

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 – I

NOTICE INVITING TENDER
(NIT)

TENDER : ANNUAL RATE CONTRACT (ARC) FOR OPERATION AND MAINTENANCE OF HVAC, PRESSURIZATION SYSTEM AND PACKAGE AIR CONDITIONERS AT HURL BARAUNI.

NIT NO. HURL/BR/CC/22-23/109



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

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

- 1.0 HURL (Hindustan Urvarak & Rasayan Limited), Barauni invites on-line bids from eligible Bidders fulfilling the Qualifying Requirements / Pre-Qualification Criteria (PQC) under Two Bid system for aforesaid package.

2.0 **Brief Details**

Published Date	Refer CPP Portal
Bid Document Download / Sale Start Date	Refer CPP Portal
Bid submission Start Date	Refer CPP Portal
Last Date and Time for Bid submission	Refer CPP Portal
Technical Bid Opening Date & Time	Refer CPP Portal
Earnest Money Deposit (EMD) in INR	INR 1,22,957.00/-
Pre-Bid Conference Date & Time (if any)	Refer CPP Portal
Last Query Date	Refer CPP Portal
Reverse Auction	Shall be intimated later

- 3.0 EMD/Bid Security shall be submitted online/ electronically by RTGS / NEFT in the account of HURL as mentioned below details by the stipulated bid submission closing date and time. The payment details of Bid security shall be submitted along with the bidding documents. Any bid without an acceptable Bid Security (if applicable) shall be treated as non-responsive by the employer and shall not be opened.

Name of the Bank : State Bank of India, Overseas Branch, NEW DELHI (17313)
Account Name : Hindustan Urvarak & Rasayan Limited
Account No. : 00000037880422277.
IFSC Code : SBIN0004803.

- 4.0 All UDYAM registered vendors -MSE Category are exempted from submission of tender fee & EMD. UDYAM REGISTRATION CERTIFICATE must be submitted online along with the bidding documents to avail the exemption from furnishing the EMD.

MSE bidders seeking benefits of MSE as specified in the Tender Documents, must submit Attested/Self attested copy of UDYAM certificates (as mentioned in clause 4.0 of ITB) failing which no benefit of MSE shall be extended.

- 5.0 A complete set of Bidding Documents may be downloaded by any interested from the e-tendering Site (<https://eprocure.gov.in/eprocure/app>).

Bidder who has downloaded the tender from the Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app>, shall not tamper/modify the tender document/form including downloaded price bid template in any manner. In case the same is found to be tampered/modified in any manner, bid will be completely rejected and EMD would be forfeited and Bidder is liable to be banned from doing business with HURL for a period of two years.



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

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

Intending Bidders are advised to visit CPPP website <https://eprocure.gov.in/eprocure/app> regularly till closing date of submission of tender for any corrigendum / addendum/ amendment.

Not more than one tender shall be submitted by one bidder/ bidder(s) having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e., when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

6.0 Qualifying Requirements / Pre-Qualification Criteria (PQC)

6.1 Commercial Pre- Qualification Criteria

Following are the commercial Pre-Qualification Criteria (PQC) for the subject tender:

Condition 1:

Bidder should be either Partnership firm/Sole Proprietor / Limited company.

Documents required (To be Submitted along with technical bid):

- i) For Proprietorship firm - Name of the proprietor to be mentioned. Affidavit of proprietorship in original duly notarized (Latest)
- ii) For partnership firms –Affidavit in originals duly notarized, confirming the current status of the firm along with names of the partners or copy of partnership deed duly notarized (latest) to be submitted
- iv) For limited companies, notarized copy of Certificate of Incorporation, Memorandum & Articles of Association and copy of allotment of Director Identification Number (DIN) number.

Condition 2:

The Average Annual financial turnover during the last 3 years financial years i.e. 2018-19, 2019-20 & 2020-21, should be at least **Rs. 18,44,344.00/-**

Note-

- (i) In case where audited results for the last financial year as on the date of techno-commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case, Bidder is not able to submit the certificate from practicing Chartered Accountant certifying its financial parameters, the audited results for the three consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters, a Certificate would be required from the CEO/CFO as per the format enclosed in the bidding documents stating that financial results of the company are under audit as on the date of techno-commercial bid opening and the certificate from a practicing chartered accountant certifying the financial parameters is not available.
- (ii) Other income shall not be considered for arriving at annual turnover.

Documents required (To be Submitted along with technical bid)



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

“Proof of ATO shall be submitted in the form of Audited Balance Sheet along with statement of Profit & Loss Account certified by Chartered Accountant”.

Unique Document Identification Number (UDIN) No. of Chartered Accountant must be clearly indicated in the above statement.

NIT Publication date shall be considered for reckoning Annual Turnover (ATO).

6.2 Technical Pre- Qualification Criteria

Following are the Technical Pre-Qualification Criteria (PQC) for the subject tender:

- 6.2.1 Bidder should have successfully executed **Similar Nature of Work- “Agency must have worked in O&M of HVAC, PAC & Pressurization system of Minimum 100 TR HVAC system in any Fertilizer/ Chemical/ Petrochemical/ Hydrocarbon/ Power Plant Industry/Airport.”** for the PO/work order/ rate contract/agreement during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following (value excluding GST) shall be as follows:

One similar nature of completed work costing not less than the amount equal to **Rs. 49,18,250.00/-**

‘OR’

Two similar nature of completed works each costing not less than the amount equal to **Rs. 30,73,906.00/-**

‘OR’

Three similar nature of completed works each costing not less than the amount equal to **Rs. 24,59,125.00/-**

(Note- Amount mentioned is exclusive of taxes)

Documents required (To be Submitted along with technical bid):

Copy of Work Order/PO/rate contract/ agreement with following details:

- Work order/PO/rate contract/ agreement with number, date and value
- Name of the client,
- Period of contract
- Scope of work mentioning.

Execution certificate issued by Chartered Accountants /statutory auditors/client highlighting below-

*Reference work order/PO/rate contract/agreement with number, date and value

*Name of the client,

*Period of Contract

*Executed value under the work order/PO/Rate contract/ agreement for the particular financial year mentioned

- 6.2.2 Cost of completed work order(s), single/two/three mentioned above, is exclusive of service tax/GST and accordingly executed value of the job excluding service tax/GST shall be considered for evaluation of PQC.



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

- 7.0 Bids will be opened as per date/time as mentioned on the Date specified above or on the date specified on the e-tendering portal. The date of Price-Bid opening will be intimated later on the e-tendering portal.
- 8.0 HURL shall not be responsible for any postal /courier delay for submission of EMD and/or other original documents, if applicable.
- 9.0 HURL reserves the right to reject any or all bids or cancel/withdraw the NIT for the subject package without assigning any reason whatsoever and in such case no bidder/intending bidder shall have any claim arising out of such action.
- 10.0 Bids shall be digitally signed and uploaded by someone legally authorized and competent on behalf of his firm / company i.e., Bidder and relevant documents w.r.t. the same to be uploaded along with the bid by the bidders. **The Power of Attorney of such person needs to be furnished along with bid.**
- 11.0 Detail work order (similar in nature as defined) along with completion certificate containing executed value of work, service tax/GST, work order reference, actual date of job completion etc. to be submitted by bidders along with the technical bid, towards fulfillment of above PQ criteria.
- 12.0 Wherever executed value is not mentioned in the completion certificate, the copy of certified bills with service tax/GST **details** as applicable / Separate certificate from respective client (WO issuing company /Engineer In Charge) regarding executed value with service tax/GST details, date of completion etc., shall also be accepted towards fulfillment of PQC, if same is submitted along with completion certificate.
- 13.0 Completion certificate submitted by the bidders shall have clarity with respect to whether service tax/GST is included/excluded in the executed value of the completed job, towards fulfillment of PQC and same shall be ensured by the bidders by submitting proper and relevant documents as required (e.g. separate certificate from respective client regarding service tax/GST) along with completion certificate.
- 14.0 If no clear documents as mentioned above regarding service tax/GST component included/extra/not applicable with respect to the executed value of the job mentioned in completion certificate is submitted by the bidder & In case Service tax/GST amount / component is also not specified in the submitted completion certificate, then the amount equivalent to rate of applicable service tax/GST as considered by HURL for the subject tender shall be deducted from the value of completed job mentioned in the completion certificate to arrive at the value of the completed job without service tax/GST.
- 15.0 Similar ARC (Annual Rate Contract) Jobs that has been successfully completed by the bidder for the originally awarded period shall be considered as completed works even though such ARC is under execution on account of extension. However original term completion should be within the period as indicated in above PQC. Bidder to submit the relevant document along with bid certifying satisfactory completion of the job, executed value of the job and completion date for original period of contract, along with letter of extension of contract, certified by WO issuing company /Engineer In Charge.
- 16.0 **In case of sub contract orders, credential as sub-contractor for above PQC shall be considered only when such work orders for sub contract have been issued with approval or written permission of end user/owner/consultant of the owner of the contract from the scope of work of which contractor under the contract has sub contracted a part of or entire work under such work order. In this regard, the bidder has to submit a certificate from the end user/owner/consultant of the owner stating that the main contractor has intimated them about the engagement of sub-contracting OR have been allowed/ permitted as a sub-contractor. Based on such Sub contracted portion of the job actually executed by the bidder**



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI UNIT

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

as subcontractor, PQC evaluation shall be done i.e. In case only part job is subcontracted, similar job & executed value etc for the part job only shall be considered for PQC and not the full job.

- 17.0 Work completion date shall be considered for deciding the period of work experience.
- 18.0 In case tie between two or more bidders at L-1 position, the sole criterion for determining the L1 bidder shall be on the basis of Average Annual Turn Over of the party calculated from ATO of the last three years. Party having the highest average annual turnover of last three years will be considered as L1 party.
- 19.0 **Evaluation Criteria: Item Rate (On Total Sum) Basis.**
- 20.0 **Contract Duration: 01 (One) Year.**
- 21.0 **Effective date of Contract: From the date of handing over of site.**
- 22.0 **Address for Communication.**

Mr. Ravendran Nagaraju Manager (C&M) Email: nagarajuravendran@hurl.net.in Ph : 07981902800	Mr. Anayat Alam Manager (C&M) Email: alamanayat@hurl.net.in Ph.: 07781005841
Hindustan Urvarak & Rasayan Limited, Barauni Urvarak Nagar, Begusarai, Bihar - 851115	

23. Checklist of documents to be submitted:

Sr. No	Documents
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 Authorized



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

	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.
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	Signed, Stamped and Scanned copy of Bid Security Declaration Form (Enclosed as Annexure-13 to Forms and Procedures i.e., Section VI)
14	Signed, Stamped and Scanned copy of Self-Certification under Preference to “MAKE IN INDIA” Policy. (Enclosed as Annexure-14 to Forms and Procedures i.e., Section VI).
15	Signed, Stamped and Scanned copy of GCC, SCC & Scope of Work (i.e. Section-V) of tender document.
16	Declaration of GST
17	Any Other Document asked for in the Bidding Document

Note: Failure to Upload Authentic and Correct Documents as mentioned at Sr. No, 1 to 17 above would lead to Rejection of Techno- Commercial Bid. Price Bids shall be opened only of those bidders who are qualified and whose techno-commercial bids are acceptable.

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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.



