

## **TWO-BID Open e –TENDER**

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

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

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

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

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

For & on behalf of  
**HURL, Sindri**

**Manager, Contracts**

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## **INSTRUCTION TO BIDDERS**

1. Online bids are invited on two bid system for **“Installation of PTZ Camera for PTZ Surveillance of Settling Tank Pond Area at Sindri Project, HURL” Tender No.: HURL/Sindri/C&M/21-22/356 Dated: -21.06.2021**. Manual bids shall not be accepted.
2. Tender documents may be downloaded from HURL web site [www.hurl.net.in](http://www.hurl.net.in) (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule as given in CRITICAL DATE as in Point no. 4 of NIT.
3. Type of Tender: Open Tender – Two bid
4. **Critical Date Sheet:**

Published Date	21.06.2021 (04:00 PM)
Bid Document Download / Sale Start Date	21.06.2021 (04:00 PM)
Bid Submission Start Date	21.06.2021 (04:00 PM)
Bid Clarification Start Date	21.06.2021 (04:00 PM)
Bid Clarification End Date	12.07.2021 (04:00 PM)
Bid Document Download / Sale End Date	12.07.2021 (04:00 PM)
Bid Submission End Date	12.07.2021 (04:00 PM)
Bid Opening Date	13.07.2021 (04:00 PM)

5. **Technical Qualification:**

**5.1** BIDDER must have satisfactorily completed Similar nature of works\* mentioned below during last 03 (Three) years ending on 31.05.2021 with minimum work order (s) as per below:

One similar nature of completed work with executed value (exclusive of GST) not less than INR 3,39,760.00 (Excluding GST)

OR

Two similar nature of completed work with executed value (exclusive of GST) not less than INR 2,12,350.00 (Excluding GST) for each work order

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OR

Three completed works each with contract value not less than INR 1,69,880.00 (Excluding GST) for each work order

\*Similar nature of works means: The bidder must have successfully completed "Supply and Installation of CCTV Security Surveillance" in Central Govts. / State Govts. / PSUs/ Reputed Private Firms.

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

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

**Note 3 -** In case of running contracts, if the contract value executed till last day of the month previous to the one on which NIT is invited i.e. 31-05-2021 is equal to or more than minimum prescribed value as mentioned above, such experience will also be taken into consideration provided that the bidder has submitted satisfactory work execution certificate to this effect issued by end user/owner.

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

- 5.1.1 Copy of Work Orders performed in last three (03) years with full technical details including detailed Scope of the Work, **BOQ**, Contract value and Completion Period.
- 5.1.2 Completion/Acceptance Certificate from End User/OWNER regarding satisfactory completion indicating the period of completion. The Completion / Acceptance Certificate shall clearly indicate LOI / Work Order no., Name of Work, Executed work value, Service Tax/GST, Contract period and actual Date of Completion. Completion certificate for works issued by a private organization shall be supported by **TDS certificates**.
- 5.1.2.1 Wherever executed value is not mentioned in the completion certificate, the copy of certified bills with service tax/GST details as applicable / Separate certificate from respective client (WO issuing company /Engineer In Charge) regarding executed value with service tax/GST details, date of completion etc., shall also be accepted towards fulfillment of Technical Qualification criteria (TQC) 5.1, if same is submitted along with completion certificate.

