metre	10	1,415.39	14,153.90
8.24	600 mm x 100 mm x 2 mm	metre	10	1,701.62	17,016.20

9	GI PIPE LAYING (INCLUDING COST OF PIPE)				-
	Providing and laying medium quality, Class-B galvanised steel pipes of Tata / Jindal or approved equivalent make conforming to IS-1239 [Part-I] in underground trenches, on steel, concrete or similar structures including cutting, threading, bending, supply & installation of supports, clamps, small iron structures, spacer, seats, plugs, bush, fittings / fixtures like bends, tees, nipples, reducers etc. all complete as per specification, drawing and direction of Engineer-in- charge. Item includes sealing of pipe ends & joints with bushes and bitumen based fillings and such other miscellaneous works so as to make piping water tight.				-
9.1	25 mm dia	metre	10	190.08	1,900.80
9.2	40 mm dia	metre	10	266.99	2,669.90
9.3	50 mm dia	metre	10	341.14	3,411.40
9.4	65 mm dia	metre	2	420.82	841.64
9.5	80 mm dia	metre	5	553.50	2,767.50
9.6	100 mm dia	metre	5	756.17	3,780.85
9.7	150 mm dia	metre	5	1,211.00	6,055.00
10	SUPPLYING AND FIXING OF GI ROUTE MARKER				-
	Suppplying cable route marker with 10 cm x 10 cm x 5 mm thick GI plate with inscription thereon, bolted/ welded to 35 mm x 35 mm x 6 mm angle iron, 60cm long and fixing the same in ground as required. Job includes painting with one coat of redoxide and finishing paint. Concreat is insope of Bidder.	each	10	474.23	4,742.30
11	FIXING OF ROUTE MARKER				-
	Fixing of cable route marker as required	each	10	171.36	

	in ground as per drawing & directions of EIC. Same as above but excluding the cost of route marker.				1,713.60
13	LT CABLE END TERMINATION FOR ARMoured PVC INSULATED ALUMINIUM CABLE WITH DOUBLE COMPRESSION FLAME PROOF TYPE BRASS GLANDING (INCLUDING COST OF GLANDS & LUGS)				-
	Providing end termination of power/control cable including cutting, stripping, providing & fixing lugs, cable insulation, providing & glanding double compression heavy duty FLAME PROOF TYPE brass cable gland conforming to IS-12943 (Dowell's or approved equivalent), wherever specified, providing aluminium lugs, crimping/soldering, as necessary, restoration of insulation/clamping of cable, tagging with aluminium tag, earthing of armour, connection to the equipment terminals etc. all complete with labour and materials as per standard and direction of the Engineer-in-charge				-
13.1	3 X 4 Sqmm	each	10	483.65	4,836.50
13.2	3 X 6 Sqmm	each	10	555.33	5,553.30
13.3	3 x 10 sqmm	each	10	608.00	6,080.00
13.4	3 x 16 sqmm	each	10	669.98	6,699.80
13.5	3 x 25 sqmm	each	10	673.17	6,731.70
13.6	3 x 35 sqmm	each	10	721.65	7,216.50
13.7	3 x 50 sqmm	each	10	924.68	9,246.80
13.8	3 x 70 sqmm	each	10	1,242.57	12,425.70
13.9	3 x 95 sqmm	each	10	1,312.75	13,127.50
13.10	3 x 120 sqmm	each	10	1,639.22	16,392.20

13.11	3 x 150 sqmm	each	10	1,774.80	17,748.00
13.12	3 x 185 sqmm	each	10	2,137.49	21,374.90
13.13	3 x 240 sqmm	each	10	2,467.79	24,677.90
13.14	3 x 300 sqmm	each	10	3,070.67	30,706.70
13.15	3 x 400 sqmm	each	10	3,145.30	31,453.00
13.16	3 x 2.5 sqmm LT control cables with copper lugs	each	10	551.25	5,512.50
13.17	5 x 2.5 sqmm LT control cables with copper lugs	each	10	655.55	6,555.50
13.18	7 x 2.5 sqmm LT control cables with copper lugs	each	10	715.19	7,151.90
13.19	10 x 2.5 sqmm LT control cables with copper lugs	each	10	731.98	7,319.80
13.20	12 x 2.5 sqmm LT control cables with copper lugs	each	10	743.18	7,431.80
13.21	14 x 2.5 sqmm LT control cables with copper lugs	each	10	928.51	9,285.10
13.22	16 x 2.5 sqmm LT control cables with copper lugs	each	10	939.71	9,397.10
13.23	19 x 2.5 sqmm LT control cables with copper lugs	each	10	956.50	9,565.00
13.24	3-1/2 x 25 sqmm	each	10	946.04	9,460.40
13.25	3-1/2 x 35 sqmm	each	10	1,220.40	12,204.00
13.26	3-1/2 x 50 sqmm	each	10	1,438.38	14,383.80
13.27	3-1/2 x 70 sqmm	each	10	1,516.50	15,165.00
13.28	3-1/2 x 95 sqmm	each	10	1,836.28	18,362.80
13.29	3-1/2 x 120 sqmm	each	10	2,073.45	20,734.50
13.30	3-1/2 x 150 sqmm	each	10	2,433.95	24,339.50
13.31	3-1/2 x 185 sqmm	each	10	2,798.98	27,989.80
13.32	3-1/2 x 240 sqmm	each	10	3,360.33	33,603.30
13.33	3-1/2 x 300 sqmm	each	10	4,071.52	40,715.20
13.34	3-1/2 x 400 sqmm	each	10	4,538.02	

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page **40** of **71**

					45,380.20
14	LT CABLE END TERMINATION FOR ARMOURED PVC INSULATED ALUMINIUM CABLE WITH DOUBLE COMPRESSION FLAME PROOF TYPE BRASS GLAND (EXCLUDING COST OF GLANDS & LUGS)				-
	Providing end termination of power/control cable including cutting, stripping, fixing lugs, cable insulation, & glanding with double compression heavy duty FLAME PROOF TYPE brass cable gland, fixing aluminium lugs, crimping/soldering, as necessary, restoration of insulation/clamping of cable, tagging with aluminium tag, earthing of armour, connection to the equipment terminals etc. all complete as per standard and direction of the Engineer-in-charge				-
14.7	3 X 4 Sqmm	each	10	263.93	2,639.30
14.8	3 X 6 Sqmm	each	10	270.21	2,702.10
14.9	3 x 10 sqmm	each	10	276.50	2,765.00
14.10	3 x 16 sqmm	each	10	282.78	2,827.80
14.11	3 x 25 sqmm	each	10	289.07	2,890.70
14.12	3 x 35 sqmm	each	10	292.21	2,922.10
14.13	3 x 50 sqmm	each	10	294.10	2,941.00
14.14	3 x 70 sqmm	each	10	345.62	3,456.20
14.15	3 x 95 sqmm	each	10	348.76	3,487.60
14.16	3 x 120 sqmm	each	10	573.42	5,734.20
14.17	3 x 150 sqmm	each	10	575.30	5,753.00
14.18	3 x 185 sqmm	each	10	576.56	5,765.60
14.19	3 x 225 sqmm	each	10	577.82	5,778.20
14.20	3 x 240 sqmm	each	10	579.70	

					5,797.00
14.21	3 x 300 sqmm	each	10	659.81	6,598.10
14.22	3 x 400 sqmm	each	10	664.10	6,641.00
14.23	4 X 4 Sqmm	each	10	267.07	2,670.70
14.24	4 X 6 Sqmm	each	10	268.33	2,683.30
14.25	4 x 10 sqmm	each	10	270.21	2,702.10
14.26	4 x 16 sqmm	each	10	272.73	2,727.30
14.27	4 x 25 sqmm	each	10	348.13	3,481.30
14.28	4 x 35 sqmm	each	10	350.64	3,506.40
14.29	4 x 50 sqmm	each	10	351.90	3,519.00
14.30	3 x 2.5 sqmm LT control cables with copper lugs	each	10	248.50	2,485.00
14.31	5 x 2.5 sqmm LT control cables with copper lugs	each	10	252.79	2,527.90
14.32	7 x 2.5 sqmm LT control cables with copper lugs	each	10	285.92	2,859.20
14.33	10 x 2.5 sqmm LT control cables with copper lugs	each	10	304.77	3,047.70
14.34	12 x 2.5 sqmm LT control cables with copper lugs	each	10	314.20	3,142.00
14.35	14 x 2.5 sqmm LT control cables with copper lugs	each	10	318.49	3,184.90
14.36	16 x 2.5 sqmm LT control cables with copper lugs	each	10	331.34	3,313.40
14.37	19 x 2.5 sqmm LT control cables with copper lugs	each	10	345.17	3,451.70
14.38	3-1/2 x 25 sqmm	each	10	297.07	2,970.70
14.39	3-1/2 x 35 sqmm	each	10	355.62	3,556.20
14.40	3-1/2 x 50 sqmm	each	10	457.01	4,570.10
14.41	3-1/2 x 70 sqmm	each	10	531.28	5,312.80
14.42	3-1/2 x 95 sqmm	each	10	679.81	6,798.10
14.43	3-1/2 x 120 sqmm	each	10	828.34	8,283.40