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

(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
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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, 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</p>												

		<p>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> <p>i) Ministry of MSME vide Gazette notification no. CG-DL-E-26062020-220191 dated 26.06.2020 had notified certain criteria for classifying the enterprises as Micro, Small and Medium Enterprises and specified, form and procedure for filing the memorandum (Udyam Registration) w.e.f. 01.07.2020 (for complete details of policy refer website of Ministry of MSME i.e. https://msme.gov.in/) Accordingly, Micro and Small Enterprises (MSEs) shall be required to submit Udyam Registration Certificate for availing benefit under Public Procurement Policy for MSEs- 2012.</p> <p>ii) An enterprise registered prior to 30.06.2020 and who is not re-registered with Udyam Registration, shall continue to be valid for a period up to 31.12.2022. 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)</p>
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> <p>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</p>



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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	<p>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.</p>
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. etc. Format for Electronic Payment



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>f) Tender Acceptance Letter & Letter of authorization to submit bid.</p> <p>g) Documents as required in accordance with Eligibility Criteria. Bidder must fill all the details in Annexure-12.</p> <p>h) No deviation Certificate.</p> <p>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.</p> <p>j) Acceptance of Fraud Prevention Policy of HURL,</p> <p>k) Certificate related to Restrictions on procurement from a Bidder of a country which shares a land border with India”.</p> <p>l) Any other document asked for in the Bidding Documents.</p> <p>m) Signed and stamp Copy of GCC, SCC, Technical Specification/scope of work and dully filled all annexures.</p> <p>Price Bid:</p> <p>The Price bid is to be submitted in the BOQ provided in the Tender at https://eprocure.gov.in/eprocure/app.</p> <p>Bidders are advised to fill the BOQ and upload the same on the portal. Bidder should not tamper/modify download price bid template. In case if the same is found to be tampered / modified in any manner, bid will be rejected and EMD would be forfeited and Bidder is liable to be banned from doing business with HURL for a period of 2 years.</p>
11.0	Bid Prices	<p>Bidders shall quote such that the bid price covers all the Supplier's obligations mentioned in or to be reasonably inferred from the bidding documents including all requirements in accordance with the requirements of the Technical Specifications & Scope of Work. Bidders are required to quote the price for the commercial, contractual and technical obligations outlined in the bidding documents.</p> <p>Bidders shall give a breakdown of the prices in the manner and detail called for in the Bill of Quantity (BOQ).</p>
12.0	Price Basis	<p>Bidders are required to quote price on the price basis as per Scope of Work / stipulated in the SCC.</p>



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 opened, shall be released/refunded at the earliest but not later than thirty days beyond the award of the subject work. 	



	<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>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>
15.0	<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> <p>a) electronically by RTGS / NEFT in the account of HURL details of which are given in bidding document 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> <p>Failure of the supplier to submit the above-mentioned Performance Security / Performance Bank Guarantee (PBG) shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.</p> <p>No interest shall be payable by the Employer to the Contractor against the Security Deposit furnished.</p>



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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.
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 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 -</p>



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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	<p>The bid including all documents uploaded in the on-line bid shall be digitally certified by a duly authorised representative of the Bidder to bind him to the contract using Class II or Class-III digital signature (in the name of designated individual with Organisation name). The Digital Signature shall be as per Indian IT Act from the licensed Certifying Authorities (CA) operating under the Root Certifying Authority of India (RCAI) namely Controller of Certifying Authorities (CCA) of India.</p> <p>An authorisation letter/power of attorney indicating that the person signing the bid has the authority to sign the bid is to be submitted in Physical form and copy uploaded as part of the Techno-commercial Bid.</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

UNIT

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

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 Registration certificate, GST No, PAN No. etc. Signed, Stamped and Scanned copy of Format for Electronics Payment (Enclosed as Annexure-2 to Forms and Procedures i.e., Section VI)



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<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-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	<p>The Price bid is to be submitted in the BOQ provided in the Tender at https://eprocure.gov.in/eprocure/app.</p>



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

	(COVER TYPE – FINANCE)	<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:	In case of Single Stage Two envelope bidding, Price Bid of those bidders whose bids are found to be qualified and technically & commercially responsive shall be opened at a later date under intimation to such bidders.
22.0	Deadline 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 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>



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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.
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 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 position of other bidders who are presenting substantially responsive bids. <p>Material deficiencies in the bid may render the bid non-responsive and may lead to the rejection of the bid.</p> <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</p>



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		by EMPLOYER, and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
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"> In case of discrepancy between unit price in figures and words, the unit price words will be considered as correct. In case of discrepancy between unit price and total price, the unit price will be considered as correct. In case of discrepancy between unit price and total price, which is obtained by multiplying the unit price and quantity, or between sub-totals and the total price, the unit or subtotal price shall prevail, and the total price shall be corrected accordingly.
30.0	Evaluation Criteria	<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>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

UNIT

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

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> <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>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

UNIT

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

36.0	Notification of Award	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).
37.0	Corrupt or 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 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>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

UNIT

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

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 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</p>



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>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> <ol style="list-style-type: none"> An entity incorporated, established or registered in such a country; or A subsidiary of an entity incorporated, established or registered in such a country; or An entity substantially controlled through entities incorporated, established or registered in such a country; or An entity whose beneficial owner is situated in such a country; or An Indian (or other) agent of such an entity; or A natural person who is a citizen of such a country; or A consortium or joint venture where any member of the consortium or joint venture falls under any of the above. <p>v. The beneficial owner for the purpose of clause “iv” above will be as under;</p> <ol style="list-style-type: none"> 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>Explanation-</p> <ol style="list-style-type: none"> “Controlling ownership interest” means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company; “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; <ol style="list-style-type: none"> In case of a partnership firms, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more judicial person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership; 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
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UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>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-in-Charge; 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 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</p>



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>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	<p>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.</p>
46	Contract Agreement	<p>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.</p>
	Important Note	<p>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.</p>



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

(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 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.		



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

UNIT

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

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	Signed, Stamped and Scanned copy of Bid Security Declaration Form (Enclosed as Annexure-13 to Forms and Procedures i.e., Section VI)		
14	Signed, Stamped and Scanned copy of Self-Certification under Preference to “MAKE IN INDIA” Policy. (Enclosed as Annexure-14 to Forms and Procedures i.e., Section VI).		
15	Signed, Stamped and Scanned copy of GCC, SCC & Scope of Work (i.e. Section-V) of tender document.		
16	Declaration of GST		
17	Any Other Document asked for in the Bidding		

Note: Failure to Upload Authentic and Correct Documents as mentioned at Sr. No, 1 to 17 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.



Annexure 2 to ITB

A	Instructions for Online Bid Submission	<p>The bidders are required to submit their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bidsonline on the CPP Portal.</p> <p>More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app.</p> <p>1.0 REGISTRATION</p> <p>1.1 Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.</p> <p>1.2 As part of the enrollment process, the bidders will be required to choose a unique username and assign a password for their accounts.</p> <p>1.3 Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.</p> <p>1.4 Upon enrollment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify / nCode / eMudhra etc.), with their profile.</p> <p>1.5 Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.</p> <p>1.6 Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.</p> <p>2.0 SEARCHING FOR BIDDING DOCUMENTS</p> <p>2.1 There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.</p>
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		<p>2.2 Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the Bidding Document.</p> <p>2.3 The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.</p> <p>3.0 <u>PREPARATION OF BIDS</u></p> <p>3.1 Bidder should take into account any corrigendum published on the Bidding Document before submitting their bids.</p> <p>3.2 Please go through the Bidding Document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.</p> <p>3.3 Bidder, in advance, should get ready the documents to be submitted as indicated in the Bidding Document / schedule. Generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.</p> <p>4.0 <u>SUBMISSION OF BIDS:</u></p> <p>4.1 Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. HURL shall NOT be responsible for any delay.</p> <p>4.2 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the Bidding Document.</p> <p>4.3 Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.</p> <p>4.4 Bidder should prepare the EMD as per the instructions specified in the Bidding Document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the Bidding Documents.</p> <p>4.5 Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other</p>
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		<p>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 with all other relevant details.</p> <p>4.10 The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.</p> <p>4.11 The Bidder is allowed to re-submit the Bid and related Bid documents before the last date of Bid submission and time. The Bid can be re-submitted as many times as required by the Bidder, within the indicated timelines. The last version of the Bid submitted by the Bidder before the Bid submission date and time will be considered for Bid evaluation.</p> <p>4.12 The Bidder is permitted to withdraw his Bid before the last date</p>
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		<p>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>4.13 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>
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 Seal % value, and then sign it digitally by clicking on Sign Icon and Click on submit button. g) System will show your Latest Value / Price Quoted and system will also show Least Amount/ Rate which any Bidder



UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>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. Subsequently, Reverse Auction will be conducted amongst techno-commercially qualified / approved bidders after Opening of Financial/Price Bids' online. 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. 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. 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. 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 along with the necessary fields during Online Reverse Auction: <ul style="list-style-type: none"> a) Current Bid Price in the Auction. b) Start Price.
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UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>c) Decrement value.</p> <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> <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</p>
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UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>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 toward 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 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</p>
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UNIT

HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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.
		Bidders must apprise themselves of the applicable guidelines for submission of and uploading of bids etc. on CPP website.

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 Quantity / Schedule of Quantities/ Bill of Quantities; Owner / Employer /



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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 and Notices	Communications between Parties (notice, request or consent required or permitted to be given or made by one party to the other) pursuant to the Contract shall be in writing to the Authorized Representatives named in



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>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 herein otherwise provided. All notices, instructions, information and other communications given by the Contractor to the Owner under the</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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 the Parties	Nothing contained herein shall be construed as establishing a relation of master and servant or of principal and agent as between the Owner and the Contractor. The Contractor, subject to this Contract, has complete charge of Personnel and Sub-Contractors, if any, performing



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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 "the Authority for Advance Ruling (AAR)" determining the applicable rate of Income Tax in India before release of first payment.</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<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 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



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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 liability of the Employer to the Contractor shall not exceed the Total Contract Price, less payments already released to the</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		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 Contract, except when otherwise expressly stated in the Contract.</p> <p>(b) issue to officials, agents and representatives of the Owner all such</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>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>
30	Extension of the	<p>In the event the Contractor is unable to complete the assignment by the Intended Completion Date it may request the Owner to extend the</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

	Intended Completion Date	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> <ol style="list-style-type: none"> crossed Demand Draft / Bankers cheque drawn in favour of HURL Payable at New Delhi. An irrevocable Bank Guarantee as per the HURL standard format from any Nationalized bank / Scheduled Bank as acceptable to



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>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 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</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

	<p>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>(a) Constitute a default or breach of the CONTRACT,</p> <p>Or</p> <p>(b) Give rise to any claim for damages or additional cost or expense occasioned thereby, if such delay or non-performance is caused by the occurrence of any event of FORCE MAJEURE. FORCE MAJEURE conditions are not payable under any circumstances.</p> <p>Force Majeure is no one's fault, therefore each party should bear its own cost and a provision to terminate the CONTRACT in case of Force Majeure extending beyond six (06) month is provided. Should OWNER wish the CONTRACTOR to continue further, both parties may sit together and mutually agree on the future course failing which Parties will have the right to terminate. Such termination shall not be considered as Termination for Owner's Convenience. However, outstanding invoices, payment for supplies made and payment to the work already performed will be paid by OWNER on such termination and shall be detailed at the time of CONTRACT finalisation. CONTRACTOR shall have the right to take action to mitigate the impact of the prolonged Force Majeure event in mutual consent with Owner.</p> <p>FORCE MAJEURE shall not apply to any obligation of the OWNER to make payments to the CONTRACTOR under the contract.</p>
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HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

36	No Breach of Contract	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.
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>or</p> <p>(ii) for proper execution of the Works or part thereof for 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</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		<p>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> <ul style="list-style-type: none"> (a) If the Contractor fails to remedy a failure in the performance of their obligations hereunder, within thirty (30) days of receipt of such notice of suspension or within such further period as the Owner may have subsequently approved in writing; (b) If the Contractor submits to the Owner a statement which has a material effect on the rights, obligations or interests of the Owner and which the Contractor knows to be false; (c) if the Contractor, in the judgement of the Owner has engaged in corrupt or fraudulent practices in competing for or in executing the Contract. <p>For the purpose of this Sub-Clause:</p> <p>"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.</p>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

		"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.
40	Termination for Insolvency	<p>The Owner and the Contractor may at any time terminate the Contract by giving notice to the other party if:</p> <ul style="list-style-type: none"> (a) the Owner becomes bankrupt or otherwise insolvent; (b) the Contractor becomes (or, if the Contractor consist of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary; or (c) in such event, termination will be without compensation to any party, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the other party.
41	Termination for Convenience	<p>The Owner, by notice sent to the Contractor, may in its sole discretion and for any reason whatsoever, terminates the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Owner's convenience, the extent to which performance of the Contractor under the Contract is terminated, and the date upon which such termination becomes effective.</p> <p>In event of termination of Order/Contract, the 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	The Owner and the Contractor may at any time terminate the Contract by giving notice to the other party if, as the result of Force Majeure, the Contractor is unable to perform a material portion of the Services for a period of not less than sixty (60) days.
43	Cessation of Services	Upon termination of the Contract by notice of either Party to the other pursuant to GCC Clauses 39 to 42, the Contractor shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum.
44	Payment upon	Upon termination of this Contract pursuant to GCC Clauses to 39 to 42,