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- 5.1.2.2 Completion certificate submitted by the bidders shall have clarity with respect to whether service tax/GST is included/excluded in the executed value of the completed job, towards fulfillment of TQC 5.1 and same shall be ensured by the bidders by submitting proper and relevant documents as required (e.g. separate certificate from respective client regarding service tax/GST) along with completion certificate.
- 5.1.2.3 If no clear documents as mentioned above regarding service tax/GST component included/extra/not applicable with respect to the executed value of the job mentioned in completion certificate is submitted by the bidder & In case Service tax/GST amount / component is also not specified in the submitted completion certificate, then the amount equivalent to rate of applicable service tax/GST as considered by HURL for the subject tender shall be deducted from the value of completed job mentioned in the completion certificate to arrive at the value of the completed job without service tax/GST.
- 5.1.3 In case of sub contract orders, credential as sub-contractor for above PQC shall be considered only when such work orders for sub contract has been issued with approval or written permission of end user/owner/consultant of the owner of the contract from the scope of work of which contractor under the contract has sub contracted a part of or entire work under such work order. In this regard, the bidder has to submit a certificate from the end user/owner/consultant of the owner stating that the main contractor has intimated them about the engagement of sub-contracting OR have been allowed/ permitted as a sub-contractor. Based on such Sub contracted portion of the job actually executed by the bidder as subcontractor, PQC evaluation shall be done i.e. In case only part job is subcontracted, similar job & executed value etc for the part job only shall be considered for PQC and not the full job.
- 5.1.4 Similar work experience documents submitted in technical bid shall only be considered for technical bid evaluation. Any shortfall document related to submitted similar work experience in technical bid, if asked by HURL (As per clause 4.12, page -15 of tender document) and submitted by the bidder as per given timeline shall be considered as part of technical bid.

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

**5.2** Bidder must mention make, model and specification of items as mentioned in Annexure A and submit relevant OEM authorization certificate along with technical bid. Technical department will review make/model and Specifications as per given criteria mentioned in Scope of Supply/Work for "Installation of PTZ Camera for PTZ Surveillance of Settling Tank Pond Area at Sindri Project, HURL (NIT page no 19 to 21). Technical department may reject the bid if make/model and specifications is not found as per said criteria.

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**5.3** Average Annual financial turnover during last three (03) financial years of the bidder should be at least INR 1,27,410.00. For evaluation of same, Bidder shall submit Audited Annual Statements (Balance Sheet and Profit & Loss account) of the company for last three (3) financial years. If audited financial results of the immediate preceding financial year is not available, the bidder has an option to submit the audited financial results of the three (03) financial years immediately prior to that financial year. The same will be considered for evaluation of average financial turnover. Audited annual statement shall be certified by CA with membership number.

**5.5** The bidder must sign and stamp in each page of tender documents as a token of acceptance indicating read, understood and accepted the Terms & Conditions mentioned in tender documents.

**5.6** The bidder shall have valid company registration, PAN card issued by Income Tax department, OEM authorized dealer/ supplier/ re-seller etc. and Valid GSTIN registration. As a documentary proof of same, the bidder shall submit signed, stamped, and scanned copy of Certificates like Registration certificate, OEM authorized dealer/ supplier/ re-seller etc., GSTIN Registration certificates, PAN card issued by Income Tax Department.

## **6 Evaluation of Bids:**

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

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

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

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

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

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

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

6.7 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 Annual Turn Over of the party in the most recent years. Party having the highest annual turnover in total in the most recent years will be considered as L1 party.

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

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

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

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

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

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

## 7 Bid Submission:

Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>. Tenderer/Contractor is advised to follow the instructions provided for online submission of bids. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

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- 8 Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.
- 9 Tenderer who has downloaded the tender from the HURL website [www.hurl.net.in](http://www.hurl.net.in) and Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app>, <https://eprocure.gov.in/epublish/app> shall not tamper/modify the tender form including downloaded price bid template in any manner. In case the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with HURL.
- 10 Intending tenderers are advised to visit again HURL web site [www.hurl.net.in](http://www.hurl.net.in) and CPPP website <https://eprocure.gov.in/eprocure/app> regularly till closing date of submission of tender for any corrigendum / addendum/ amendment.
- 11 EMD Payment: Earnest Money Deposit is to be deposited **electronically by ECS/RTGS/NEFT/BANKERS CHEQUE** in the account of “**Hindustan Urvarak and Rasayan Limited, payable at Delhi**” at the below mentioned details. Bidders are required to submit the details of EMD payment at the time of Bid Preparation.
- BANK Details for EMD Payment through ECS/NEFT/RTGS:**  
**Bank Name – State Bank of India**  
**IFS CODE: SBIN0004803, Account No: 38387231141.**
- 12 EMD value: **Rs. 8,500.00** (Rupees Eight Thousand Five Hundred only).
- 13 Price Bid Validity date 120 days.
- 14 All NSIC / SSI / MSME registered vendors are exempted from submission of tender fee & EMD. **NSIC/SSI/MSME certificate must be submitted online to avail the exemption from furnishing the EMD.**
- 15 Bids will be opened as per date/time as mentioned in the Tender Critical Date Sheet. After online opening of Technical-Bid, the results of their qualification as well as the date of Price-Bid opening will be intimated later.
- 16 **LOCAL CONDITIONS :**
- 16.6** It will be imperative on each Bidder to fully make aware himself of all local conditions and factors which may have any effect on the execution of the Supply of materials/ works covered under these specifications and documents. Bidder shall inspect the site, examine