14.44	3-1/2 x 150 sqmm	each	10	1,180.72	11,807.20
14.45	3-1/2 x 185 sqmm	each	10	1,188.26	11,882.60
14.46	3-1/2 x 225 sqmm	each	10	1,485.33	14,853.30
14.47	3-1/2 x 240 sqmm	each	10	1,548.18	15,481.80
14.48	3-1/2 x 300 sqmm	each	10	1,782.40	17,824.00
14.49	3-1/2 x 400 sqmm	each	10	2,016.61	20,166.10
15	LT STRAIGHT THROUGH CABLE JOINT FOR ARMoured PVC INSULATED CABLE (INCLUDING COST OF JOINT KIT OF HEAT SHRINKABLE TYPE)				-
	Making straight through joints for medium voltage PVC armoured power & control cables (upto 1.1 KV grade) including cutting, stripping of cable insulation, including supply of heat shrinkable TUBULAR straight through cable jointing kit of Raychem / CCI / approved equivalent make with ferrules. All complete with labour and materials as per drawings, specifications and directions of Engineer in-charge.				-
15.1	Upto 3 / 3.5 / 4 x 6 sqmm	each	2	1,468.65	2,937.30
15.2	3 / 3.5 / 4 x 10 sqmm	each	2	2,154.80	4,309.60
15.3	3 / 3.5 / 4 x 16 sqmm	each	2	2,154.80	4,309.60
15.4	3 / 3.5 / 4 x 25 sqmm	each	2	3,486.73	6,973.46
15.5	3 / 3.5 / 4 x 35 sqmm	each	2	3,486.73	6,973.46
15.6	3 / 3.5 / 4 x 50 sqmm	each	2	3,858.06	7,716.12
15.7	3 / 3.5 / 4 x 70 sqmm	each	2	5,405.27	10,810.54
15.8	3 / 3.5 / 4 x 95 sqmm	each	2	5,628.07	11,256.14
15.9	3 / 3.5 / 4 x 120 sqmm	each	2	5,640.64	11,281.28

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page 43 of 71

15.10	3 / 3.5 / 4 x 150 sqmm	each	2	5,653.22	11,306.44
15.11	3 / 3.5 / 4 x 185 sqmm	each	2	9,395.20	18,790.40
15.12	3 / 3.5 / 4 x 225 sqmm	each	2	9,692.26	19,384.52
15.13	3 / 3.5 / 4 x 240 sqmm	each	2	9,777.94	19,555.88
15.14	3 / 3.5 / 4 x 300 sqmm	each	2	9,803.65	19,607.30
15.15	3 / 3.5 / 4 x 400 sqmm	each	1	10,334.52	10,334.52
17	LT STRAIGHT THROUGH CABLE JOINT FOR ARMoured/XLPE PVC INSULATED CABLE (EXCLUDING COST OF JOINT KIT OF HEAT SHRINKABLE TYPE)				-
	Making straight through joints for medium voltage PVC armoured power & control cables (upto 1.1 KV grade) including cutting, stripping of cable insulation, excluding supply of heat shrinkable straight through cable jointing kit. All complete with labour and materials as per drawings, specifications and directions of Engineer-in- charge.				-
17.1	Upto 3 / 3.5 / 4 x 6 sqmm	each	1	594.13	594.13
17.2	3 / 3.5 / 4 x 10 sqmm	each	1	606.70	606.70
17.3	3 / 3.5 / 4 x 16 sqmm	each	1	619.27	619.27
17.4	3 / 3.5 / 4 x 25 sqmm	each	1	631.84	631.84
17.5	3 / 3.5 / 4 x 35 sqmm	each	1	644.41	644.41
17.6	3 / 3.5 / 4 x 50 sqmm	each	1	861.49	861.49
17.7	3 / 3.5 / 4 x 70 sqmm	each	1	874.06	874.06
17.8	3 / 3.5 / 4 x 95 sqmm	each	1	1,008.30	1,008.30
17.9	3 / 3.5 / 4 x 120 sqmm	each	1	1,020.88	1,020.88
17.10	3 / 3.5 / 4 x 150 sqmm	each	1	1,033.45	1,033.45
17.11	3 / 3.5 / 4 x 185 sqmm	each	1	1,039.73	

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page **44** of **71**

					1,039.73
17.12	3 / 3.5 / 4 x 225 sqmm	each	1	1,262.53	1,262.53
17.13	3 / 3.5 / 4 x 240 sqmm	each	1	1,275.10	1,275.10
17.14	3 / 3.5 / 4 x 300 sqmm	each	1	1,287.67	1,287.67
17.15	3 / 3.5 / 4 x 400 sqmm	each	1	1,571.01	1,571.01
17.16	3 / 3.5 / 4 x 500 sqmm	each	1	1,633.86	1,633.86
20	11 KV (UE) HEAT SHRINKABLE STRAIGHT THROUGH PVC/XLPE CABLE JOINTING (INCLUDING COST OF JOINTING KIT)				-
	Making straight through cable joint for power (PVC/XLPE) armoured cable and following sizes and grade including cutting, stripping of cable insulation all complete with labour including travel, transportation, boarding and lodging of the cable jointer and materials excluding cost of jointing kit as per standard and direction of the Engineer-in-Charge.				-
20.1	3 x 185 sqmm	each	1	35,403.18	35,403.18
20.2	3 x 240 sqmm	each	1	38,033.02	38,033.02
20.3	3 x 300 sqmm	each	1	38,171.30	38,171.30
20.4	3 x 400 sqmm	each	1	38,183.87	38,183.87
20.5	1 x 300 sqmm	each	1	15,662.74	15,662.74
20.6	1 x 400 sqmm	each	1	19,134.31	19,134.31
20.7	1 x 500 sqmm	each	1	19,146.88	19,146.88
20.8	1 x 630 sqmm	each	1	20,883.29	20,883.29
21	3.3 KV (UE) / 6.6 KV (E) HEAT SHRINKABLE STRAIGHT THROUGH ARMoured ALUMINIUM PVC/XLPE CABLE JOINTING (INCLUDING COST OF JOINTING KIT)				-

	Making straight through cable joint for power (PVC/XLPE) armoured cable and following sizes and grade including cutting, stripping of cable insulation all complete with labour including travel, transportation, boarding and lodging of the cable jointer and materials excluding cost of jointing kit as per standard and direction of the Engineer-in-Charge.				-
21.2	3 x 185 sqmm	each	1	23,456.89	23,456.89
21.4	3 x 240 sqmm	each	1	23,532.32	23,532.32
21.5	3 x 300 sqmm	each	1	23,544.89	23,544.89
22	11 KV(E) / (UE) /6.6KV(UE) HEAT SHRINKABLE OUTDOOR PVC/XLPE CABLE END TERMINATION (INCLUDING COST OF END TERMINATION KIT)				-
	Providing end termination of power cable including cutting, stripping, providing & fixing of lugs, cable insulation, providing aluminium lugs, crimping/soldering, as necessary, restoration of insulation/ clamping of cable, tagging with aluminium tag, earthing of armour, connection to the equipment terminals etc. all complete with labour including travel, transportation, boarding and lodging of the cable jointer and materials as per standard and direction of the Engineer-in-charge.				-
22.1	3 x 150 sqmm	each	1	21,584.72	21,584.72
22.2	3 x 185 sqmm	each	1	21,597.29	21,597.29
22.3	3 x 240 sqmm	each	1	23,434.24	23,434.24
22.4	3 x 300 sqmm	each	2	23,559.95	47,119.90
22.5	3 x 400 sqmm	each	2	23,572.52	47,145.04
22.6	1 x 400 sqmm	each	2	10,157.88	20,315.76

22.7	1 x 500 sqmm	each	1	10,170.45	10,170.45
22.8	1 x 630 sqmm	each	1	11,902.32	11,902.32
23	11 KV(E) / (UE) /6.6KV(UE) HEAT SHRINKABLE INDOOR PVC/XLPE CABLE END TERMINATION (INCLUDING COST OF END TERMINATION KIT)				-
	Providing end termination of power cable including cutting, stripping, providing & fixing of lugs, cable insulation, providing & glanding single/double compression heavy duty brass cable gland conforming to IS-12943 , providing aluminium lugs, crimping/soldering, as necessary, restoration of insulation/ clamping of cable, tagging with aluminium tag, earthing of armour, connection to the equipment terminals etc. all complete with labour including travel, transportation, boarding and lodging of the cable jointer and materials as per standard and direction of the Engineer-in-Charge.				-
23.1	3 x 150 sqmm	each	1	17,005.42	17,005.42
23.2	3 x 185 sqmm	each	1	17,017.99	17,017.99
23.3	3 x 240 sqmm	each	2	17,818.51	35,637.02
23.4	3 x 300 sqmm	each	1	17,831.08	17,831.08
23.5	3 x 400 sqmm	each	1	17,843.65	17,843.65
23.6	1 x 400 sqmm	each	1	9,058.80	9,058.80
23.7	1 x 500 sqmm	each	1	9,071.37	9,071.37
23.8	1 x 630 sqmm	each	2	10,487.98	20,975.96
24	6.6KV(E)/3.3KV(UE) HEAT SHRINKABLE INDOOR PVC/XLPE ARMoured				-

	ALUMINIUM CABLE END TERMINATION (INCLUDING COST OF JOINTING KIT & FERRULES)				
	Providing end termination of power cable including cutting, stripping, providing & fixing of lugs, cable insulation, providing & glanding single/double compression heavy duty brass cable gland conforming to IS-12943 , providing aluminium lugs, crimping/soldering, as necessary, restoration of insulation/ clamping of cable, tagging with aluminium tag, earthing of armour, connection to the equipment terminals etc. all complete with labour including travel, transportation, boarding and lodging of the cable jointer and materials as per standard and direction of the Engineer-in-Charge.				-
24.1	3 x 150 sqmm	each	2	12,845.62	25,691.24
24.2	3 x 185 sqmm	each	2	12,908.47	25,816.94
24.3	3 x 240 sqmm	each	3	12,921.04	38,763.12
24.4	3 x 300 sqmm	each	3	13,685.92	41,057.76
24.5	3 x 400 sqmm	each	3	13,698.49	41,095.47
25	11 KV (E) / (UE) /6.6KV (UE) HEAT SHRINKABLE STRAIGHT THROUGH PVC/XLPE CABLE JOINTING (EXCLUDING COST OF JOINTING KIT)				-
	Making straight through cable joint for power (PVC/XLPE) armoured cable and following sizes and grade including cutting, stripping of cable insulation all complete with labour including travel, transportation, boarding and lodging of the cable jointer and materials excluding cost of jointing kit as per standard and direction of the Engineer-in-Charge.				-
25.1	3 x 150 sqmm	each	2	6,593.58	13,187.16
25.2	3 x 185 sqmm	each	2	6,656.44	