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

	Termination	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 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>



HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

	<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: - <ol style="list-style-type: none"> 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. 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
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HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

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

IMPORTANT	The Special Conditions of Contract will supersede any other related conditions anywhere in the tender documents and will prevail for
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HINDUSTAN URVARAK & RASAYAN LIMITED, BARAUNI

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

NOTE	evaluation / finalization of the tender.
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HINDUSTAN URVARAK & RASAYAN LIMITED
(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

BARAUNI UNIT

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[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 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 Item Rate (On Total Sum) Basis 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 L-1 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 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>
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		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.
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	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.
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</p>

		<p>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	From the date of 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 CLAUSE 25	<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> <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</p>

		requirements in regard to the personnel in the contractor's employment. Any other insurance required during the execution of work.
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	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.
17		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.
18		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

		<p>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>

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

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SECTION – V

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

1. SCOPE OF WORK:

A) SCOPE OF WORK OF OPERATION :

1. The scope of work shall include Operation, Routine Checks, Monitoring & Up-keepment of **Air Conditioning Systems** (HVAC/Pressurisation/Package AC systems) in HURL Barauni plant . Areas where these systems are installed are given at Point No. 6.
2. The term Air conditioning system wherever used in this contract document means HVAC, Pressurisation & Package AC systems.
3. Detailed equipment list of each HVAC/PAC/Pressurisation system is given at Point No. 7 (i.e. Equipment List).
4. **Operation Personnel :** The contractor shall deploy sufficient persons for upkeeping, operation and monitoring of AC systems in all the three(3) shifts round the clock basis throughout the contract period for areas :

Central Control Room, Urea S/S, Cooling Tower S/S , Ammonia Storage S/S, Ammonia Storage Control Room, Analyzer shelters , CPP Control Room, Main S/S, EDG Room, Ammonia S/S , Switchyard Analyzer shelters, Laboratory, Silo S/S , Bagging plant, Utility S/S, Urea Product Handling Control room, Analyzer shelters
5. The scope of work includes Operation and monitoring of connected equipments like water cooled condensers, winter heaters, monsoon heaters, dampers, ducting system ,diffusers, humidifiers ,chemical filter unit, screw chillers ,chiller water pumps, heater banks etc. or any other item which form the part of air conditioning systems.
6. The Contractor shall have to upkeep, operate and monitor/maintain all the HVAC/Pressurisation/PAC units installed at plant in consultation with Shift in charge of the respective plants.
7. All the data should be noted in the standard performa/logbook and has to be produced as and when required by Shift in charge/Engineer in charge. The contractor shall maintain all records required for ISO9001 like logbooks, daily report, equipment status, parameter, breakdown report ,work done on system, permit logbook etc. as instructed by Shift in charge /Engineer In charge.
8. The contractor shall ensure that HVAC units function properly and smoothly in all the three shifts during the contract period. The status report of functioning of HVAC units shall have to be furnished to the shift in charge/representative of EIC for each shift by the contractor.
9. The Areas air conditioned by HVAC/Package AC systems are to be maintained at 20 to 22 deg C or as per the instructions of EIC and areas air conditioned by Pressurisation system is to be kept running.

10. HVAC / Air pressurisation system includes its associated equipments in Substation building, MCC room, Battery room, Toilets , Engineer Room, Maintenance Room, Cable cellar room etc.
11. Any abnormalities found during routine checks/condition monitoring shall be immediately communicated to HURL Engineer/supervisor and shall also be noted in the defect register.
12. Round the clock operation of all HVAC equipments.
13. The operation includes the following: -
 - Vapour Absorption Machine(VAM) chiller & associated lines.
 - Water cooled Chiller with Scroll/ Screw Compressor
 - Air cooled chiller with screw compressor
 - Variable Refrigerant Flow (VRF) Units
 - Pressure Reducing De-superheater and its controllers
 - Dosing pumps/ Transfer Pumps
 - Chilled water system with valves, pumps, strainers, makeup tank.
 - Stand Alone Units, Fan-Coil Units, Air Handling Units (AHUs), AHU Coils, AHU Fan & Motor.
 - Auxiliaries like Air Flow Switch, Strip Heaters & RH Controller, AHU Pre Filters, Three-Way Valves, Chemical Filters, and Fire Dampers.
 - Supply/ Return Air system including Volume Control Dampers, Damper Motors/Actuators, Supply Air Diffusers/Grills, Return Air Grills etc.
 - Operation of package units in the process area.
 - Pressurization Blowers & blower motors in the Substations.
 - Auxiliaries like Air Flow Switch, Strip Heaters & RH Controller, AHU Pre Filters, Three-Way Valves, Chemical Filters, and Fire Dampers.
 - Supply/ Return Air system including Volume Control Dampers, Damper Motors/Actuators, Supply Air Diffusers/Grills, Return Air Grills etc.
14. Contractor shall carry out change-over of the equipments as directed by HURL EIC.
15. Contractor shall carry out the Operation of the HVAC Plant equipment as per the Operation Manual.
16. Minimum 1 set of HVAC/ P&V/PAC equipment is to be kept running and remaining to be kept as standby healthy unit, so as to maintain the desired conditions. Any trouble in the stand-by unit/ running unit will be analysed and cause of trouble shall be brought to the notice of the Site Supervisor and HURL EIC.
17. Starting, running and round the clock monitoring of AC plants. Operation of the plants also covers electrical panels installed for each plants including identification of blown fuses, contactors, relays & other electrical accessories.
18. Job includes monitoring the various parameters at regular interval & recording the same in the Log

sheet for each plant as per OEM recommended checklist.

19. Contractor has to arrange operation tools such as Psychrometer for Dry & wet bulb temperature measurement in all the locations/Rooms.
20. The contractor for recording the parameter should get printed the entire log sheet and no extra payment shall be made for this. The contractor shall get the Log Sheets approved by Engineer In-Charge.
21. All the operating personnel will ensure that electrical Panels & air conditioning equipment are kept in neat & clean condition.
22. All chilled water line strainers near pumps & AHUs to be opened, cleaned & boxed up as per the direction of EIC.
23. Sufficient suction & discharge pressure of refrigerant and oil pressure to be maintained for smooth operation & maintaining temperature 20°C to 23°C in the control rooms, UPS rooms, instrument panels rooms, conference rooms, offices, etc. any deficiency in gas pressures shall be brought to the notice of the EIC.
24. All available controls & safety interlocks should be maintained during operation of the plant. Any non-functioning must be brought to the notice of the EIC & rectified immediately.
25. In-case any defective/ worn-out filters are found, it shall be reported to the Engineer in charge.
26. Water Level in make up water tank shall be maintained all the time & also float valve must be in working condition, any deficiency to be brought to the notice of EIC.
27. Operation of Pressurization System Installed at various substations on site is in the scope of contractor.
28. The Operations Team shall not be involved in Maintenance jobs. Minimum of 2 readings shall be taken per shift.
29. Sufficient manpower to be deployed for proper and efficient operation / monitoring of the HVAC,PAC & Air pressurisation system.

B) SCOPE OF WORK OF MAINTENANCE :

1. Routine/ Preventive/ Predictive/ Breakdown/ Shutdown works, Troubleshooting & attending all sorts of day-to-day electrical/mechanical faults in the HVAC system and other miscellaneous works i.e. cleaning, Condition Monitoring , Emergency call Service at area are under the scope of Contract. Apart from the scope of work, which has been mentioned below, 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.

2. The scope of work includes Maintenance of connected equipments like water cooled condensers, winter heaters, monsoon heaters, dampers, ducting system ,diffusers, humidifiers ,chemical filter unit, screw chillers ,chiller water pumps, heater banks , motors, electrical panels, PLC panels etc. or any other item which form the part of air conditioning system. The system has chilled water supply & return lines, AHU / FCU/AWU, Chemical filter unit, exhaust fans , air supply & return ducts, grills, diffusers, dampers, control & protection system.
3. Daily monitoring , routine checks, scheduled/annual preventive / routine & predictive maintenance, breakdown maintenance including repair / replacement of all spare parts and consumables of entire existing AC system in the plant working on chilled water will be in the contractor's scope.
4. Scheduled checking/servicing /overhauling of machines as per instructions of EIC and maintenance schedules indicated in this tender or as recommended by the manufacturer of the machine as the case may be.
5. Work shall be carried out by deployment of competent, experienced & trained staff members at site. All emergencies at all times to be attended without fail.
6. The AHU / FCU / AWU units which are to be maintained will be consisting of Cooling coils (heat exchangers), blowers, motors, heaters, 3 way mixing valves, humidistat's, thermostats, pressure & temperature gauges, pulleys, V-belts, flexible hoses, hose clamps, hydraulic hoses with fixtures, water flow control valves, fasteners with all accessories, pre-filters, micron class filters, canvas, thermo coal & ,tar sheet, control transformer, fuse units, contactor, TOLR, push-buttons, connectors, control units & control schemes, drain system, plenum area, etc. complete set.
7. The chilled water lines, related control valves & accessories are also to be maintained. Problems anywhere in entire network of chilled water supply & return lines like air locks, line blocks, leakages etc. are to be attended & rectified by the contractor, to bring the system to normalcy. All the air ducts, diffusers, dampers, grills, flow control valves, air filters etc. in the system are to be cleaned & maintained periodically.
8. Areas where HVAC/PAC/Pressurisation systems are installed are broadly given at Point No. 6. Detailed equipment list of each HVAC/PAC/Pressurisation system is given at Point No. 7 (Equipment List).
9. HVAC / Air pressurisation system includes its associated equipments in Substation building, MCC room, Battery room, Toilets , Engineer Room, Maintenance Room, Cable cellar room etc.
10. All the data should be noted in the standard performa / logbook and has to be produced as and when required by Shift in charge/Engineer in charge. The contractor shall maintain all records required for ISO9001 like logbooks, daily report, equipment status, parameter, complaint register, breakdown report , issuance/receipt of material at site/store ,work done in shifts, permit register, etc. as instructed by Engineer In charge.
11. The contractor shall depute a full-time Supervisor in General shift daily. The Contractor shall depute such officer/supervisor as proposed by him, who shall be available on site to supervise his staff (both

Operation and Maintenance) and interact on daily basis with Shift-in- Charge / EIC regarding delivering the specified work.

12. The contractor shall ensure that AC units function properly and smoothly round the clock during the contract period.
13. The routine maintenance includes activities such as cleaning of filters, cleaning of equipment, checking & controlling of any leakage in the system and top up of the necessary refrigerant.
14. Any loss of the refrigerant ,top up /makeup of refrigerant required during the upkeeping of AC system shall be provided by the contractor as mentioned in SOR.
15. Contractor shall make availability of sufficient refrigerant at site to fulfil the requirement of the aforesaid equipments or requirement elsewhere in the plant after written confirmation of the EIC.
16. If there is any leakage of gas due to failure of heat exchanger and improper maintenance , the same will be made good by the contractor without claiming any extra cost.
17. The scope of refrigerant filling will be supply of refrigerant, leak test before filling, flushing of line with nitrogen if required, filling of the refrigerant to the specified level and leak testing after filling. Gas supplied shall be accompanied with relevant certificate of conformity to standards.
18. The contractor shall get the quantity of refrigerant filled by his staff is supervised and verified by HURL representative.
19. The contractor shall have to take up both preventive and breakdown maintenance jobs. The EIC will give instructions regarding jobs to be carried out as and when requirement arises at the site.The contractor shall have to carry out the jobs in consultation with EIC and jobs have to be completed in all respect to the satisfaction of EIC.
20. The contractor shall make his own arrangement for tools and tackles including coupling puller, vacuum pump, condensing unit, gas welding set, testing equipments like megger, tong tester, thermometer etc as required for the complete maintenance jobs. Brazing facilities including consumables required for attending any leakage would be arranged by contractor at his own cost.
21. The Nitrogen gas for testing and all arc welding facilities along with all consumables shall be in the contractor's scope.
22. Repairing/Leakage attending of heat exchanger or cooling coil is to be done by contractor. Manpower ,materials(consumables and non consumables) , tools and tackles etc. required are in the scope of contractor.
23. The necessary records of the spare parts used will be maintained by the contractor and unused materials will be returned to HURL stores.The contractor shall have to make his own arrangements for transportation , handling etc. of materials from HURL stores to site and back to the stores.The contractor shall be responsible for the safe custody of all the machines which are removed by him from their installed locations for repairs.The contractor shall be responsible for all such HURL machines and material under his custody and shall make adequate arrangements for their protection against damage,fire, other hazards etc at his own cost.