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

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

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

## **18 Guideline for submission of bid:**

### **19.1 Technical Bid:**

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

- Signed, Stamped and Scanned copy of payment proof for Earnest Money Deposit (EMD).
- Signed, Stamped and Scanned copy of Certificates like Registration certificate, OEM authorized dealer/ supplier/ re-seller etc., GST No, PAN No, TIN No, Latest Income Tax Clearance Certificate / ITR/ last three financial year audited balance sheet certified by CA. with membership number etc. as per Instruction to Bidder, clause 5.3 of Commercial criteria.
- Signed, Stamped and Scanned copy of Work Orders/ Purchase Orders along with Completion/Acceptance Certificate from End User/OWNER performed in last 3 years

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with full technical details including detailed Scope of the Supply/Work, Contract value and Completion Period as mentioned in Tender document, Instruction to Bidder, clause 5.1 of Technical Criteria. The Completion / Acceptance Certificate shall clearly indicate the LOI / Work Order no., Name of Work, Contract Value, Scope of Work, Contract period and actual Date of Completion. Completion certificate for works issued by a private organization shall be supported by TDS certificates.

- Signed, Stamped and Scan copy of duly filled details of consumable items, Annexure-A as mentioned in Instruction to Bidder, 5.2 of Technical criteria of Tender document along with supporting documents of OEM authorized dealer/supplier/ re-seller etc.,
- Signed, Stamped and Scanned copy of affidavit on Company Letter Head , as specified in **Annexure B** of tender document (Scan copy of same must be uploaded along with Technical bid and Hard copy of same must be delivered to the Manager/Deputy Manager (Contract & Materials), Hindustan Urvarak & Rasayan Limited, Sindri Project, Old FCIL office complex, Sindri, Dhanbad -828122 on or before bid closing date/time as mentioned in critical date).
- Signed, Stamped and Scanned copy of Tender Acceptance Letter as per **Annexure-C** & Letter of authorization to submit bid.
- Signed, Stamped and Scanned copy of No deviation Certificate as per **Annexure-D**.
- Signed, Stamped and Scanned copy of Certificate from CEO or Managing Director, in the format as enclosed as **Annexure- E** of Tender Document.
- Signed, Stamped & Scanned copy of format For Electronics Payment as per **Annexure-F**
- Signed, Stamped and Scanned copy of Tender Documents- Instruction to bidder, General Condition of contract, Scope of Supply/work and Special condition of contract, Schedule of Rates.
- MSEs seeking exemption and benefits should enclose an attested/self-certified and stamped copy of valid registration certificate, giving details such as validity, stores/services etc. failing which they run the risk of their bid being passed over as ineligible for the benefits applicable to MSEs.
- Bids shall be digitally signed & Stamped and uploaded by someone legally authorized and competent on behalf of his firm / company i.e. Bidder and relevant documents w.r.t. the same to be uploaded. The Power of Attorney of such person needs to be furnished along with bid.

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

## **19.2 Price Bid:**

### **19.2.1 Schedule of price bid in the form of BOQ\_XXXX .xls**

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The below mentioned Financial Proposal/Commercial bid format is provided as BOQ\_XXXX.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to upload the same in the commercial bid. Bidder shall not tamper/modify downloaded price bid template in any manner. In case if the same is found to be tampered / modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with HURL.