					13,312.88
25.3	3 x 240 sqmm	each	2	6,669.01	13,338.02
25.4	3 x 300 sqmm	each	2	6,719.29	13,438.58
25.5	3 x 400 sqmm	each	2	6,731.86	13,463.72
25.6	1 x 300 sqmm	each	2	4,741.15	9,482.30
25.7	1 x 400 sqmm	each	2	4,753.72	9,507.44
25.8	1 x 500 sqmm	each	2	4,766.29	9,532.58
25.9	1 x 630 sqmm	each	2	4,866.86	9,733.72
26	3.3 KV (E/UE) / 6.6 KV (E) HEAT SHRINKABLE STRAIGHT THROUGH ARMoured ALUMINIUM PVC/XLPE CABLE JOINTING (EXCLUDING COST OF JOINTING KIT)				-
	Making straight through cable joint for power (PVC/XLPE) armoured cable and following sizes and grade including cutting, stripping of cable insulation all complete with labour including travel, transportation, boarding and lodging of the cable jointer and materials excluding cost of jointing kit as per standard and direction of the Engineer-in-Charge.				-
26.1	3 x 150 sqmm	each	1	6,593.58	6,593.58
26.2	3 x 185 sqmm	each	1	6,656.44	6,656.44
26.3	3 x 240 sqmm	each	1	6,681.58	6,681.58
26.4	3 x 300 sqmm	each	1	6,719.29	6,719.29
26.5	1 x 185 sqmm	each	1	4,615.45	4,615.45
27	6.6KV(E)/3.3KV(UE) HEAT SHRINKABLE OUTDOOR PVC/XLPE ARMoured ALUMINIUM CABLE END TERMINATION (EXCLUDING COST OF END TERMINATION KIT)				

	Providing end termination of power cable including cutting, stripping, providing lugs, cable insulation,, crimping/soldering, as necessary, restoration of insulation/ clamping of cable, tagging with aluminium tag, earthing of armour, connection to the equipment terminals etc. all complete with labour including travel,transportation, boarding and lodging of the cable jointer and materials as per standard and direction of the Engineer-in-charge.				
27.1	3 x 150 sqmm	each	1	6,593.58	6,593.58
27.2	3 x 185 sqmm	each	1	6,656.44	6,656.44
27.3	3 x 240 sqmm	each	1	6,669.01	6,669.01
27.4	3 x 300 sqmm	each	1	6,719.29	6,719.29
27.5	1 x 185 sqmm	each	1	4,929.71	4,929.71
27	11 KV(E) / (UE) /6.6KV(UE) HEAT SHRINKABLE INDOOR PVC/XLPE CABLE END TERMINATION (EXCLUDING COST OF END TERMINATION KIT)				-
	Providing end termination of power cable including cutting, stripping, providing lugs, cable insulation, providing and glanding with single/double compression heavy duty brass cable gland conforming to IS-12943 , wherever specified, providing aluminium lugs, crimping/soldering, as necessary, restoration of insulation/ clamping of cable, tagging with aluminium tag,earthing of armour, connection to the equipment terminals etc. all complete with labour including travel,transportation, boarding and lodging of the cable jointer and materials as per standard and direction of the Engineer-in-Charge.				-
27.1	3 x 150 sqmm	each	6	6,719.29	40,315.74

27.2	3 x 185 sqmm	each	6	6,731.86	40,391.16
27.3	3 x 240 sqmm	each	6	6,744.43	40,466.58
27.4	3 x 300 sqmm	each	6	6,845.00	41,070.00
27.5	3 x 400 sqmm	each	6	6,857.57	41,145.42
27.6	1 x 400 sqmm	each	6	4,992.57	29,955.42
27.7	1 x 500 sqmm	each	6	5,005.14	30,030.84
27.8	1 x 630 sqmm	each	6	5,017.71	30,106.26
28	EXTRA FOR PROVIDING COPPER LUGS				-
	Supply of copper tube terminal heavy duty (crimping cable lug) of KSE / Dowells make or equivalent certified by EIC. of the following sizes.				-
28.1	1.5 sqmm	each	100	4.12	412.00
28.2	2.5 sqmm	each	100	4.45	445.00
28.3	4 sqmm	each	100	5.18	518.00
28.4	6 sqmm	each	100	6.66	666.00
28.5	10 sqmm	each	100	6.97	697.00
28.6	16 sqmm	each	100	9.49	949.00
28.7	20 sqmm	each	20	10.05	201.00
28.8	25 sqmm	each	20	12.72	254.40
28.9	35 sqmm	each	20	18.20	364.00
28.10	50 sqmm	each	20	30.22	604.40
28.11	70 sqmm	each	20	45.75	915.00
28.12	95 sqmm	each	20	66.61	1,332.20

29	EXTRA FOR PROVIDING ALUMINIUM LUGS				-
	Supply of aluminium tube terminal heavy duty (crimping cable lug) of KSE / Dowells make or equivalent certified by EIC. of the following sizes.				-
29.1	6 sqmm	each	101	1.54	155.54
29.2	10 sqmm	each	99	2.06	203.94
29.3	16 sqmm	each	100	2.47	247.00
29.4	25 sqmm	each	100	3.11	311.00
29.5	35 sqmm	each	100	4.10	410.00
29.6	50 sqmm	each	100	6.22	622.00
29.7	70 sqmm	each	100	9.32	932.00
29.8	95 sqmm	each	50	10.29	514.50
29.9	120 sqmm	each	50	14.39	719.50
29.10	150 sqmm	each	50	18.65	932.50
29.11	185 sqmm	each	50	23.30	1,165.00
29.12	240 sqmm	each	20	39.81	796.20
29.13	300 sqmm	each	20	55.90	1,118.00
29.14	400 sqmm	each	20	80.78	1,615.60
29.15	500 sqmm	each	20	116.50	2,330.00
29.16	630 sqmm	each	20	152.09	3,041.80
30	EXTRA FOR PROVIDING FLAMEPROOF DOUBLE COMPRESSION (BRASS) CABLE GLANDS				-
	Supply of CMRS / CCE approved flameproof double compression (brass) cable gland for				-

	following overall cable sizes as per directions of Engineer-in-Charge.				
30.1	10.0 to 16.0 mm	each	10	175.46	1,754.60
30.2	16.5 to 18.0 mm	each	10	184.97	1,849.70
30.3	18.5 to 20.0 mm	each	10	256.62	2,566.20
30.4	20.5 to 23.0 mm	each	10	293.90	2,939.00
30.5	23.5 to 26.0 mm	each	9	368.47	3,316.23
30.6	26.5 to 30.0 mm	each	10	415.27	4,152.70
30.7	30.5 to 33.0 mm	each	10	611.94	6,119.40
30.8	33.5 to 37.0 mm	each	5	822.49	4,112.45
30.9	37.5 to 41.0 mm	each	5	889.76	4,448.80
30.10	41.5 to 46.0 mm	each	5	983.34	4,916.70
30.11	46.5 to 52.0 mm	each	5	1,106.16	5,530.80
30.12	52.5 to 60.0 mm	each	5	1,454.90	7,274.50
D	EARTHING				
1	EARTHING WITH GI STRIP				
	Providing Earthing with GI strip of the following sizes including supply and laying of GI strip and connecting consumables, all complete with labour and materials as per direction of Engineer-in-Charge.				
1.1	75 X 10 MM GI STRIP	metre	50	434.36	21,718.00
1.2	75 X 5 MM GI STRIP	metre	50	270.03	13,501.50
1.3	50 X 6 MM GI STRIP	metre	50	201.92	10,096.00
1.4	40 X 5 MM GI STRIP	metre	50	131.44	6,572.00

1.5	25 X 5 MM GI STRIP	metre	50	84.77	4,238.50
1.6	50 X 5 MM COPPER STRIP (2.30Kg / M)	metre	10	1,608.86	16,088.60
2	EARTHING WITH BARE GI WIRE				-
	Earthing with bare GI wire, providing and connecting equipments with earth bus bar including supply and fixing of bare GI wire of following sizes and making connection with equipment by means of GI bolts, nuts, washers, copper lugs etc. all complete with labour and materials as per direction of Engineer-in-Charge.				-
2.1	6 SWG	metre	100	25.35	2,535.00
2.2	8 SWG	metre	100	22.90	2,290.00
2.3	10 SWG	metre	100	21.10	2,110.00
3	EARTHING WITH GI WIRE ROPE				-
	Earthing with GI wire rope, providing and connecting equipment with earth buss bar including supply and fixing of GI wire rope of following diameter and making connection with equipment by means of GI bolts, nuts, washers, copper lugs etc. all complete with labour and materials as per direction of Engineer-in-Charge.				-
3.1	6 MM	metre	50	68.12	3,406.00
3.2	10 MM	metre	50	125.95	6,297.50
4	PROVIDING EARTHING ELECTRODE				-
	Providing earthing electrode as per IS: 3043 standard / drawing / specifications with following sizes medium quality, Class-B, ITC/KT/Jindal make GI pipe fabricated as per the standard drawing and driven in the earth pit filled up with charcoal or coke dust mixed with salt clay (salt 0.5%) including providing inspection chamber as per the drawing with				-