24. The contractor shall submit Preventive maintenance checklist as per OEM recommendations for HURL's approval within 20 days of award of the contract.

25. Scope of work for Maintenance of VRF, VAM, Chillers, Package ACs, AHUs, AWU, HVAC Pumps system equipment includes the following: -

- Inspecting the units and carrying out preventive maintenance as per the PM checklist.
- Lubricating the bearings of motors & fans as & when found necessary.
- Checking the system for any leaks and rectification of leaks, if found.
- Taking a set of check button readings & evaluating to ensure satisfactory performance of the plant.
- Checking of expansion valve & control valves.
- Checking of electrical panels, switches, starters etc.
- Checking of PLC panels & its wiring.
- Changing the Master and slave unit settings
- Cleaning the air filters & air cooled condenser.
- Cleaning the Air cooled condenser & evaporator coil with eco-friendly chemical.
- Checking the refrigeration system, motor and starters and ensuring healthy condition of the units.
- Checking the functioning of compressor and its accessories.
- Overhauling/Repairing/replacing the components of the equipment such as blower / condenser fans at site or in service station, as and when required.
- Checking of the microprocessor controller for its proper functioning and repair/replacement of the same, if found necessary.
- Reporting the healthiness of the plant and suggesting improvements if any.
- All consumables to carry out the above listed jobs shall be in contractor scope except power & water. Power and Water for all jobs shall be provided by HURL.
- All measuring instruments like pressure gauges/ temperature guns/ clamp meters etc. required to carry out the jobs are in the scope of contractor.
- Contractor shall submit a conclusive report after each PM to EIC, clearly indicating the status of the machine and take any corrective action/ spare replacement required (if any).
- Printing of checklists etc. is in contractor scope.
- Contractor shall take up bearing replacement works wherever required including all tools tackles and manpower. Bearing shall be provided by HURL.
- Contractor shall remove the filters, clean the filters and seal the filters while fixing them on the frame using silicone sealant.
- Any openings in the frame not sealable by silicone sealant shall be brought to the notice of the EIC.

- Contractor shall isolate the equipment, carry out leaks identification, leaks rectification, testing, vacuuming & re-commissioning of the equipment.
 - All Consumables including the compressor oil (top-up), nitrogen gas, etc. are in the scope of the contractor.
 - All materials including copper tubes/ fittings/ plugs/ bends/ collars etc. of suitable sizes required to rectify the leak/leaks are in the scope of the contractor.
 - Welding/ brazing with all tools, men & materials is in the scope of contractor. Leak testing shall be carried out for the pressure and duration as per relevant standards.
 - Supply of vacuum pump of suitable capacity, gas transfer pump, condensing unit and empty refrigerant gas cylinders, vacuuming the machine, checking the vacuum hold, refrigerant charging and commissioning the machine is in the scope of contractor.
 - Any other works required to be carried out with all men material and tools to rectify the leaks and commission the machines are in the scope of the contractor.
 - Contractor shall clearly mark the leak/leaks rectified with paint and submit the photographic record along with the report.
 - Works carried out by the contractor shall have a defect liability period of 12 months.
 - During Overhauling, Portable Water Circulation pumps for chemical circulation are in the scope of the contractor.
 - Tubes/Coils shall be thoroughly rinsed with water to remove all chemical residues.
 - Contractor shall use Vaniklin-WB/ aquatreat or equivalent as instructed by EIC.
 - Contractor shall take Water samples of condenser and evaporator outlet water after overhauling and get it tested in reputed lab to ascertain the chemical top-up quality/quantity.
26. All AC units will be handed over to contractor at starting of contract in running condition and duly charged with Refrigerant. At the time of expiry/termination of contract ,the contractor has to hand over all the AC units in running condition and duly charged with refrigerant. In case he fails to do so, the cost of repair and make up refrigerant will be recovered from contractor's bill.
27. PM/BM /CBM and Repair of electrical motor(including rewinding, bearing replacement etc.), electrical Panel, PLC panel and other electrical jobs shall be in contractor's scope.
28. Spare materials needed for Instrument repair/replacement jobs such as Modular for Damper, PLC, PLC cards, Electronic devices etc. shall be in HURL's scope. However assistance whenever required in the form of skilled manpower shall be provided by the contractor as per decision of EIC without any extra cost to HURL.
29. Contractor shall attend points raised by safety & housekeeping audits point as raised during walk-down.
30. All statutory compliances are in vendor scope, Statutory fee to be paid by contractor.
31. Any improvement in system/modifications taken for improvement of systems shall be carried out by

contractor in consultation with EIC and any requirement of welding / cutting shall be taken up by contractor.

32. The Contractor shall maintain proper and detailed record of 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 ,HVAC Technicians and contractor should possess their respective HVAC/electrical licenses.
33. HURL will provide Permit to work along with work instructions & contractor engineer shall execute the job only after ensuring all isolations (electrical & mechanical) & signing the permit by contractor representative. Contractor to issue signing authority on PTW .
34. The contractor shall make Job safety analysis and Hazard Identification and risk assessment report with each PTW and same shall be approved by HURL safety dept.
35. Contractor to return PTW after removing man & material from the equipment & declare equipment ready for operations.
36. All work shall be done in a neat workman like manner .Housekeeping after completion of Job will be in contractor scope.
37. Contractor will maintain HURL safety standards in premises.
38. Preliminary RCA report to be submitted by contractor.
39. 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.
40. Contractor to work as per HURL schedule & work instructions.
41. Contractor engineer will work in consultation with respective HURL Engineer.
42. Contractor shall report any hazardous condition in plant/system which may result into any accident.
43. Contractor should be responsible for arranging any special equipment or approaches if defect are located at high elevation.
44. Contractor shall do equipment/area cleaning (HVAC room/Pressurisation room) as and when scheduled or on requirement basis.
45. Contractor has to acknowledge for attending the breakdown defects or identified during PM/CM of equipments, within two hours of identification with all resources required to attend the defect.
46. Any abnormalities found during Maintenance (PM/BM) or condition monitoring immediately should communicate to HURL Engineer and defect rectification should be done.
47. 415V AC/110V AC/24 V DC Cable maintenance, fault finding, rectification if required is under

scope of contractor.

48. All the scrap / Left out / unused spare materials related to the maintenance jobs shall be returned to HURL main store including transportation is under the scope of contractor.
49. Supply of spare materials are in HURL scope and same will be available in HURL main store. Contractor should collect the spares from HURL main store as and when required through proper procedure. Transportation from HURL store to working area are in contractor's scope. The replacement with spares and its other job execution shall be done by the contractor as per the instruction of EIC, without any extra cost to HURL.
50. Packing of unwanted panel holes by grommet is in the contractor's scope including materials.
51. The contractor shall be custodian of dismantled materials till the Engineer-in-Charge takes over the charge thereof. No extra cost shall be paid on this account.
52. The contractor shall submit the proposed tentative man power deployment chart for successful and satisfactory execution of work under NIT.

53. Maintenance Schedule :

To ensure proper functioning of the AC systems, the contractor shall carry out all the required schedule maintenance jobs includes but not limited to the following :

DAILY

- Check for any complaints that are reported and trouble shoot them immediately.
- AC system of the important & critical facilities are to be continuously monitored and corrective actions are to be taken immediately so as not to affect the facility concerned
- If any important activities like seminars / lectures / meetings / interviews are planned in the campus, concerned AC system has to be inspected and normal functioning of AC system is to be ensured.
- Adjustments in the system to achieve required temperature & RH level as required by the user. Release of air locks / blocks in the system.
- If there is any instruction to operate the AC systems in the specific timings, the same has to be materialized.
- General inspection of the AC system and rectification if any abnormality exists.
- Attending to the planned / scheduled preventive maintenance
- Updating of all the relevant documents, logs, history books etc.
- Reporting of day's work and progress to concerned Engineer-in-charge.

WEEKLY

- Cleaning of filters of Air handling unit and Chemical/Fresh air unit.
- Cleaning of equipment

- Tightening / replacement of belts if required.
- Cleaning & tightening of electrical terminals.
- Checking /tightening glands of chilled water pumps
- Checking the system for any gas leakages
- Topping up of lubricating oil if required.

MONTHLY

- Service of complete unit
- Cleaning of oil filter of compressor, if required
- Cleaning of cooling coils/evaporators
- Cleaning of suction line strainers of compressor
- Cleaning of liquid line strainers
- Checking and tightening of the foundation bolts of equipments
- Checking the correctness and calibration of all safety / automatic controls and to be replaced if defective.
- Charging of additional refrigerant if required.

SEASONAL

- Descaling of condenser tubes and oil cooler tubes
- Charging compressor oils
- Checking the valve plates assemblies and unloader assemblies
- Checking the oil pump
- Checking bearing clearances
- Cleaning and greasing the bearings
- Overhauling / repair of the system whenever required
- The contractor shall carry out the maintenance of all electrical contactors, starters, switches, local panels of package units.
- General repair of chillers,condenser,cooling tubes,ducts,piping,pumps,fans, belt etc whenever required.

YEARLY

- Perform quarterly services
 - Overall servicing of the unit, cleaning, reduction of noise level, checking of mechanical assemblies, foam insulators over the pipes.
 - De-scaling of copper tubes of the cooling coil (the water circuit) by suitable means as per manufacturer's recommendation and general standards.
 - Parameter checking before & after servicing
 - Air flow checking & adjustment / balancing, if required
 - Checking of IR value for motor and heater banks.
 - Checking and calibration of temperature and pressure gauges on supply & return chilled water lines and replacement of the same if required.
 - Checking of unit efficiency, total capacity delivery of the unit & bringing it to optimum performance level, air flow and water temperature measurements on supply & return ends, maintaining the lab temperature and temperature & RH adjustments.
 - General Maintenance of electrical switchgears, controls etc. All electrical system should be checked through competent persons as per relevant Indian Standard and as per electricity Act 1910.
 - Cleaning of ducting system having diffusers, grills, dampers etc.
 - Necessary documentation of parameters (before & after servicing work) and submission of checklist
54. Sufficient manpower to be deployed for maintenance jobs so that quality and completion time are not compromised.

2. SPECIAL TERMS AND CONDITIONS

1. Agency must hold a valid A class HVAC contractor license issued by competent authority of India and must comply with the Employees' State Insurance scheme.
2. The contractor is deemed to have visited HURL Barauni plant to ascertain the equipment and site locations, conditions etc. before quoting the prices.
3. Consumable Items such as 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.
4. HURL representative would review and plan the jobs for the day. Materials of free issue would be maintained by the Technician /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.
5. The Technicians and Electricians should be aware & hands-on experience of all measuring/testing Electricals, Mechanical tools and tackles required for maintenance of stationary and rotary equipment.
6. 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.
7. Contractor has to do the job as per direction of HURL-EIC /in-charge within the plant premises or as directed by HURL-EIC.
8. Contractor has to ensure the availability of required number of manpower of various categories as per job requirement.
9. Coordination and supervision of jobs shall be in contractor's scope of work. Contractor supervisor shall maintain diary of work done and has to produce to Engineer-in-charge or his representative as and when asked for.
10. Contractor shall have all the required technical skills to carry out various kind of maintenance job mentioned in the scope of work.
11. Agency must comply with the minimum wage norms for payment, ESIC, PF etc. of the Electrician with a helper as per the Labour Act. Payment of wages to the electrician and helper must be done by 7th day of the month.
12. Agency to carry out periodic/quarterly audit of electrical /mechanical or HVAC tools and tackles in view of safety and submit the compliance to HURL.
13. Agency to take prior approval from the owner for selecting any candidate throughout the contract period for replacement of existing manpower .Also Operation & 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.
14. All types of Insurance Cover for the deployed worker at site shall be in scope of agency.
15. Annual Rate Contract includes Operation and Maintenance (Electrical/Mechanical) jobs of HVAC/PAC systems as per specifications/drawings of HVAC/PAC and as per directions of Engineer-in-Charge from time to time. Jobs can be awarded for execution in HURL premises .
16. The Service provider shall have to make his own arrangements for all Tools & Tackles, Skilled and Unskilled labors etc. required for the job. The work is subject to inspection at all time by the Engineers-in-charge and the Service provider shall have to carry out the work to the entire satisfaction of the Engineer-in-charge.
17. 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

18. In case, interpretation of any job is not clear, the decision of Engineer-in-charge shall be final and binding. In case of doubt, Service provider shall consult the Engineer-in-charge or Area-In- charge for clarification before the start of work.
19. 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 Service provider of his commitment to the execution of job.
20. The contractor shall arrange construction, erection, installation aids as required. HURL shall not be responsible for any delay due to non-availability of such aids.
21. The contractor shall provide scaffolding material wherever required without any cost implication to HURL.
22. All materials including tools and tackles and other materials viz. ladders etc. if required are to be provided and shifted by the Service provider for jobs to be attended by the contractor for which no extra payment will be made.
23. 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. The job is to be started after getting clearance from the respective area-in-charge.
24. At the time of start of the contract, the list of tool & tackle or any other equipment brought by the contractor 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 contractor.
25. HURL shall not provide site office to the Contractor. 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 contractor required for the execution of job/work.
26. 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 contractor.
27. Any material issued by HURL to contractor , which falls under contractor'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.
28. Before taking over any material/equipment from stores or site stores, it will be the responsibility of Contractor 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 contractor.
29. Wherever supply of material is in the scope of Contractor, the same shall have to be approved from Engineer-in-charge before its installation.
30. 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.
31. The Service provider 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.
32. The decision of Engineer-in-charge in regard to all matters relating to the Tender and for determining the category of work with reference to material or item not mentioned in scope of work shall be final.
33. 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 Service provider 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 Service provider may be directed to do in the manner above specified as a part of the work, shall be carried out by the Service provider on the same condition in all respects on which he has agreed to do the main work.

34. If the Service provider is unable to execute the work, any loss incurred by the company in this respect, will be, to the Service provider'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 Service provider till the expiry of the period of the contract and debit the cost plus 10% to the Service provider.
35. Contractor has to establish his site workshop, post site in-charge/ Supervisor and minimum manpower required within 15 -days from the date indicated in the Letter of Intent (LOI) or Work order. Persons deployed have to strictly follow the factory timings.
36. Contractor has to carry out the job on round the clock basis, if required, without any extra compensation/claim,etc.
37. 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.
38. Work should be carried out in the presence of competent and authorized supervisor only.
39. Contractor and his staff should acquaint themselves with the Normal/Fire/Emergency siren sounds.
40. For any clarification/assistance with regard to any safety related aspect, Fire & Safety Department, HURL Manager (Safety) is to be contacted.
41. 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.
42. 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.
43. In case of unprecedented job requirement, payment mode/measurement shall be decided by the Engineer-in-charge which shall be binding to the Contractor.
44. Contractor shall provide contact details & address of self and supervisors, so that it is possible to contact immediately during odd hours.
45. Contractor shall be responsible for necessary health check & permits for all workmen and all staff deployed for working at height as per norms.
46. HURL reserves the right to ask the contractor any time during the pendency of contract to vacate the land by giving 7 days notice on security reasons or national interest or otherwise.
47. Sub contracting of job will not be allowed without prior written permission of owner.
48. The rates quoted will be firm for the currency of the contract period and will not be subjected to escalation irrespective of any increase whatsoever.
49. Site in charge / supervisor shall not proceed out of station or on leave without written permission from HURL EIC. In case of long absence of site in charge / supervisor the contractor shall depute a substitute to look after the entire O&M of HVAC system jobs and interaction with HURL for day to day work.
50. The EIC shall be duly informed by the contractor before taking up any job on the AC system.
51. In case of breakdown maintenance the contractor shall have to take up the job within 4 hrs of notice and all other jobs within 24 hrs of notice.
52. Attending time for the Critical defect (As defined by Engineer In charge) should be completed within two hours.
53. HURL may withhold the payment to such an extent as may be necessary to protect itself from loss on account of :
 - a. Failure of the contractor to make payment properly to his workmen or the suppliers of the material.
 - b. Defective work not remedied/rectified

- c. Damage to HURL property.
 - d. Reasonable doubt that the balance work can't be completed by the contractor
 - e. Claims filed or reasonable evidence indicating probable filing of claims.
 - f. For reasons mentioned elsewhere in this contract/NIT.
54. Distributon of All kinds of safety pamphlets/notices of safety promotional activities, trainings and awareness sessions in HURL Barauni plant will be in the scope of contractor.
55. Contractor will get the medical check up of their employees done thoroughly before they are taken into service.Only persons found medically fit shall be allowed to join the duty.The contractor to make his own arrangements for medical facilities for their staff.
56. The contractor needs to comply with statutory regulations such as provisions of PF & ESI.
57. No Overtime shall be payable against shortfall of manpower by HURL & same shall be borne by the contractor.
58. In case of any accident involving Contractor or his workman ,if departmental enquiry concludes that accident has taken place due to violation of any safety norms by contractor or his staff or due to any unsafe act performed by his staff during execution of the job ,HURL reserves the right to impose appropriate penalty depending on the nature of the accident.
59. The contractor will be responsible to bring his staff inside the Plant against a proper gate pass issued by HURL.As and when any of the contractor's working staff holding the gatepass ceases to remain in service for this contract job ,the corresponding Gate pass of that person is to be immediately surrendered to HURL by the contractor. Failing compliance to this clause will be treated as breach of security rules.
60. 02 numbers Flame proof (Intrinsically Safe) Mobile phone (IIA-IIB Area) without camera for timely communication during operation & maintenance team of HVAC in plant area & attending any complaint available on 24X7X365 basis. The monthly mobile bill shall be paid by bidder.

61. 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 15 days shall be provided to start the job after written/verbal communication.

62. (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.

63. 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

64. 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.

65. 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.

66. 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.

67. 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

68. 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 Point No. 5. 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 Point No. 3 (i.e. Safety PPE's) 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.

69. PENALTY

- a. In case the temperature remains more than limit specified above in Scope of Work section A clause 8, the penalty @Rs 500 /- per day per system shall be imposed on the contractor and recovery will be made from running monthly bills.
- b. The repairing / replacement of compressor, repairing / replacement of cards (all types).

After the releasing of spare parts by HURL ,if not done within 192 Hrs. @ Rs. 1000/- per day.

- c. Further if any of the working or stand by units in any plant remains under breakdown for reasons solely attributable to the contractor and not rectified within 15 days , a penalty of 5% of respective monthly bill of plant shall be levied.
- d. In case of absence of Supervisor, a penalty of Rs 1000/-per day would be imposed.
- e. In case of absence of HVAC Technician/Electrician or Helper, a penalty of Rs 500/-per day per person would be imposed during planned maintenance jobs.
- f. If the operator is found to be absent in any shift , then a penalty of Rs 500/- per operator per shift shall be imposed on the contractor and the same shall be deducted from the contractor's monthly bill.
- g. If any of the working or standby units remains under breakdown condition for more than 6 hrs, a penalty of Rs 1000/- per hour (after expiry of allowable rectification time) shall be levied.

Requisite Qualification/ Experience of Manpower for operation and maintenance job:

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

Site Supervisor cum store keeper	HVAC Engineer or BE(Mechanical) with 10 years Experience in HVAC systems. Well conversant and competent in field of Operation and maintenance of HVAC/AC/PAC .Supervisory experience mandatory.
Electrical Engineer	B.E(Electrical) with 3 years experience /Diploma(Electrical) with 5 years experience
HVAC Technician	Diploma / ITI in Refrigeration and Air Conditioning with minimum 5 years' Experience
Electrician	ITI in Electrical with minimum 5 years' Experience
Electrical cum HVAC Helper	ITI 1 Years/Unskilled 3 years' Experience
Operator	ITI in Refrigeration and Air Conditioning with minimum 3 years' Experience

Key Deliverables for complete contract :

- Routine Inspection, Condition Monitoring & Defect report generation
- Attending defects based on report generated by Process dept
- Troubleshooting skills for heating and cooling system
- Maintaining air and water treatments in HVAC system
- 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.

3. SAFETY PPE's

Sr. No.	Description of safety PPE's
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	First aid box
11	Fall Arrestor if required.

4. LIST OF CONSUMABLES

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
- Araldite, feviquick
- Emery paper of different grades
- Good quality markin cloth
- Cotton waste
- White petroleum jelly
- Tarpin Oil
- Detergents
- DP KIT
- Red Oxide/Paint
- Jal Coat (Varnish)
- Thinner 221
- Hardner
- Marker Pen
- Lock tite -406
- Scotch brite
- Gas (LPG+O2)
- Welding Rod (2.5 & 3.15 mm)
- All type of grinding wheel
- Thermal insulation
- Acoustic Insulation

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

5. LIST OF TOOLS

Sr. No.	LIST OF TOOLS FOR EACH OPERATION PERSONNEL	
1	Voltage Tester	1 No
2	Temperature Gun	1 No
3	Vibration Pen	1 No
4	Portable torch	1 No
5	Psychrometer	1 No
	TOOLBOX FOR EACH HVAC TECHNICIAN/ELECTRICIAN FOR MAINTENANCE (Containing Following)	
	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	
10	Nut driver	
11	Crimping tool 0.5 to 10mm	
12	Wire Stripper	
13	Nose Pliers	
14	Screw Driver Small insulated	
15	Mallet	
16	Hack Saw Junior	
17	Screw driver Set	
18	Knife	
19	Tool tie for working at height	
20	Fuse puller	
21	Portable Torch	

Sr No.	Tools to be maintained for General use at contractor store	Qty
1	Motor Checker	1 Nos
2	Air Blower	2 Nos
3	Industrial Vacuum Cleaner	1 nos
4	Hot Blower	1 nos
5	D Shackle	1 nos
6	Chain Block 1 tons	1 nos
7	Single phase Welding machine Portable	1 nos
8	Portable drill machine	1 nos
9	Hole saw cutter set	1 set
10	Bearing fitting Tool SKF	1 nos
11	Grease Gun	2 nos
12	Box Spanner set Up to 36 mm with ratchet	1 nos
13	Spanner Set Ring & Fix up to 36	2 sets
14	Pipe Spanner Up to 36 MM	1 nos.
15	Allen key set Up to 30mm	2 sets
16	Crimping tools Up to 150Sq mm(Hydraulic preferred)	1 sets
17	Crimping tool for sleeve lugs up to 6MM	1 nos
18	Crimping tool for RJ45 connector	1nos
19	Lan tester	1nos
20	Screw Driver Set Big size	1 nos
21	Trolley Hydraulic for shifting material 1 tons	1 nos
22	Vernier caliper	1nos
23	Ladders	2 nos
24	File set	2 nos
25	PPE rope	20 mtrs
26	Grinding/cutting machine small	1 no
27	hand Lamps 24V with power pack	3 nos
28	Extension board Industrial Type with 20 mtrs. cable	2 nos
29	Extension Board Domestic with 10 mtrs .cable	2 nos
30	soldering iron, de-soldering set	1 sets
31	Silicon Sealant Gun	1 nos
32	Non sparking tools (spanner set & screw driver for hydrogen plant)	1 set

6. Areas where HVAC, Pressurization & PAC systems are installed are broadly given below (for indicative purpose only):

Location	HVAC(1W+1S) (in TR)	Pressurisation (1W+1S) (in CFM)	Package AC (in TR)
EDG Room			17
CCR	130		
SWYD			22
MSS		24000	
CPP CR	101		
Urea	22	23000	
Lab Building	170		
Cooling Tower SS	26	52000	
Ammonia SS	110	59000	
Ammonia Storage SS	26	32000	
Ammonia Storage Control Room	26		
Utility SS		61900	
Analyser shelters	34		
Bagging plant	34	107000	