	removable RCC (1:2:4) cover, earth, excavation, back filling, masonry work etc. all complete with labour and materials as per the direction of Engineer- in-Charge. Charcoal and salt cost will be paid seperately as extra.				
4.1	65 mm dia 3 metre long	set	10	2,774.01	27,740.10
4.2	65 mm dia 2.5 metre long	set	10	2,500.18	25,001.80
4.3	40 mm dia 4.5 metre long (without charcoal, coke and salt)	set	10	2,527.41	25,274.10
5	EARTHING OF STREET LIGHT POLES				-
5.1	Earthing of street light poles with 2 meter long 1 inch dia GI pipe earthing electrode (medium quality, Class B, KT, Jindal make or approved equivalent) and 25x5 mm thick strip, pipe and connection of GI strip with earth electrode and street light pole using GI nuts, bolts, washers etc. or by welding and driving the earth electrode in earth, all complete with labour and materials as per the direction of Engineer-in- charge.	Each	10	994.90	9,949.00
6	SALT AND CHARCOAL FOR PLATE EARTHING				-
	Extra for using below given salt and charcoal for plate earth electrode as required.				-
6.1	96 kg charcoal and 5 kg salt	set	10	1,051.26	10,512.60
6,2	240 kg coke and 5 kg salt	set	10	2,752.46	27,524.60
7	SALT AND CHARCOAL FOR PIPE EARTHING				-
	Extra for using below given salt and charcoal for pipe earth electrode as required.				-
7.1	64 kg charcoal and 5 kg salt	set	10	719.66	7,196.60
7.2	160 kg coke and 5 kg salt	set	10	1,853.80	18,538.00
8	GI LIGHTNING TAPE FOR HORIZONTAL RUN				-

	Providing and fixing GI tape 20mm x 3mm thick on parapet or surface of wall for lightning conductor as required,. (For horizontal run)	metre	10	105.08	1,050.80
9	GI LIGHTNING TAPE FOR VERTICAL RUN				-
	Providing and fixing GI tape 20mm x 3mm thick on parapet or surface of wall for lightning conductor as required,. (For vertical run)	metre	10	161.54	1,615.40
10	FIXING OF CU/GI TAPE FOR HORIZONTAL RUN				-
	Fixing of Copper / GI tape in 20mm x 3mm thick on parapet or surface of wall for lightning conductor as required,. (For horizontal run)	metre	10	62.54	625.40
11	FIXING OF CU / GI TAPE FOR VERTICAL RUN				-
	Fixing of Copper / GI tape in 20mm x 3mm thick on parapet or surface of wall for lightning conductor as required,. (For vertical run)	metre	10	118.93	1,189.30
12	TESTING JOINT FOR GI LIGHTNING STRIP				-
	Providing and fixing testing joint, made of 20mm x 3mm thick, GI strip, 125mm long, with 4 nos. of GI bolts, nuts, check nuts and spring washers etc. complete as required.	each	10	78.12	781.20
13	GI EARTH TAPE FOR LIGHTNING CONDUCTOR				-
	Providing and laying GI tape, 32mm x 6mm thick, from earth electrode directly in ground as required.	metre	10	170.93	1,709.30
14	LAYING OF CU / GI EARTH TAPE				-
	Laying of copper / GI tape, 32mm x 6mm thick, from earth electrode directly in ground as required.	metre	10	38.62	386.20
15	BELOW SIZE GI STRIP BELOW GROUND LEVEL				-
	Supplying and laying below given GI strip at 0.50 m below ground level ---25 mm x 6 mm	metre	20	131.36	2,627.20
16	SUPPLY & FIXING OF GI STRIP IN GI PIPE				-

	Providing and fixing 25 mm x 5 mm GI strip in 40 mm GI pipe from earth electrode as required.	metre	10	398.97	3,989.70
17	SUPPLY & LAYING OF GI WIRE IN GI PIPE				-
	Providing and laying earth connections from earth electrode with 6 SWG GI wire in 15 mm dia GI pipe from earth electrode as required.	metre	20	143.25	2,865.00
18	PROVIDING AND FIXING OF GI WIRE				-
	Providing and fixing 6 SWG GI wire on surface or in recess for loop earthing as required.	metre	10	82.11	821.10
19	SUPPLY & FIXING OF CU STRIP EARTH BUS				-
	Providing and fixing 50 mm x 5 mm copper strip on surface for earth bus for connections as required.	metre	3	1,323.93	3,971.79
20	Laying of Rubber Mats				-
	Laying of 12 mm or above thick rubber floor mats suitable for working on equipment upto 33 KV working voltage incl. Cutting the rubber mats to shape and size as required. Job complete in all respect with labour and transportation from store to site and as per directions of Engineer-in-charge, excluding the supply of rubber floor mats.	Sqmeter	100	42.28	4,228.00
E	Switchyard				
9	FILTRATION OF TRANSFORMER OIL: Filtration of transformer oil by stream line filter machine provided by the contractor for improving the insulation strength of oil to the required strength as per pacification given below (excluding the supply of oil. a) Filtration of transformer oil till desired bdv is attained as per is. b) Topping up of oil. c) Releasing all the air from air release plug & bucholz relay. d) To and fro transportation of filter machine and equipments.	Ltr	10000.1	13.19	1,31,901.32

39	Daily Heathlyness Checking of electrical system , it includes checking of ELCB, visual inspection of Cable, gland, lug, JB, Box, Welding Sockets etc. during Shutdown/Normal maintenance.		1000	51.97	51,970.00
Part A - Total Value (Excluding Taxes)					44,57,818.23

Annexure-VII - (Part B) - HURL Barauni Electrical Rate contract Activites List					
Sl.	Item Description	Unit	Qty	Rate	Amount(In RS)
A	MOTORS				
1	Preventive MAINTENANCE OF LV (415V) MOTORS Preventive maintenance of LV motor (As per PM Checklist).Job shall include opening of cable termination box, Motor TB Gasket inspection and replacement if required, Motor body and MTB cleaning, RLC measurement of Motor and meggering of Motor and its Power cable.Power Cable tightness checks and sealing ,Motor space heater healthiness checking and correction , Earthing Cable connection checking and correction , box up cable termination box , providing any small missing/damaged hardwares like nuts, bolts etc.Opening of Motor Fan cover,cleaning and inspection and then closing the cover,cleaning of grease point area, Inspection and Cleaning, tightness of Cables at Motor Juntion Box, Maintenance of Local control station (LCS). Labour, lifting equipment, tools and takle, material and consumables , required for completion of job as per EIC instruction ,are in bidders scope.				
1.1	Motor rating up to $\leq 1.5\text{kW}$	Each	542	238.36	1,29,191.12
1.2	Motor rating from $1.5\text{kW} < \text{to} \leq 7.5\text{kW}$	Each	535	254.78	1,36,307.30
1.3	Motor rating from $7.5\text{kW} < \text{to} \leq 30\text{kW}$	Each	350	270.70	94,745.00
1.4	Motor rating from $30\text{kW} < \text{to} \leq 45\text{kW}$	Each	60	318.48	19,108.80
1.5	Motor rating from $45\text{kW} < \text{to} \leq 75\text{kW}$	Each	60		

				515.63	30,937.80
1.6	Motor rating from 75kW < to ≤ 90kW	Each	24	573.26	13,758.24
1.7	Motor rating from 90kW < to ≤ 200kW	Each	52	796.18	41,401.36
2	BREAKDOWN MAINTENANCE OF LV MOTOR Job shall include opening of cable termination box, cleaning, Checking healthiness of Motor and its cable, Meggering and RLC checking. Relugging of power and control cables if required. Replacement of Motor TB if required, Check for any type of jamming of motor shaft, Checking motor feeder healthiness, feeder module checking and fault rectification, outgoing cable healthiness checking, cable relugging, if required and checking of LCS healthiness. Labour, tools and tackle, material and consumables, required for completion of job as per EIC, are in bidders scope.				
2.1	Motor rating up to ≤1.5kW	Each	25	636.95	15,923.75
2.2	Motor rating from 1.5kW < to ≤ 7.5kW	Each	25	796.18	19,904.50
2.3	Motor rating from 7.5kW < to ≤ 30kW	Each	14	909.93	12,739.02
2.4	Motor rating from 30kW < to ≤ 45kW	Each	5	909.93	4,549.65
2.5	Motor rating from 45kW < to ≤ 75kW	Each	5	1,751.61	8,758.05
2.6	Motor rating from 75kW < to ≤ 90kW	Each	5	2,123.17	10,615.85
2.7	Motor rating from 90kW < to ≤ 200kW	Each	5	1,213.24	6,066.20
3	INSTALLATION OR REMOVAL OF LV MOTOR Installation or removal of LV motor (including Cable Connection or Disconnection, Installation or Removal from foundation) Labour, lifting equipment, tools and tackle, material and consumables, required for completion of job as per EIC instruction, are in bidders scope.				
3.1	Motor rating up to ≤1.5kW	Each	25		