7. EQUIPMENT LIST

EQUIPMENT LIST								
SR NO	EQUIPMENT LIST	CAPACITY / SIZE	QUANTITY	TAG	MODEL NO.	MFG NAME	DIMENSION (MM)	WEIGHT (KG)
1	CENTRAL CONTROL BUILDING							
2	WATER COOLED CHILLER UNIT	130 TR	2(1 W + 1 S)	B81-CH-0001A/B	KWK-145.14	KIRLOSKAR	4225 L X 2200 H X 1630 W	5540 KG
3	CHILLED WATER PUMP	79 CMH	2(1 W + 1 S)	B81-P-0001A/B	MISO 100-315	WILO	1439 L X 565 H X315 W	497 KG
4	CLOSED TYPE EXPANSION TANK	300 LITRE	1W	B81-CE-0001	CET-C-300	ANERGY	650 MM DIA & 1250 MM HEIGHT	70 KG
5	AIR SEPARATOR	90 LITRE	1W	B81-AS-0001	MBDS-150FF	ANERGY	325 MM DIA & 1050 MM HEIGHT	70 KG
6	PRESSURIZATION UNIT	2 CMH	1W	B81-PU-0001	PSU 225	ANERGY	325 L X 550 W	5 KG
7	AIR HANDLING UNIT (AIR SYSTEM-1)	27500 CFM (67 TR)	2(1 W + 1 S)	B81-U-0001A/B	ETU300H	EDGE TECH	4270 L X 2880 H X 2400 W	3110 KG
8	CHEMICAL FILTER UNIT (AIR SYSTEM-1) WITH 100% STANDBY CAPACITY OF FANS AND MOTOR (NOTE-1)	2900 CFM	1W	B81-CF-0001	DBS506-2P-12M-6M-6M-4F	PURAFIL	3331 L X 1508H X 1805 W	3910 KG
9	AIR HANDLING UNIT (AIR SYSTEM-2)	27500 CFM (62 TR)	2(1 W + 1 S)	B81-U-0002A/B	ETU300H	EDGE TECH	4630 L X 2880 H X 2400W	3110 KG
10	CHEMICAL FILTER UNIT (AIR SYSTEM-2) WITH 100% STANDBY CAPACITY OF FANS AND MOTOR (NOTE-1)	2400 CFM	1W	B81-CF-0002	DBS604-2P-12M-6M-6M-4F	PURAFIL	3331 L X 1808H X 1206 W	2367 KG
11	PAN HUMIDIFIER (AHU ROOM-1)	21 kW	1W	B81-PH-0001	RC-21	RAPID COOL	775 L X 675 H X 400 W	45 KG
12	PAN HUMIDIFIER (AHU ROOM-2)	18 Kw	1W	B81-PH-0002	RC-18	RAPID COOL	725 L X 650 H X 400 W	40 KG
13	HVAC ELECTRIC (POWER & CONTROL) PANEL(CHILLER PLAN ROOM) (AHU ROOM-1)	158.5 kW	1W	B81-HVAC-0002	-	INTERLEC	6300 L X 2350 H X 500 W	4700 KG
14	HVAC ELECTRIC (POWER) PANEL(CHILLER PLANT ROOM)	109kW	1W	B81-HVAC-0003	-	INTERLEC	4200 L X 2350 H X 500 W	3300 KG
15	HVAC ELECTRIC (POWER) PANEL(CHILLER PLANT ROOM)	184.5 kW	1W	B81-HVAC-0001	-	INTERLEC	4300 L X 2350 H X 500 W	3300 KG
16	FAN DB-1	3.62 kW	1W	B81-HVAC-0004		INTERLEC	1250 L X 1000 H X 300 W	130 KG
17	FAN DB-2	0.46 kW	1W	B81-HVAC-0004		INTERLEC	950 L X 1000 H X 300 W	130 KG
18	DUCT HEATER (CONSOLE ROOM)	36 kW	1W	B81-ESH-0001	-	ALCO	1400 L X 450 H X 200 W	60 KG
19	DUCT HEATER(OTHER AREAS)	48 kW	1W	B81-ESH-0002	-	ALCO	1600 L X 600 H X 200 W	70 KG
20	DUCT HEATER(RACK ROOM)	39 kW	1W	B81-ESH-0003	-	ALCO	900 L X 450 H X 200 W	65 KG
21	DUCT HEATER(OTHER AREAS)	27 kW	1W	B81-ESH-0004	-	ALCO	1600 L X 600 H X 200 W	50 KG
22	FANS							
23	CHILLER PLANT ROOM	7500 CFM	2(1 W + 1 S)	B81-VAF-0500A/B	TDA630V	KRUGER	500 L X 630 DIA	34.7 KG
24	CLEAN AGENT ROOM & INST. MAINT.ROOM	3960 CFM	2(1 W + 1 S)	B81-VAF-0501A/B	TDA500V	KRUGER	500 L X 500 DIA	25.9 KG
25	BATTERY ROOM (NOTE-2)	6600 CFM	2(1 W + 1 S)	B81-SPF-0500A/B	TDA630L	KRUGER	500 L X 630 DIA	24 KG

EQUIPMENT LIST								
SR NO	EQUIPMENT LIST	CAPACITY / SIZE	QUANTITY	TAG	MODEL NO.	MFG NAME	DIMENSION (MM)	WEIGHT (KG)
26	GENTS TOILET,LADIES TOILET,LADIES TOILET,PH TOILET	1200 CFM	2(1 W + 1 S)	B81-INLF-0500A/B	CCD 9-7-245W-4P-1 3SY	KRUGER	550 L X 440 H X 460 W	26 KG
27	PANTRY	450 CFM	2(1 W + 1 S)	B81-INLF-0501A/B	TSK II 200L	KRUGER	223 L X 333 DIA	5 KG
28	LOCKERS CHANGE ROOM & LADIES CHANGE ROOM	360 CFM	2(1 W + 1 S)	B81-INLF-0502A/B	MTD 200	KRUGER	568 L X 264 DIA	8.7 KG
29	LABORATORY							
30	WATER COOLED CHILLER UNIT	167 TR	2(1 W + 1 S)	B82-CH-0001A/B	KWK-185.14	KIRLOSKAR	4225 L X 2200 H X 1730 W	5660 KG
31	CHILLED WATER PUMP	101 CMH	2(1 W + 1 S)	B82-P-0001A/B	MISO 100-315	WILO	1439 L X 565 H X 315 W	497 KG
32	CLOSED TYPE EXPANSION TANK (CHILLER PLANT ROOM)	300 LITRE	1W	B82-CE-0001	CET-C-300	ANERGY	650 MM DIA & 1250 MM HEIGHT	70 KG
33	AIR SEPARATOR (CHILLER PLANT ROOM)	90 LITRE	1W	B82-AS-0001	MBDS-150FF	ANERGY	325 MM DIA & 1060 MM HEIGHT	70 KG
34	PRESSURIZATION UNIT	2 CMH	1W	B81-PU-0001	PSU 225	ANERGY	352 L X 500 W	5 KG
35	AIR HANDLING UNIT (AHU ROOM)	23000 CFM	1W	B82-U-0001A/B	ETU230H	EDGE TECH	4330 L X 2330 H X 3050 W	2790 KG
36	PAN HUMIDIFIER(AHU ROOM)	100 Kw	1W	B82-PH-0001	RC-100	RAPID COOL	1400 L X 1150 H X 700 W	120 KG
37	PAN HUMIDIFIER(AHU ROOM)	4.5 Kw	1W	B82-PH-0002	RC-4	RAPID COOL	725 L X 600 H X 360 W	30 KG
38	HVAC ELECTRIC (POWER) PANEL(CHILLER PLANT ROOM)	362.1 kW	1W	B82-HVAC-0001	-	INTERLEC	5400 L X 2350 H X 500 W	4300 KG
39	HVAC ELECTRIC (POWER) PANEL(AHU ROOM)	31.47 kW	1W	B82-HVAC-0003	-	INTERLEC	2300 L X 1900 H X 500 W	1300 KG
40	HVAC ELECTRIC (POWER) PANEL(AHU ROOM)	176.47 kW	1W	B82-HVAC-0002	-	INTERLEC	6000 L X 2350 H X 500 W	5000 KG
41	HVAC LOCAL DB-1	0.41 kW	1W	B81-HVAC-0004		INTERLEC	1100 L X 1000 H X 250 W	130 KG
42	DUCT HEATER (PORTABLE ANALYZER & PROCESS LAB)	27 kW	1W	B82-ESH-0001	-	ALCO	425 L X 400 H X 200 W	52 KG
43	DUCT HEATER(GC ROOM & GLASSWARE ROOM)	69 kW	1W	B82-ESH-0002	-	ALCO	875 L X 400 H X 200 W	85 KG
44	DUCT HEATER(WATER TESTING & BALANCE ROOM)	36 kW	1W	B82-ESH-0003	-	ALCO	550 L X 400 H X 200 W	60 KG
45	DUCT HEATER(SAMPLE PREPARATION ROOM)	42 kW	1W	B82-ESH-0004	-	ALCO	550 L X 400 H X 200 W	65 KG
46	DUCT HEATER(ELEMENTAL ROOM)	39 kW	1W	B82-ESH-0005	-	ALCO	525 L X 400 H X 200 W	65 KG
47	DUCT HEATER(SAMPLE RECEPTION CHEMICAL STORE & AIRLOCK)	24 kW	1W	B82-ESH-0006	-	ALCO	600 L X 250 H X 200 W	45 KG
48	DUCT HEATER(CORRIDOR)	3 kW	1W	B82-ESH-0007	-	ALCO	600 L X 250 H X 200 W	20 KG
49	DUCT HEATER(OFFICE AREA)	24 kW	1W	B82-ESH-0008	-	ALCO	800 L X 250 H X 200	45 KG
50	FANS							

EQUIPMENT LIST								
SR NO	EQUIPMENT LIST	CAPACITY / SIZE	QUANTITY	TAG	MODEL NO.	MFG NAME	DIMENSION (MM)	WEIGHT (KG)
51	CHILLER PLANT ROOM	3900 CFM	2 (1 W + 1 S)	B82-VAF-0500A/B	TDAS00V	KRUGER	500 L X 500 DIA	25.9 KG
52	BATTERY ROOM (NOTE-2)	1700 CFM	2 (1 W + 1 S)	B82-5PF-0500A/B	TDAS00L	KRUGER	500 L X 500 DIA	16 KG
53	GENTS TOILET & JANITOR ROOM	390 CFM	2 (1 W + 1 S)	B82-INLF-0500A/B	MTD200	KRUGER	568 L X 264DIA	8.7 KG
54	LADIES TOILET	210 CFM	2 (1 W + 1 S)	B82-INLF-0501A/B	MTD160	KRUGER	484 L X 221 DIA	6 KG
55	STORE ROOM	120 CFM	2 (1 W + 1 S)	B82-INLF-0502A/B	MTD160	KRUGER	484 L X 221 DIA	6 KG
56	SISW BACKWARD CURVE BELT DRIVEN CENTRIFUGAL FAN	8600 CFM	4 (2 W + 2 S)	B82-EF-0500A/B/C/D	BS8710UIM	KRUGER	1302 L X 1120 H X 1103 W	285 KG
57	GTG MAIN SUBSTATION AND CONTROL ROOM							
58	WATER COOLED CONDENSING UNIT	101 TR	2 (1 W + 1 S)	B47-CD-0001A/B	ACWDUX101P05L92R	VOLTAS	4270 L X 2100 H X 1200 W	1023 KG
59	AIR HANDLING UNIT	45000 CFM	2 (1 W + 1 S)	B47-U-0001A/B	ETU-500H	EDGTECH	4630 L X 2880 H X 4200 W	5090 KG
60	PAN HUMIDIFIER	24kW	1W	B47-PH-0001	RC-24	RAPIDCOOL	775 L X 675 H X 400 W	45 KG
61	CHEMICAL FILTER UNIT WITH 100% STANDBY CAPACITY OF FANS AND MOTOR (NOTE-1)	3550 CFM	1W	B47-CF-0001	DBS 606-2P-12M-6M-6M-4F	PURAFIL	3331 L X 1808 H X 1805 W	3367 KG
62	AIR WASHER UNIT 100% STANDBY CAPACITY OF FANS AND MOTOR	32353 CFM	2W	B47-AWU-0001A/B	AW-550-AVPL	AVPL	3740 L X 2550 H X 4600 W	3215 KG
63	HVAC (POWER) PANEL (CONDENSING UNIT ROOM)	45.74 kW	1W	B47-HVAC-0001	-	INTERLEC	4100 L X 2350 H X 500 W	2800 KG
64	FAN DB (CONDENSING UNIT ROOM)	250.8 kw	1W	B47-HVAC-0003	-	INTERLEC	2040 L X 1100 H X 500 W	500 KG
65	POWER PANEL WITH MARSHALLING BOX (AIR WASHER ROOM)		1W	B47-HVAC-0002	-	INTERLEC	7100 L X 2350 H X 500 W	5700 KG
66	HVAC (CONTROL) PANEL (AHU ROOM)	0.6 kW	1W	B47-HVAC-0002	-	INTERLEC	1000 L X 2150 H X 500 W	
67	FAN DB (CONDENSING UNIT ROOM)		1W	B47-HVAC-0005	-	INTERLEC	900 L X 800 H X 500 W	500 KG
68	DUCT HEATER (EPBAX ROOM, RACK ROOM, AIRLOCK)	30 kW	1W	B47-ESH-0003	-	ALCO	950 L X 800 H X 200 W	60 KG
69	DUCT HEATER (ENGINEERS ROOM, BATTERY CHARGER ROOM, SHIFT INCHARGE ELECTRICAL, INSTRUMENT, PROCESS)	21 kW	1W	B47-ESH-0002	-	ALCO	1000 L X 800 H X 200 W	42 KG
70	DUCT HEATER (LMS ROOM, CONSOLE ROOM AND AIRLOCK)	24 kW	1W	B47-ESH-0001	-	ALCO	1400 L X 500 H X 200 W	65 KG
71	DUCT HEATER (GROUND FLOOR)	30 kW	1W	B47-ESH-0004	-	ALCO	900 L X 500 H X 200 W	55 KG
72	FANS							
73	CONDENSING UNIT ROOM	10200 CFM	2 (1 W + 1 S)	B47-VAF-0500A/B	TDAS800V	KRUGER	560 L X 800 DIA	70.5 KG
74	CLEAN AGENT ROOM	660 CFM	2 (1 W + 1 S)	B47-INLF-0504A/B	CCD 7-7- 150W-4P-1 15K	KRUGER	440 L X 402 H X 395 W	18 KG
75	INST. MAINT. ROOM	480 CFM	2 (1 W + 1 S)	B47-INLF-0503A/B	TSK II 250L	KRUGER	206 L, 333 DIA	6 KG

EQUIPMENT LIST								
SR NO	EQUIPMENT LIST	CAPACITY / SIZE	QUANTITY	TAG	MODEL NO.	MFG NAME	DIMENSION (MM)	WEIGHT (KG)
76	BATTERY ROOM (NOTE-2)	7680 CFM	2 (1 W + 1 S)	B47-SPF-Q500A/B	TD4630L	KRUGER	500 L X 630 DIA	24 KG
77	GENTS TOILET, PH TOILET, PH TOILET	780 CFM	2 (1 W + 1 S)	B47-INLF-0508A/B	CCD 7-7- 150W-4P-1 15K	KRUGER	440 L X 402 H X 395 W	18 KG
78	PANTRY	330 CFM	2 (1 W + 1 S)	B47-INLF-0505A/B	TSK II 160L	KRUGER	222 L X 333 DIA	5 KG
79	LOCKERS CHANGE ROOM+JANITOR	300 CFM	2 (1 W + 1 S)	B47-INLF-0507A/B	TSK II 160L	KRUGER	222 L X 333 DIA	5 KG
80	LADIES CHANGE ROOM	150 CFM	2 (1 W + 1 S)	B47-INLF-0506A/B	TSK II 125L	KRUGER	195 L X 243 DIA	3 KG
81	CABLE VAULT	8100 CFM	3 (2W + 1 S)	B47-VAF-0501A/B/C	TD4710V	KRUGER	510 L X 710 DIA	64.5 KG
82	ELECTRICAL STORE ROOM FIRST FLOOR	600 CFM	2 (1 W + 1 S)	B47-INLF-0500A/B	CCD 7-7- 150W-4P-1 15K	KRUGER	395 L X 402 H X 395 W	18 KG
83	GENTS TOILET FIRST FLOOR,LADIES TOILET FIRST FLOOR	360 CFM	2 (1 W + 1 S)	B47-INLF-0501A/B	TSK II 160L	KRUGER	222 L X 333 DIA	5 KG
84	CORRIDOR (FF)	1320 CFM	2 (1 W + 1 S)	B47-INLF-0502A/B	CCD 9-9T- 350W-4P-1 35K	KRUGER	550 L X 380 H X 400 W	24 KG
85	SS2 UREA SUBSTATION							
86	WATER COOLED CONDENSING UNIT	21 TR	2 (1 W + 1 S)	B21-CD-0001A/B	ACWCUS023DPMNZX115	VOLTAS	2300 L X 1125 H X 1250 W	822 KG
87	AIR HANDLING UNIT	10000 CFM	2 (1 W + 1 S)	B21-U-0001A/B	ETU 100 H	EDGTECH	3380 L X 1530 H X 2180 W	1320 KG
88	PAN HUMIDIFIER	3 Kw	1W	B21-PH-0001	RC3	RAPIDCOOL	725 L X 600 H X 350 W	30 KG
89	CHEMICAL FILTER UNIT WITH 100% STANDBY CAPACITY OF FANS AND MOTOR (NOTE-1)	400 CFM	1W	B21-CF-0001	DBS 402-2P-6M-6M-6M-4F	PURAFIL	2743 L X 1207 H X 602 W	820 KG
90	AIR WASHER UNIT 100% STANDBY CAPACITY OF FANS AND MOTOR	24000 CFM	2W	B21-AWU-0001A/B	AW-410-AVPL	AVPL	3580 L X 2550 H X 4100 W	2545 KG
91	HVAC (POWER & CONTROL) PANEL (AHU ROOM)	100.56 kW	1W	B21-HVAC-0001	-	INTERLEC	6300L X 2400 H X 500 W	6200 KG
92	LOCAL DB(AHU ROOM)	4 kW	1W	B21-HVAC-0002	-	INTERLEC	1250 L X1000 W X 300 W	130 KG
93	HVAC (POWER) PANEL (AWU ROOM)	30.78 kW	1W	B21-HVAC-0001	-	INTERLEC	3300L X 2350 H X 500 W	2700 KG
94	DUCT HEATER	30 kW	1W	B21-ESH-0001	-	ALCO	1200 L X 500 W X 300 W	65 KG
95	FANS							
96	MAINTANANCE ROOM	360 CFM	2 (1 W + 1 S)	B21-INLF-0501A/B	MTD 200	KRUGER	568 L, 264 DIA	8.7 KG
97	BATTERY ROOM (NOTE-2)	1700 CFM	2 (1 W + 1 S)	B21-SPF-Q500A/B	TD4500L	KRUGER	500 L X 500 DIA	16 KG
98	STORE ROOM	360 CFM	2 (1 W + 1 S)	B21-INLF-0502A/B	MTD 200	KRUGER	568 L X 264 DIA	8.7 KG
99	GENTS TOILET,LADIES TOILET(GF)	660 CFM	2 (1 W + 1 S)	B21-INLF-0500A/B	MTD 200	KRUGER	568 L X 264 DIA	8.7 KG
100	CABLE VAULT	5250 CFM	3 (2W + 1 S)	B21-VAF-0501A/B/C	TD4560V	KRUGER	500 L X 560 DIA	32.5 KG
101	CONDENSING UNIT ROOM	1860 CFM	2 (1 W + 1 S)	B21-VAF-0500A/B	TD4400V	KRUGER	355 L X 400 DIA	17 KG

EQUIPMENT LIST								
SR NO	EQUIPMENT LIST	CAPACITY / SIZE	QUANTITY	TAG	MODEL NO.	MFG NAME	DIMENSION (MM)	WEIGHT (KG)
102	GENTS TOILET & LADIES TOILET (FF)	360 CFM	2 (1 W + 1 S)	B21-INLF-0503A/B	CCD 7-7-150W-4P-1 1SK	KRUGER	440 L X 402 H X 395 W	18 KG
103	SWITCHYARD CONTROL ROOM							
104	AIR COOLED CONDENSING UNIT	22TR	2 (1 W + 1 S)	B80-PAC-0001A/B	DPA2642R2	BLUESTAR	1435 L X 947 H X 635 W	130 KG
105	PACKAGED UNIT	22 TR	2 (1 W + 1 S)	B80-PK-0001A/B	DPA2642R2	BLUESTAR	1500 L X 1950 H X 930 W	500 KG
106	PAN HUMIDIFIER	3 kW	1W	B80-PH-0001	RC-3	RAPIDCOOL	725 L X 600 H X 350 W	30 KG
107	CHEMICAL FILTER UNIT WITH 100% STANDBY CAPACITY OF FANS AND MOTOR (NOTE-1)	450 CFM	1W	B80-CF-0001	DB5 402-2P-6M-6M-6M-4F	PURAFIL	2743 L X 1207 H X 602 W	820 KG
108	POWER PANEL WITH MICROPROCESSOR (HVAC ROOM)	44.62 KW	1W	B80-HVAC-0001	-	INTERLEC	5000 L X 2350 H X 500 W	2800 KG
109	LOCAL DB(HVAC ROOM)	0.68 kW	1W	B80-HVAC-0002	-	INTERLEC	950 L X 850 H X 500 W	130 KG
110	DUCT HEATER	15kW	1W	B80-ESH-0001	-	ALCO	1200 L X 550 H X 200 W	32 KG
111	FANS							
112	CLEAN AGENT ROOM	210 CFM	2 (1 W + 1 S)	B80-INLF-0500A/B	MTD 160	KRUGER	484 L,221 DIA	6 KG
113	BATTERY ROOM (NOTE-2)	1700 CFM	2 (1 W + 1 S)	B80-SPF-0500A/B	TDA500L	KRUGER	500 L X 500 DIA	16 KG
114	GENTS TOILET AND LADIES TOILET	120 CFM	2 (1 W + 1 S)	B80-INLF-0501A/B	MTD 160	KRUGER	484 L,221 DIA	6 KG
115	EDG BUILDING							
116	AIR COOLED CONDENSING UNIT	8.5 TR	2 (1 W + 1 S)	B42-PAC-0001A/B	DSA1021R2	BLUESTAR	1200L X 945 H X 550W	160 KG
117	SPLIT AC	8.5 TR / 3400 CFM	2 (1 W + 1 S)	B42-PK-0001A/B	DSA1021R2	BLUESTAR	1475 L X 460 H X 650 W	85KG
118	FANS							
119	DG PANEL ROOM	7000 CFM	2 (1 W + 1 S)	B42-VAF-0500A/B	TDA630V	KRUGER	500 L X 630 DIA	34.7 KG
120	BATTERY ROOM (NOTE-2)	2100 CFM	2 (1 W + 1 S)	B42-SPF-0500A/B	TDA500L	KRUGER	500 L X 500 DIA	16 KG
121	HVAC DB(DG SWITCHGEAR ROOM)	8.55 Kw	1W	B42-HVAC-0001	-	INTERLEC	3000 L X 2350 H X 500 W	2000 KG
NOTE 1-THE BATTERY ROOM EXHAUST FANS ARE ACID RESISTANT TYPE PLEASE REFER DOCUMENT NO-077625-B80-SR-3480-0001-A1001-013								
NOTE 2-THE AIR INTAKE ARRANGEMENT FOR CHEMICAL FILTER UNIT IS PROVIDED WITH WEATHER LOUVER, BIRDSCREEN AND DAMPER , THE SAME IS SHOWN IN RESPECTIVE BUILDING DUCTING LAYOUT.								
NOTE 3-ALL EXHAUST FAN IS PROVIDED WITH RAIN PROTECTION COWL,BIRDSCREEN AND NECESSARY DAMPERS , THE SAME IS SHOWN IIN RESPECTIVE BUILDING DUCTING LAYOUT.								
Ducting layout references: 1.HVAC - Ducting Layout including Foundation Drawing for Central Control Building 077625-B80-SR-3480-0001-A0103A-012 2.HVAC - Ducting Layout including Foundation Drawing for GTG Main Substation and Control Room 077625-B80-SR-3480-0001-A0103A-013 3.HVAC - Ducting Layout including Foundation Drawing for SS2 Urea Substation 077625-B80-SR-3480-0001-A0103A-014 4.HVAC - Ducting Layout including Foundation Drawing for Switchyard Control Room 077625-B80-SR-3480-0001-A0103A-015 5.HVAC - Ducting Layout including Foundation Drawing for Laboratory 077625-B80-SR-3480-0001-A0103A-016 6.HVAC - Ducting Layout including Foundation Drawing for Laboratory 077625-B80-SR-3480-0001-A0103A-017								