				955.43	23,885.75
3.2	Motor rating from 1.5kW < to ≤ 7.5kW	Each	25	1,433.13	35,828.25
3.3	Motor rating from 7.5kW < to ≤ 30kW	Each	14	1,668.20	23,354.80
3.4	Motor rating from 30kW < to ≤ 45kW	Each	1	1,819.86	1,819.86
3.5	Motor rating from 45kW < to ≤ 75kW	Each	3	2,070.09	6,210.27
3.6	Motor rating from 75kW < to ≤ 90kW	Each	2	2,229.33	4,458.66
3.7	Motor rating from 90kW < to ≤ 200kW	Each	2	3,033.10	6,066.20
4	MAINTENANCE OF DC MOTORS Job shall include opening of cable termination box, Motor TB Gasket inspection and replacement if required, Motor body and MTB cleaning, RLC measurement of Motor and meggering of Motor and its Power cable . Power Cable tightness checks, sealing if required, Motor space heater healthiness checking and correction if required, Earthing Cable connection checking and correction if required bolting back the cable termination box , providing any small missing/damaged hardwares like nuts, bolts etc. Opening of Motor Fan cover, cleaning and inspection and then closing the cover, cleaning of grease point area, Maintenance of Local control station (LCS). Labour, lifting equipment, tools and tackle, material and consumables , required for completion of job as per EIC ,are in bidders scope.				
4.1	Motor rating up to ≤ 90kW	No	1	796.18	796.18
5	BREAKDOWN MAINTENANCE OF DC MOTOR Job shall include opening of cable termination box, cleaning, Checking healthiness of Motor and its cable, Meggering and RLC checking. Relugging if required. Check for any Motor jamming, Checking motor feeder and fault rectification, Panel healthiness checking and fault rectification				

	,feeder module checking and outgoing cable healthiness checking,cable relugging if required and checking of LCS healthiness . Labour, lifting equipment, tools and tackle, material and consumables , required for completion of job as per EIC ,are in bidders scope.				
5.1	Motor rating up to $\leq 90\text{kW}$	Each	1	1,114.66	1,114.66
6	INSTALLTION OR REMOVAL OF DC MOTOR Installation or removal of DC motor (including Cable Connection or Disconnection, Installation or Removal from foundation) Labour, lifting equipment, tools and tackle, material and consumables , required for completion of job as per EIC ,are in bidders scope.				
6.1	Motor rating up to $\leq 90\text{kW}$	Each	1	2,070.09	2,070.09
7	MAINTENANCE OF HV (11kV) MOTORS Preventive maintenance of HV motor (As per PM Checklist)Job shall include opening of cable termination box, Neutral TB, Gasket inspection and replacement if required,Motor body and MTB cleaning, RLC measurement of Motor and meggering of Motor and its Power cable .Power Cable tightness checks, sealing if required,Motor space heater and RTD healthiness checking and correction if required,Earthing strip/Cable connection checking and correction if required, bolting back the cable termination box , providing any small missing/damaged hardwares like nuts, bolts etc.Opening of Motor Fan cover,cleaning and inspection and then closing the cover,cleaning of grease point area,Maintenance of Local control station (LCS). Labour, lifting equipment, tools and tackle, material and consumables , required for completion of job as per EIC ,are in bidders scope.				
7.1	Motor rating up to $\leq 3000\text{kW}$	Each	38	1,114.66	42,357.08

10	MAINTENANCE OF MV (3.3kV) MOTORS Preventive maintenance of HV motor (As per PM Checklist)Job shall include opening of cable termination box, Neutral TB, Gasket inspection and replacement if required, Motor body and MTB cleaning, RLC measurement of Motor and meggering of Motor and its Power cable .Power Cable tightness checks, sealing if required, Motor space heater and RTD healthiness checking and correction if required, Earthing strip/Cable connection checking and correction if required, bolting back the cable termination box , providing any small missing/damaged hardwares like nuts, bolts etc. Opening of Motor Fan cover, cleaning and inspection and then closing the cover, cleaning of grease point area, Maintenance of Local control station (LCS). Labour, lifting equipment, tools and tackle, material and consumables , required for completion of job as per EIC ,are in bidders scope.				
10.1	Motor rating up to $\leq 1000\text{kW}$	Each	42	955.43	40,128.06
11	BEARING REPLACEMENT OF LV/HV MOTOR Opening of DE & NDE end cover, Bearing housing, fan cover, removal of cooling fan and bearing of DE, NDE. Cleaning of motor shaft, end cover and Bearing Housing. Fixing of DE & NDE bearing , bearing housing, oil seal, end cover. Packing back motor by installing fan and fan cover. Taking no load trial and measuring vibration after successful bearing replacement. Labour, lifting equipment, tools and tackle, material (Except Bearing) and consumables , required for completion of job as per EIC ,are in bidders scope. Bearing is in scope of HURL.				
11.1	Motor rating up to $\leq 1.5\text{kW}$	Each	16	796.19	12,739.04
11.2	Motor rating from $1.5\text{kW} < \text{to} \leq 7.5\text{kW}$	Each	16	955.43	15,286.88
11.3	Motor rating from $7.5\text{kW} < \text{to} \leq 30\text{kW}$	Each	10	1,114.66	11,146.60

11.4	Motor rating from 30kW < to ≤ 45kW	Each	1	1,152.58	1,152.58
11.5	Motor rating from 45kW < to ≤ 75kW	Each	2	1,213.24	2,426.48
11.6	Motor rating from 75kW < to ≤ 90kW	Each	1	1,751.61	1,751.61
11.7	Motor rating from 90kW < to ≤ 200kW	Each	2	2,229.33	4,458.66
14	GREASING LT MOTORS Job scope shall include filling of grease gun with appropriate grease from designated location, proper greasing the motor DE and NDE bearing, cleaning of waste grease and collecting the waste grease at proper segregated container. Labour, lifting equipment, tools and tackle, material and consumables, required for completion of job as per direction of EIC, are in bidders scope. Motor specific grease will be free issue by HURL.				
14.1	Motor rating from 30kW < to ≤ 45kW	Each	92	166.82	15,347.44
14.2	Motor rating from 45kW < to ≤ 75kW	Each	116	166.82	19,351.12
14.3	Motor rating from 75kW < to ≤ 90kW	Each	48	191.09	9,172.32
14.4	Motor rating from 90kW < to ≤ 200kW	Each	104	191.09	19,873.36
15	GREASING 3.3kV MOTORS Job scope shall include filling of grease gun with appropriate grease from designated location, proper greasing the motor DE and NDE bearing, cleaning of waste grease and collecting the waste grease at proper segregated container. Labour, lifting equipment, tools and tackle, material and consumables, required for completion of job as per direction of EIC, are in bidders scope. Motor specific grease will be free issue by HURL.	Each	84	254.78	21,401.52
16	GREASING 11kV MOTORS Job scope shall include filling of grease gun with appropriate grease from designated location, proper greasing the motor DE and NDE bearing, cleaning of waste grease and collecting the waste grease at proper segregated container. Labour, lifting equipment, tools and tackle, material and	Each	76	286.63	21,783.88

	consumables , required for completion of job as per direction of EIC ,are in bidders scope. Motor specific grease will be free issue by HURL.				
18	MOV ACTUATOR MAINTENANCE Preventive Maintenance of motor operated Valve actuators.Job scope includes cleaning Actuator body,Power & control TB inspection,looseness checking and tightness if required,relugging if required.Motor IR checking,Torque and limit setting checking & correction if required,earthing cable checking and correction if required,Electronic card replacement as per instructions of SIC. Labour, lifting equipment, tools and tackle, material and consumables, including greas , required for completion of job as per direction of EIC ,are in bidders scope.				-
18.1	Servicing of electrical Actuator (up to ≤1.5kW)	Each	8	477.71	3,821.68
18.2	Servicing of electrical Actuator (1.5 to 7.5KW rating).	Each	2	573.26	1,146.52
18.3	Servicing of electrical Actuator (Above7.5KW rating).	Each	8	700.64	5,605.12
18.4	Re-commissioning of electrical Actuator (upto 1.5KW rating)	Each	8	700.64	5,605.12
18.5	Re-commissioning of electrical Actuator (Above 1.5 rating).	Each	8	796.18	6,369.44
18.6	Shifting & Reinstallation of Actuator upto 7.5 KW.	Each	8	1,114.66	8,917.28
19	SYNCHRONOUS GENERATOR MAINTENANCE				
	Generator and its accessories Preventive maintenace as per PM Checklist/Best Maintenance Practices.Job scope shall include LACT cubicle cleaningv& tightness,NGT Cleaning and Tightness checking, Rotor Shaft Carbon brush checking and replacement if required,IR checking of Main stator,PMG and excitors.Excitor Diode checking if required,Space heater checking ,Oil cleaning ,RTD resistance				

	measurement,heat detectors checking ,removal & installation after calibration as per the instructions of EIC. Labour, tools and takle, material and consumables , required for completion of job as per direction of EIC ,are in bidders scope.				
19.1	Preventive Maintenance Generator System.	Each	2	1,516.55	3,033.10
19.2	Prevective maintenance of Generator Excitation System.	Each	2	758.27	1,516.54
19.3	Prevective maintenance of Generator system control panels (GRP, Transducer Panel, Metering panel, PD system, AVR panel, GTRP, UTRP).	Each	2	909.93	1,819.86
19.4	Generator Shaft earthing maintenance and shaft voltage measurement.	Each	2	151.65	303.30
19.5	Preventive maintenance of Generator circuit breaker and LCP.	Each	2	1,061.58	2,123.16
19.6	Maintenance of Generator LAVT system.	Each	2	909.93	1,819.86
19.7	Preventive maintenance Generator NGT system.	Each	2	758.27	1,516.54
20	Remove,terminate Pwr&Ctrl Cable HT motor Power & control cable removal and termination for HT motors, Removal and refxing of Gland from Glad Plate. (1 No. equal to one disconnection and termination). Labour, tools and takle, material and consumables , required for completion of job are as per direction of EIC and are in bidders scope.		4	1,668.20	6,672.80
21	Remove,terminate Pwr&Ctrl Cable LT motor Power & control cable removal and termination for HT motors, Removal and refxing of Gland from Glad Plate. (1 No. equal to one disconnection and termination). Labour, tools and takle, material and consumables , required for completion of job are as per direction of EIC and are in bidders scope.		8	970.59	7,764.72
B	SWITCHGEARS				

2	<p>Preventive Maintenance of 11KV Motor feeder/Outgoing feeder/Transformer feeder.</p> <p>Preventive Maintenance of VCB (Vacuum circuit breaker) of HV (11 kV) feeders/ICOG Panel (As per PM checklist) and its power cable chamber. Job shall include racking out the breaker, cleaning of the VCB Parts, tightness check of insulators, breaker auxiliary contacts, all loose connection (power & control) checking and tightening as required, ON-OFF, TRIP Operation checking & necessary rectification as required. RL2 coil checking, IR Value checking by 5kV Megger & contact resistance measurement, Petroleum jelly / greasing, Control compartment checking and cable tightness, Contactor / relay / Other eqps. replacement if required, recording in the register/checksheet, Space heater Checking and Tightness, Solenoid coil checkign and tightnesss, Opening cable chamber portion and checking tightness, applying HT/LT tape if required, CBCT Checkign and tightness, boxup of cable chamber portion, packing of holes if found any. Labour, tools and takle, consumables required for completion of job, as per direction of Engineer-in-Charge, are in scope of bidder.</p>		76	303.31	23,051.56
3	<p>Restore HT feeder post fail/Flashover</p> <p>Restoration of HT feeders after flashover/fail. Jobs include Opening of Cable chamber, breaker chamber, top cover of panel. Cleanning of busbar, insulator, CT, PT, Breaker, cables. Replacement of Faulty part with new one, replacement of burned control wiring with fresh wires, Checking Faults in control circuit and its repair, all complete with Manpower, tools and takles, and as per instruction of EIC.</p>		10	1,910.85	19,108.50

5	<p>Preventive Maintenance of 3.3 KV Motor feeder/Outgoing feeder/Transformer feeder.</p> <p>Preventive Maintenance of VCB (Vacuum circuit breaker) of HV (3.3 kV) feeders/ICOG Panel (As per PM checklist) and its power cable chamber. Job shall include racking out the breaker, cleaning of the VCB Parts, tightness check of insulators, breaker auxiliary contacts, all loose connection (power & control) checking and tightening as required, ON-OFF, TRIP Operation checking & necessary rectification as required. RL2 coil checking ,IR Value checking by 5kV Megger & contact resistance measurement, Petroleum jelly / greasing, Control compartment checking and cable tightness, Contactor / relay / Other eqps. replacement if required, recording in the register/checksheet , Space heater Checking and Tightness, Solenoid coil checkign and tightnesss, Opening cable chamber portion and checking tightness, applying HT/LT tape if required , CBCT Checkign and tightness, boxup of cable chamber portion , packing of holes if found any. Labour, tools and takle, ladder, consumables required for completion of job, as per direction of Engineer-in-Charge, are in scope of bidder.</p>	Each	42	303.31	12,739.02
7	<p>Preventive Maintenance Of LT Motor Feeder with LPBS Preventive Maintenance of LV (415V) feeders (As per PM checklist). Job scope shall include Racking out of Circuit Breaker/ drwaout type moudule/SFU/FUSE ,Check for freeness of rack-in and rack-out mechanism and observe for wear and tear. Panel thorough checking/cleaning, Cable termination checking/tightening. Checking of ON, OFF, TRIP & Spring charge operation both electrically and mechanically & rectification, INOUT movement to be checked and lubricant to be provided if required, loose connection both power & control to be checked and tightened as required, contacts point are to be</p>				-

	checked/cleaned, indication lamps to be checked/replaced as required, any other damaged spare to be replaced,Inspect of signs of overheating on current carrying & insulating components (contact jaws, cradle terminals & terminal support) .Replacement of Faulty parts..Carry out insulation resistance test with 500 V Megger post maintenance and record the value.Labour, lifting equipment, tools and takle, material and consumables , required for completion of job as per EIC instruction ,are in bidders scope.				
7.1	PM Motor feeder,LPB station <1.5kW	Number	540	222.94	1,20,387.60
7.2	PM Motor feeder,LPB station >1.5-7.5kW	Number	538	254.78	1,37,071.64
7.3	PM Motor feeder,LPB station >7.5-30kW	Number	330	270.70	89,331.00
7.4	PM Motor feeder,LPB station >30-45kW	Number	46	286.63	13,184.98
7.5	PM Motor feeder, LPB station >45-75kW	Number	58	350.32	20,318.56
7.6	PM Motor feeder,LPB station >75-90kW	Number	24	382.17	9,172.08
7.7	PM Motor feeder,LPB station >90KW to 200kW	Number	52	909.93	47,316.36
13	PM of local electrical panel/Feeder Piller Job scope shall include cleaning and tightness of all power and control cables, relugging of cables if required,inspection of any overheating,replacement of any faulty components and lamps as required, all as per direction of EIC.	Each	126	270.70	34,108.20
16	CT/PT REPLACEMENT IN HT/LT SWITCHBOARDS Job scope shall include Opening of CT/PT Chamber/panel door,Cable disconnection ,old CT/PT removal and installation of new CT/PT with complete wiring,assistance for testing,Cable reconnection and putting back the panel door all as per instructions of SIC.	Each	10	796.18	7,961.80
E	Switchyard				-

1	SF6 gas filling in Breaker.	Each	5	859.88	4,299.40
2	Tightness Clmp,Jmpr,strctr,bolts syrd :- Clamps, Jumpers, equipment structure & foundation bolts tightness checking of all 132 kV switchyard equipment, tools and tackles , consumables required for job to be executed by CNTR as per the instruction of EIC.	No.	10	9,554.25	95,542.50
3	Attending oil leakage for CT, CVT syrd :- Attending oil leakage for CT, CVT of 132 kV Switchyard.	No.	10	1,050.97	10,509.70
4	Replacement CT/PT/ LA/ BPI/ syrd :- Replacement of CT/PT/ LA/ BPI of 132 kV Switchyard.	No.	2	2,547.80	5,095.60
5	Replacement of Breaker pole	No.	1	3,025.51	3,025.51
6	Cleaning of wild Grasses & Bushes at S/Y :- Cleaning of wild Grasses & Bushes in and around 132KV Switchyard	AU	6	4,777.13	28,662.78
7	PM of Relay/Metering/RTCC/ panels syrd Preventive maintenance of Relay panel / Metering panel / RTCC panels of 132 kV Switchyard.	No.	9	6,369.50	57,325.50
8	Shutdown maintenance syrd equipment Shutdown maintenance of 132kV switchyard equipment.	AU	1	30,255.14	30,255.14
10	Attend oil leak/filling/Filter TRF oil :- Attending oil leakages / assisting in oil filling .	No.	10	2,388.56	23,885.60
11	PM/Replace buch/prv/mog/osr/temp gug TRF:- Buchholz Relay / PRV / MOLG / MOG / Temperature guages / OSR maintenance/Replacment of OIL TYPE TRANSFORMER	No.	10	1,433.14	14,331.40
12	Breather maint/replacement of TRF:- Breather maintenance / replacement of OIL TYPE TRANSFORMER	No.	20	191.09	3,821.80
13	Maintenance of Transformer :- Maintenance of Transformer.	No.	80	2,229.33	1,78,346.40
14	PM of Lighting transformer Preventive maintenance of Lighting transformer.	No.	60	1,433.14	85,988.40
15	Transformer Oil testing	AU	10	509.56	5,095.60
16	Removal and reconnection of Transformer	Each	6		

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page 69 of 71

	bushing jumper			796.19	4,777.14
17	Removal and reconnection of Transformer LV Side Cable	Each	6	2,866.28	17,197.68
18	Maintenance of OLTC of Transformer	Each	2	1,592.38	3,184.76
19	Lighting arrester maintenance 132KV switchyard	No.	12	382.17	4,586.04
20	Cutting in running meters	Meter	50	30.33	1,516.50
21	Welding in running meters	Meter	50	197.15	9,857.50
22	PM Ele Hoist/Crane upto 3Ton	No.	5	1,061.58	5,307.90
23	PM Ele Hoist/Crane upto 3#10Ton	No.	5	1,152.58	5,762.90
24	PM Ele Hoist/Crane upto 10#15Ton	No.	5	1,273.90	6,369.50
25	PM Ele Hoist/Crane upto 30Ton and above	No.	5	1,364.89	6,824.45
26	Troubleshoot Ele Hoist/Crane upto 3Ton	No.	5	1,061.58	5,307.90
27	Troubleshoot Ele Hoist/Crane 3.1#10Ton	No.	5	1,152.58	5,762.90
28	Troubleshoot Ele Hoist/Crane 10.1# 15Ton	No.	5	1,273.90	6,369.50
29	Troubleshoot Ele Hoist/Crane >30Ton	No.	5	1,364.89	6,824.45
30	Maintenance of LV NSPBD (0.415KV), Scaffolding material with manpower is in scope of bidder.	No.	10	6,672.81	66,728.10
31	Extra manday unforeseen jobs Electrician: Extra mandays for unforeseen jobs as and when required. Requirement of Electrician.	Hour	50	45.50	2,275.00
32	Extra manday unforeseen jobs Helper : Extra mandays for unforeseen jobs as and when required. Requirement of Helper.	Hour	50	28.81	1,440.50
33	Extra manday unforsn jobs Welder: Extra mandays for unforcing jobs as and when required. Requirement of Welder.	Hour	50	40.95	2,047.50
34	Extra manday unforsn jobs Rigger: Extra mandays for unforcing jobs as and when required. Requirement of Rigger.	Hour	50	36.40	1,820.00
35	Extra manday unforsn job Fitr/Cutr/Grndr: Extra mandays for unforcing jobs as and when required. Requirement of Fitter/Cutter/Grinder.	Hour	50	40.95	2,047.50

BIDDER SIGN AND STAMP

HURL/BR/CC/22-23/75/SCC/Sec-V

Page **70** of **71**

36	Facilitation to other department for lighting and welding connections as and when required	No	100	106.16	10,616.00
37	Maintenance of Earth Pit as per PM Check List, supply of salt, water, rusted Nut, bolt washer are in scope of bidder.	Numbers	150	382.17	57,325.50
38	Earth Pit value checking and updation of pit value by painting/writing as per prescribed formate , approved by EIC.	Numbers	150	254.78	38,217.00
Part B - Total Value (Excluding Taxes)					22,98,125.88

HINDUSTAN URVARAK & RASAYAN LIMITED
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

BARAUNI UNIT

Barauni Urvarak Nagar, Begusarai

P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115

[Registered Office SCOPE Minar, Core 4, 9TH Floor, Laxmi Nagar District Center, Delhi-110092]



SECTION – VI

FORMS AND PROCEDURES (NIT)

INDEX

Annexure	Description
1	Techno-Commercial Proposal Bid Form
2	Format for Electronics Payment
3	Tender Acceptance Letter & Letter of authorization to submit bid
4	No deviation Certificate
5	Certificate from CEO/MD/ Legally Authorised Signatory
6	Acceptance to Fraud Prevention Policy of HURL
7	Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India
8	Format of Bank Guarantee for Bid Security
9	Format of Performance Bank Guarantee
10	Bank Guarantee Verification Checklist
11	Format for Contract Agreement
12	Work orders subject to tender for qualification
13	Bid Security Declaration Form
14	Self-Certification under Preference to “MAKE IN INDIA” Policy.