BIDDER SIGN AND STAMP

EQUIPMENT LIST FOR HURL BARAUNI HVAC PACKAGE																					
Building		Ammonia Substation Building (SS-01)					Cooling Tower Substation Building (SS-03)					Ammonia Storage Substation Building (SS-04)					Ammonia Storage Control Room Building (CR-03)				
S No	Type of Unit	Size		A/P	Selected Capacity	Unit (Configuration)	Unit Tag Number	Size		A/P	Selected Capacity	Unit (Configuration)	Unit Tag Number	Size		A/P	Selected Capacity	Unit (Configuration)	Unit Tag Number		
		Length X Width X Height	Selected CFM					Length X Width X Height	Selected CFM					Length X Width X Height	Selected CFM						
1	Air Handling Unit	4350mm X 4250mm X 3130mm	56500	111.23 TR	2 (1W+1S)	811-U-0001A/1B	2660mm X 1750mm X 1880mm	10500	26.94 TR	2 (1W+1S)	857-U-0001A/1B	2660mm X 1750mm X 1880mm	11000	25.31 TR	2 (1W+1S)	853-U-0002A/2B	2530mm X 1800mm X 1530mm	9200	26.12 TR	2 (1W+1S)	853-U-0005A/2B
2	Air Washer Unit (100% Standby Capacity of Fan & Motor)	4350mm X 3450mm X 2400mm	34706	34706 CFM	1	811-U-0002A	4350mm X 3500mm X 2150mm	30588	30588 CFM	1	857-U-0002A	3300mm X 3200mm X 2850mm	18824	18824 CFM	1	853-U-0003A	NA	NA	NA	NA	NA
3	Water Cooled Condensing Unit	4270mm X 1200mm X 2400mm	NA	101 TR	2 (1W+1S)	811-U-0003A/1B	2300mm X 1250mm X 1425mm	NA	22.8 TR	2 (1W+1S)	857-U-0003A/1B	2300mm X 1250mm X 1425mm	NA	22.8 TR	2 (1W+1S)	853-U-0005A/1B	2300mm X 1250mm X 1425mm	NA	22.8 TR	2 (1W+1S)	853-U-0004A/1B
4	Strip Heater in Ducting	1950mm X 200mm X 450mm, 2150mm X 200mm X 700mm & 2350mm X 200mm X 500mm	NA	14.25 & 30 KW	3	811-OH-0001A/2A/3A	3050mm X 200mm X 600 mm	NA	32 KW	1	857-OH-0001A	1300mm X 200mm X 600mm	NA	30 KW	1	853-OH-0002A	1200mm X 200mm X 500 mm	NA	35 KW	1	853-OH-0001A
5	Chemical Filter Unit (100% Standby Capacity of Fan & Motor)	3748mm X 1212mm X 2032mm	1000	1000 CFM	1	811-CF-0001A	3638mm X 1112mm X 1802mm	500	500 CFM	1	857-CF-0001A	3638mm X 1112mm X 1802mm	500	500 CFM	1	853-CF-0002A	3788mm X 1112mm X 1802mm	750	750 CFM	1	853-CF-0001A
6	Humidifier Units	725mm X 325mm X 275mm	NA	4.5 KW	1	811-PH-0001A	725mm X 325mm X 275mm	NA	3 KW	1	857-PH-0001A	725mm X 325mm X 275mm	NA	1.5 KW	1	853-PH-0002A	725mm X 325mm X 275mm	NA	3 KW	1	853-PH-0001A
7	Inline Fan(Talkie)	150mm dia	300	0.1 KW	2 (1W+1S)	811-F-0001A/1B	150mm dia	300	0.1 KW	2 (1W+1S)	857-F-0001A/1B	NA	NA	NA	NA	NA	200mm dia	400	0.145 KW	2 (1W+1S)	853-F-0001A/1B
8	Inline Fan(Store Room)	150mm dia	300	0.1 KW	2 (1W+1S)	811-F-0002A/2B	150mm dia	300	0.1 KW	2 (1W+1S)	857-F-0002A/2B	150mm dia	250	0.1 KW	2 (1W+1S)	853-F-0003A/1B	NA	NA	NA	NA	NA
9	Inline Fan(Passage Area)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200mm dia	400	0.145 KW	2 (1W+1S)	853-F-0002A/2B
10	Propeller Fan (Clean agent Room)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	300mm dia	250	0.072 KW	2 (1W+1S)	853-F-0005A/5B
11	Tube Axial Fan (AC Plant Room)	500mm dia	3000	0.75 KW	2 (1W+1S)	811-F-0003A/1B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12	Tube Axial Fan (Cable Gallery)	500mm dia	4000	1.1 KW	5 (4W+1S)	811-F-0004A/4B/5A/5A/7A	500mm dia	4000	1.1 KW	4 (3W+1S)	857-F-0005A/1B/NA/5A	500mm dia	4600	1.1 KW	3 (2W+1S)	853-F-0004A/4B/5A	NA	NA	NA	NA	NA
13	Explosion proof & Corrosion Proof Fan for Battery Rooms	650mm x 550mm x 650mm	2700	1.1 KW	2 (1W+1S)	811-F-0005A/1B	650mm x 550mm x 650mm	2700	1.1 KW	2 (1W+1S)	857-F-0007A/7B	650mm x 550mm x 650mm	2700	1.1 KW	2 (1W+1S)	853-F-0007A/7B	NA	NA	NA	NA	NA
14	Corrosion Monitor (Rack Room)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	140mm X 45mm X 90mm	NA	NA	2	853-CM-0001A/1B
15	Power Panel (HVAC Room)	7950mm X 500mm X 2350mm	NA	NA	1	811-HPP-0001A	5900mm X 500mm X 2350mm	NA	NA	1	857-HPP-0001A	5900mm X 500mm X 2350mm	NA	NA	1	853-HPP-0002A	4300mm X 500mm X 2350mm	NA	NA	1	853-HPP-0001A
16	Control Panel (HVAC Room)	1200mm X 500mm X 2000mm	NA	NA	1	811-HCP-0001A	1000mm X 500mm X 2000mm	NA	NA	1	857-HCP-0001A	1000mm X 500mm X 2000mm	NA	NA	1	853-HCP-0002A	1000mm X 500mm X 2000mm	NA	NA	1	853-HCP-0001A

Abbreviation :-
1) A/P - Air Flow
2) Qty - Quantity
3) Note - Numbers
4) NA - Not applicable
5) CFM - Cubic Feet per minute
6) TR - Tonnage
7) KW - kilowatts
8) W - Working
9) S - Standby

Equipment List of Pressurisation system in Utility SS

	AIR PRESSURIZATION SYSTEM		
a	Drive belt(motor to fan)	Nos.	5
b	Set of DE & NDE bearings for all motors	Set	1
c	Humidity sensor	No.	1
d	Manometer	No.	1
e	Damper limit switches	Nos.	2
f	Power contactors	Nos.	2
g	Auxilliary contactors	Nos.	6
h	Overload relays	Nos.	2
i	Louvers	Set	1
j	Push button actuator type	Nos.	4
k	Water level float level	No.	1
l	Cooling fans for motors	No.	1
m	Grease, Nipple & Plug	Nos.	2
n	Fan Cover for Motor	No.	1
o	Terminal studs/bushing Assembly	No.	1
p	Set of blower bearings	Set	1
q	Bellow (of each type)	No.	1
r	Motor housing DE/NDE side	Set	1
s	Pre-filter (50% of installed qty.)	Lot.	1
t	Fine filter (50% of installed qty.)	Lot.	1
u	Complete water pump with motor & coupling including Complete coupling sets for V-belt mounting at motor & blower end	Set	1
v	Strainer in suction	Set	1

Equipment list for Bagging Plant Pressurisation system

ITEM	DESCRIPTION	QTY.	DIM/TYPE	MATERIAL	MAKE
1	AIR FILTER WITH FRAME	25 NOS.	610 X 610 X 50	HDPE	EFE
2	AIR WASHER CHAMBER	1 NO.	2 MM (SS304)	SS304	EFE
3	BRANCH SPRAY PIPE	1 NOS.	25 NB. (MEDIAM)	G.I.	JINDAL
4	DISTRIBUTION PLATE	1 SET	22G PERFORATED	G.I.	EFE
5	WATER ELIMINATOR	1 SET	PVC	PVC	EFE
6	WATER TANK	1 NO.	3.15 THK SS 304	SS304	EFE
7	INSP. DOOR	2 NO.	600(W) X 800(H)	SS304	EFE
8	MARINE LAMP	1 NO.	150 WATTS	STD	STD
9	FLOAT VALVE	1 NO.	25Ø CONNECTION	GM	STD
10	COOLING PAD MUNTER EU (SWEEDEN)	DRY BULD TEMP. AT AIR INLET OF PAD 50°C (SUMMER) DRY BULD TEMP OF AIR OUTLET OF PAD 25°C (HOT SUMMER) CIRCULATION WATER TEMP. EFFICIENCY ? 93%			MUNTER
11	WATER CANOPY	1 SETS	AS PER DWG 20 SWG G.I MATERIALS		STD
12	TEMP. INDICATOR (DRY BULB & W.BULB)	2NOS.	STEM TYPE	STD	EFE
13	SUPPORT BRACKETS	2 NOS.	40X40X6 ISA	SAIL	EFE
14	MONOBLOCK PUMP	2 NOS.	02 NOS. (1W+1S)	C.I	KBL

AIR WASHER CAPACITY – 73700 CMH.
 QUANTITY 1 SET.
 AIR WASHER MAKE – EFE WORKS.
 MODEL NO – EFE/ AW 0.77

ITEM	DESCRIPTION	QTY.	DIM/TYPE	MATERIAL	MAKE
1	AIR FILTER WITH FRAME	9 NOS.	610 X 610 X 50	HDPE	EFE
2	AIR WASHER CHAMBER	1 NO.	2 MM (SS304)	SS304	EFE
3	BRANCH SPRAY PIPE	1 NOS.	25 NB. (MEDIAM)	G.I.	JINDAL
4	DISTRIBUTION PLATE	1 SET	22G PERFORATED	G.I.	EFE
5	WATER ELIMINATOR	1 SET	PVC	PVC	EFE
6	WATER TANK	1 NO.	3.15 THK SS 304	SS304	EFE
7	INSP. DOOR	2 NO.	600(W) X 800(H)	SS304	EFE
8	MARINE LAMP	1 NO.	150 WATTS	STD	STD
9	FLOAT VALVE	1 NO.	25Ø CONNECTION	GM	STD
10	COOLING PAD MUNTER EU (SWEEDEN)	DRY BULD TEMP. AT AIR INLET OF PAD 50°C (SUMMER) DRY BULD TEMP OF AIR OUTLET OF PAD 25°C (HOT SUMMER) CIRCULATION WATER TEMP. EFFICIENCY ? 93%			MUNTER
11	WATER CANOPY	1 SETS	AS PER DWG 20 SWG G.I MATERIALS		STD
12	TEMP. INDICATOR (DRY BULB & W.BULB)	2NOS.	STEM TYPE	STD	EFE
13	SUPPORT BRACKETS	2 NOS.	40X40X6 ISA	SAIL	EFE
14	MONOBLOCK PUMP	2 NOS.	02 NOS. (1W+1S)	C.I	KBL

AIR WASHER CAPACITY – 33,300 CMH.
 QUANTITY 2 NOS.
 AIR WASHER MAKE – EFE WORKS.
 MODEL NO – EFE/ AW 0.33

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 (F&P)

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/BR/CC/22-23/109 dated 11.06.2022 including its subsequent amendments and clarifications, if any, issued by Owner, the receipt of which is hereby acknowledged, we the undersigned, offer to complete the work under the above-named Package in full conformity with the said Bidding Documents and hereby furnish our Techno-Commercial Proposal.
- 2.0 We have understood the instructions and the terms & conditions mentioned in the Bidding Documents furnished by you and have thoroughly examined the specifications laid down by you in the Bidding Documents and are fully aware of the nature of consultancy services required.

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

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

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) (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)

(Common Seal)

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

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”]

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.)		
		2020-21					
		2019-20					
		2018-19					
		Average Annual Turnover during the last 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.

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 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