TECHNO-COMMERCIAL PROPOSAL BID FORM

(To be Submitted on the Letter Head of Bidder)

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

Bidder's Name & Address :

Date:

Person to be contacted :

Designation :

Tel. No(s). :

Mobile No. :

Fax No(s). :

E-mail address:

To

Manager (C&M),
HURL Admin Building Office,
Hindustan Urvarak & Rasayan Limited, Barauni,
(A JV of CIL, NTPC, IOCL, FCIL & HFCL)
P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115.

Dear Sirs,

- 1.0 Having examined the Bidding Documents bearing No. HURL/HQ/CS134 dated 03.09.2021 including its subsequent amendments and clarifications, if any, issued by Owner, the receipt of which is hereby acknowledged, we the undersigned, offer to complete the work under the above-named Package in full conformity with the said Bidding Documents and hereby furnish our Techno-Commercial Proposal.
- 2.0 We have understood the instructions and the terms & conditions mentioned in the Bidding Documents furnished by you and have thoroughly examined the specifications laid down by you in the Bidding Documents and are fully aware of the nature of consultancy services required.

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

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

Sr. No	Description
1	Power of Attorney as per requirement mentioned in NIT.
2	Signed, Stamped and Scanned copy of proof for payment of Earnest Money Deposit (EMD) / MSE Certificate for exemption.
3	Signed, Stamped and Scanned copy of Certificates like Registration certificate, GST No, PAN No, PF etc.
4	Signed, Stamped and Scanned copy of Format for Electronics Payment (Enclosed as Annexure-2 to Forms and Procedures i.e., Section VI)
5	Signed, Stamped and Scanned copy of Tender Acceptance Letter (Enclosed as Annexure-3 to Forms and Procedures i.e., Section VI)
6	Documents as required in accordance with Qualifying Requirements / Pre-Qualification Criteria (PQC) i.e., <u>Clause 6</u> of NIT
7	Signed, Stamped and Scanned copy of No deviation Certificate (Enclosed as Annexure-4 to Forms and Procedures i.e., Section VI)
8	Signed, Stamped and Scanned copy of Certificate from CEO/MD/ Legally Authorised Signatory, in the format as enclosed as Annexure-5 to Forms and Procedures i.e., Section VI) to Bidding Document shall be furnished certifying that the data and documents furnished by them in respect of Techno-Commercial Evaluation are true and correct including the contents thereof. However, if at any point of time the declarations given in bid are found to be incorrect, HURL shall have the full right to terminate the contract and take any action as per provisions of contract including forfeiture of EMD/Security Deposit.
9	Acceptance to Fraud Prevention Policy of HURL, for which the bidder has to submit Signed, Stamped and Scanned copy of Form of Acceptance of Fraud Prevention Policy of HURL. (Enclosed as Annexure-6 to Forms and Procedures i.e., Section VI).
10	Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India” i.e. (Enclosed as Annexure-7 to Forms and Procedures i.e., Section VI).
11	Declaration of GST
12	Any Other Document asked for in the Bidding Document

3.0 COMPLIANCE TO THE PROVISIONS OF THE BIDDING DOCUMENTS

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

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

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

3.2 We further declare that additional conditions, variations, deviations, if any, found in the bid, shall not be given effect to.

4.0 We undertake, if our bid is accepted, to commence the work immediately upon your Notification of Award to us.

5.0 We agree to abide by this bid for a **period 180 days** from the date of opening of Techno-Commercial bids as stipulated in the Bidding Documents and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

6.0 Until a formal Contract Agreement is prepared and executed between us, the bids, together with your written acceptance thereof in the form of your Notification of Award shall constitute a binding contract between us.

7.0 We understand that you are not bound to accept our bid or any other bid you may receive.

8.0 We, hereby, declare that only the persons or firms interested in this proposal as principals are named here and that no other persons or firms other than those mentioned herein have any interest in this proposal or in the Contract to be entered into, if the award is made on us, that this proposal is made without any connection with any other person, firm or party likewise submitting a proposal, is in all respects for and in good faith, without collusion or fraud.

9.0 We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

10.0 We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Dated this. ____ day of ____

Thanking you,

Yours faithfully,

Date : ____

Place : ____

(authorised signatory Name).

(Designation)

Company Seal

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

Authorized signatory of the bidder

Name

Designation

Date

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

Date:

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No:

Name of Tender / Work: -

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:
as per your advertisement, given in the above-mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. 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 do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. 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)

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

1. With reference to our Bid Proposal No. dated For ...(Name of Package to be mentioned)....., we hereby confirm that we comply with all terms, conditions and specifications of the Bidding Documents read in conjunction with Amendments(s) / Clarification(s) / Addenda / Errata (if any) issued by the Owner prior to opening of Techno – Commercial Bids and the same has been taken into consideration while making our Techno – Commercial Bid & Financial Bid and we declare that we have not taken any deviation / exceptions in this regard.

2. We further confirm that any deviation variation or additional conditions etc. or any mention, contrary to the Bidding Documents and its Amendments(s) / Clarification(s) / Addenda / Errata (if any) as mentioned at 1.0 above found anywhere in our Techno – Commercial Bid and / or Financial Bid, implicit or explicit, shall stand unconditionally withdrawn, without any cost implication whatsoever to the Owner, failing which the Bid Security shall be forfeited.

Yours faithfully,
(Signature)

Date: Name & Designation.....

Place: Name of the Company.....

(Seal of Company)

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

Ref.

: Date:

To
 Manager (C&M),
 HURL Admin Building Office,
 Hindustan Urvarak & Rasayan Limited, Barauni,
 (A JV of CIL, NTPC, IOCL, FCIL & HFCL)
 P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115.
 Sub:

Bidding Doc. No.

Dear Sir,

I, Mr. (CEO of the company / MD of the company/ Authorized Signatory), 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)

(FORM OF ACCEPTANCE OF FRAUD PREVENTION POLICY OF HURL)

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

Ref. :

Date:

To
 Manager (C&M),
 HURL Admin Building Office,
 Hindustan Urvarak & Rasayan Limited, Barauni,
 (A JV of CIL, NTPC, IOCL, FCIL & HFCL)
 P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115.

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

Bidding Doc. No.

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

 Date : (Signature of Authorized Signatory)

Place : (Printed Name)

(Designation).....

(Company Seal)

Model Certificate For Tenders For Works involving possibility of sub-contracting
(TO BE SUBMITTED BY AUTHORISED SIGNATORY OF THE BIDDING COMPANY
ON BIDDERS LETTER HEAD IN ORIGINAL)

Bid Ref No. :

Bidder's Name and Address:

To,
Manager (C&M),
HURL Admin Building Office,
Hindustan Urvarak & Rasayan Limited, Barauni,
(A JV of CIL, NTPC, IOCL, FCIL & HFCL)
P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115.

Dear Sir,

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

Yours faithfully,

(Signature)

Date
Place

Name & Designation.....
Name of the Company.....
(Seal of Company)

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

Bid Security Form

Bank Guarantee

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

Bank Guarantee No...

Date...

To:

Manager (C&M),
HURL Admin Building Office,
Hindustan Urvarak & Rasayan Limited, Barauni,
(A JV of CIL, NTPC, IOCL, FCIL & HFCL)
P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115.
Dear Sirs,

In accordance with Invitation for Bids under your Bid Document No....., M/s having its Registered / Head Office at.....(hereinafter called the 'Bidder') wish to participate in the said bid for [Name of Package] ...

As an irrevocable bank guarantee against Bid Security for an amount of
(*) . valid for..... days from ..(**).... required to be submitted by the Bidder as a condition precedent for participation in the said bid which amount is liable to be forfeited on the happening of any contingencies mentioned in the Bidding Documents.

We, the ... [Name & address of the Bank] ...having our Head Office at ... (#) ...
guarantee and undertake to pay immediately on demand by..... .[Name of the
Owner] (hereinafter called the Owner)... the amount of ..(*)without any
reservation, protest, demand and recourse. Any such demand made by the 'Owner' shall be
conclusive and binding on us irrespective of any dispute or difference raised by the Bidder.

This Guarantee shall be irrevocable and shall remain valid upto(@).....
If any further extension of this guarantee is required, the same shall be extended to such
required period (not exceeding one year) on receiving instructions from M/s
[Bidder's Name] ... on whose behalf this guarantee is issued.

Notwithstanding anything contained herein:

1. Our liability under this bank guarantee shall not exceed [Bid security amount]

2. This bank guarantee shall be valid up to [expiry date]

3. We are liable to pay the guaranteed amount or any part under this bank guarantee only and only if you serve upon us a written claim or demand on or before [claim expiry date of guarantee]”.

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

(Signature)
(Name)
(Designation with Bank Stamp)

Authorized Vide Power of Attorney No...

Date...

NOTE:

1. (*) The amount shall be as specified in the Bid Data Sheets.
(**) This shall be the date of opening of Techno-commercial bids.
(#) Complete mailing address of the Head Office of the Bank to be given.
(@) This date shall be forty-five (45) days after the last date of bid validity.
2. The Bank Guarantee shall be from a Bank as per relevant provisions of ITC clause of the Bidding Documents.
3. The Stamp Paper of appropriate value shall be purchased in the name of Bidder/Bank issuing the Guarantee.
4. While getting the Bank Guarantee issued, Bidders are required to ensure compliance to the points mentioned in relevant Form of Bank Guarantee Verification Check List enclosed in Section-VII of bidding document. Further, Bidders are required to fill up this Form and enclose the same with the Bank Guarantee.
5. HURL Bank details required for the purpose of issuance of Bank Guarantee are

Bank: SBI
Current account no 37880422277,
IFSC Code- SBIN0004803.

Performance Security Form

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

Bank Guarantee No.....

Date.....

To,

Manager (C&M),
HURL Admin Building Office,
Hindustan Urvarak & Rasayan Limited, Barauni,
(A JV of CIL, NTPC, IOCL, FCIL & HFCL)
P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115.

Dear Sirs,

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

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

The Owner shall have the fullest liberty, without affecting in any way the liability of the Bank under this guarantee, from time to time to extend the time for performance of the Contract by the Bidder. The Owner shall have the fullest liberty, without affecting this guarantee, to postpone

from time to time the exercise of any powers vested in them or of any right which they might have against the Bidder, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the Owner and the Bidder or any other course or remedy or security available to the Owner. The Bank shall not be released of its obligations under these presents by any exercise by the Owner of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the Owner or any other indulgence shown by the Owner or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank.

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

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

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

WITNESS :

..... (Signature).....
(Signature)

..... (Name).....
(Name)

..... (Official Address).....
(Official Address)

.....
(Designation with Bank Stamp)

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

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

(@) This date will be ninety (90) days beyond the completion date for consultancy work as specified in the Contract.

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

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

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

BANK GUARANTEE VERIFICATION CHECKLIST

1. Bank Guarantee No.
2. Issuing Bank
3. Amount of BG
4. Nature of BG & No. Pages
5. Validity of BG
6. Package Description
7. Party & Contracts Ref.
8. Bank Reference

CHECK LIST

S.No.	Details of Checks	Yes/No
a)	Is the BG on non-judicial stamp paper of appropriate value, as per Stamp Act?	
b)	Whether date, purpose of purchase of stamp paper and name of the purchaser are indicated on the back of stamp paper under the Signature of Stamp vendor? (The date of purchase of stamp paper should be not later than the date of execution of BG and the stamp paper should be purchased either in the name of the executing Bank or the Bidder on whose behalf the BG has been issued).	
c)	In case the BGs from Banks abroad, has the BG been executed on Letter Head of the Bank, whether adhesive Stamp of appropriate value has been affixed thereon.	
d)	Has the executing Officer of BG indicated his name, designation and Power of Attorney No. / Signing Power No. etc. on the BG?	
e)	Is each page of BG duly signed/initiated by	

executant and whether stamp of Bank is affixed thereon? Whether the last page is signed with full particulars including two witness under seal of Bank as required in the prescribed proforma?

- f) Does the Bank Guarantees compare verbatim with the Proforma prescribed in the Bid Documents?
- g) In case of any changes in contents of text, whether changes are of minor/clerical nature (which in no way limits the right of HURL in any manner)?
- h) In case of deviations in text of BG, which materially affect the right of Owner, whether the changes have been agreed based on the opinion by Legal Department or BG is considered acceptable on the basis of opinion of Law Department already available on the similar issue.
- i) Are the factual details such as Bid Document No./Specification No. / NOA / LOA / Contract No., Contract Price, Percentage of Advance, Amount of BG and Validity of BG correctly mentioned in the BG?
- j) Whether overwriting / cutting if any on the BG have been properly authenticated under signature & seal of executant?
- k) Whether the BG has been issued by a Bank in line with the provisions of Bidding / Contract Documents?
- l) In case BG has been issued by a Bank other than Scheduled / Commercial Bank recognised by Reserve Bank of India, is the BG confirmed by a Bank in India acceptable as per Bidding / Contract Documents?

Date : Signature.....

Place :

Printed Name of Authorized Person having Power of Attorney.

(Designation)

Note : The Bidder is required to fill up this form and enclose along with the Bank Guarantee.

ANNEXURE - 11

FORMAT OF CONTRACT AGREEMENT

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

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

BETWEEN

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

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

NOW IT IS HEREBY AGREED as follows:

ARTICLE 1. CONTRACT DOCUMENTS

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

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

1.2 Order of Precedence

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

1.3 Definitions

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

ARTICLE 2. CONTRACT PRICE AND PAYMENT TERMS

2.1 Contract Price

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

2.2 Payment Terms

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

ARTICLE 3. EFFECTIVE DATE FOR DETERMINING TIME FOR COMPLETION

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

ARTICLE 4. NON-ASSIGNABILITY

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

ARTICLE 5. GOVERNMENT OF INDIA NOT LIABLE

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

ARTICLE 6. Appendices

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

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

ARTICLE 7. NO LIABILITY ON DIRECTOR AND EMPLOYEE

No Director, employee, consultant or agent of the OWNER or other person representing the OWNER or acting on behalf of the OWNER in or pursuant to the Contract or in the discharge of any obligation to the OWNER under the Contract or otherwise in relation to the Contract shall have any personal liability to the CONTRACTOR or any Sub-Contractor, agent, representative, director or employee of the CONTRACTOR or to any other person acting for or on behalf of the CONTRACTOR and the CONTRACTOR on its own behalf and on behalf of its Sub Contractors, directors, employees, agents and representatives hereby waives and disclaims any and all right of action which it or they may have whether under tort or Contract or otherwise against the OWNER or any director, employee, agent, consultant or representative of the OWNER for act of omission or commission done or omitted to be done.

ARTICLE 8. WAIVER

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

ARTICLE 9. LANGUAGE OF CONTRACT AND COMMUNICATION

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

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

Signed by for and on behalf of the Owner

[Signature]

[Title]

in the presence of

Signed by for and on behalf of the Bidder

[Signature]

[Title]

in the presence of _____

CONTRACT AGREEMENT

dated the _____ day of _____, 20_____

BETWEEN

["the Owner"]

and

["the Bidder"]

Annexure-12

Work orders subject to tender for qualification

To, HURL Barauni, Begusarai, Bihar-851115.						Date:	
Tender No:							
Work of the subject tender							
Bidder's Name							
In order to meet the Qualifying Requirement of above tender No., we submit as under:							
Summary of Details & Documents in Support of PQC							
	Details of Annual Turn Over for the preceding three years.	Financial Year			Turnover (Rs.)		
		Average Annual Turnover for the preceding three (3) financial years					
S.N	Description of Work	Work Order No. & Date	Work Order Value (Rs.)	Completion Certi. No.	Completion Certi. Date	Actual Date of Completion	Actual Executed Value (Rs.)

--	--	--	--	--	--	--	--

Note: Bidder must submit all requisite documents mentioned above in support of their meeting the PQC requirement. Bidder will be given only one opportunity with fixed deadline to submit any short fall documents/clarification mentioned in Annexure-12 related to work order/purchase order (if required). No work order copies other than mentioned above will be accepted for PQC, technical and financial evaluation at stage of tender evaluation and shortfall query/clarification. Bidder shall clearly mention the details in above table in line with the supporting documents and any vague reply like “attached” / “as per supporting” etc. written in above form such bids shall be liable to reject.

Yours Faithfully,
(Signature of the Bidder with Official Seal)

Bid Security Declaration Form

(On Bidders Letter Head)

To,
Manager (C&M),
HURL Admin Building Office,
Hindustan Urvarak & Rasayan Limited, Barauni,
(A JV of CIL, NTPC, IOCL, FCIL & HFCL)
P.O: Barauni, Distt: Begusarai (Bihar), Pin: 851115.

Sub: Bid Security Declaration Form

Tender Reference No: -

Name of Tender/Work: -

Dear Sir,

I/We. The undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.
2. I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We:
 - a. have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
 - b. Having been notified of the acceptance of our Bid by the purchaser during the period of Bid Validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.
3. I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) if I am/ we are not the successful bidder, the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid or any extension thereof.

Signed:

(Insert signature of person whose name and capacity are shown)

in the capacity of

(Insert legal capacity of person signing the Bid Securing Declaration)

Name:

(Insert complete name of person signing the Bid Securing Declaration)

Dated onday of(Insert date of signing)

Corporate Seal (where appropriate)

Note: To Be signed by person who is legally authorised as assigned in Power of Attorney. In case of a Joint venture, the Bid securing declaration must be in the name of all partners to the joint venture that submits the bid.

ANNEXURE-14

Self-Certification under Preference to “MAKE IN INDIA” Policy

CERTIFICATE

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017, as amended from time to time and as applicable on the date of submission of tender, we hereby certify that we M/s_____ (supplier name) are local supplier meeting the requirement of minimum Local content (50%) as defined in above orders for the material against Tender No_____

Details of location at which local value addition will be made is as follows:

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rule for which for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law. Seal and Signature of Authorized Signatory.

Seal and Signature of Authorized Signatory