- 19.2.2 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole works as described in Bidding Documents, based on the rates and prices submitted by the Bidder and accepted by the Employer.
- 19.2.3 Prices must be filled in format for "Price Bid" enclosed as part of Tender document. If quoted in separate typed sheets and any variation in item description, unit or quantity is noticed; the Bid is liable to be rejected.
- 19.2.4 All duties, taxes and other levies [if any] payable by the Contractor under the Contract, or for any other cause except final GST (CGST & SGST/ UTGST or IGST) shall be included in the rates / prices and the total bid-price submitted by the Bidder.
- 19.2.5 Bidder shall quote for all the items of "SOR" after careful analysis of cost involved for the performance of the complete items considering all parts of the Bidding Document. In case any activity though specifically not covered in description of item under "SOR" but is required to complete the works as per Specifications, Scope of Work/ Service, Standards, General Conditions of Contract ("GCC"), Special Conditions of Contract ("SCC") or any other part of Bidding Document, the prices quoted shall deemed to be inclusive of cost incurred for such activity.**
- 19.2.6 Prices quoted by the Bidder, shall remain firm and fixed and valid until completion of the Contract and will not be subject to variation on any account. Any new taxes & Duties, if imposed by the State/ Govt. of India after due date of bid submission but before the Contractual Delivery Date, shall be reimbursed to the contractor on submission of documentary evidence for proof of payment to State/ Govt. Authorities and after ascertaining it's applicability with respect to the contract.
- If any new taxes and/or duties are imposed beyond Completion/ Contract period for reasons not due to Owner's default, such taxes and duties shall be to Contractor's account.
- If any new taxes and/or duties are imposed beyond Completion / Contract period for reasons due to Owner's default, such taxes and duties shall be to Owner's account.
- 19.2.7 The tenderer shall quote their rate in percentage rate over total estimated cost of all items of BOQ portion up to two decimals only in price bid. Tenderers to note that only first two decimals shall be considered for evaluation if quotation is having more than

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two decimals. Bidder to go through Preamble to SOR mentioned in the tender document before quoting.

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

19.2.9 The quoted rate/amount shall be inclusive of all taxes and duties etc. as per tender but exclusive of the GST. Bidder must quote their rates exclusive of GST. The GST shall be paid extra as per applicable rates.

**19.3 Checklist of documents to be submitted:**

S.N.	Item	Yes / No	Bid Ref.
I	Signed, Stamped and Scanned copy of Earnest Money Deposit (EMD) Enclosed or EMD exemption Certificate Enclosed.		
II	Signed, Stamped and Scanned copy of Certificates like Registration certificate, GST No, PAN No, TIN No, Latest Income Tax Clearance Certificate / ITR/ last three financial year audited balance sheet certified by CA. with membership number etc		
III	Signed, Stamped and Scanned copy of Work Orders/ Purchase Orders along with Completion/Acceptance Certificate from End User/OWNER performed in last 3 years with full technical details including detailed Scope of the Supply/Work, Contract value and Completion Period. Completion certificate for works issued by a private organization shall be supported by TDS certificates		
IV	Signed, Stamped and Scan copy of duly filled details of consumable items, Annexure-A as mentioned in Instruction to Bidder, 5.2 of Technical criteria of Tender document along with supporting documents of OEM authorized dealer/ supplier/ re-seller etc.,		
V	Signed, Stamped and Scanned copy of affidavit on Company Letter Head, as specified in Annexure B of tender document.		
VI	Signed, Stamped and Scanned copy of Tender Acceptance Letter as per Annexure-C & Letter of authorization to submit bid		
VII	Signed, Stamped and Scanned copy of No deviation Certificate as per Annexure-D		
VIII	Signed, Stamped and Scanned copy of Certificate from CEO or Managing Director, in the format as enclosed as Annexure- E of Tender Document		

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IX	Signed, Stamped and Scanned copy of Tender Documents- Instruction to bidder, Instruction for online bid submission, General Condition of contract, Scope of work and Special condition of contract, SOR.		
X	Signed, Stamped & Scanned copy of format For Electronics Payment as per Annexure-F		
XI	MSEs seeking exemption and benefits should enclose Signed, Stamped and Scanned copy of valid registration certificate, giving details such as validity, stores/services etc.		
XII	Bids shall be digitally signed and uploaded by someone legally authorized and competent on behalf of his firm / company i.e. Bidder and relevant documents w.r.t. the same to be uploaded. The Power of Attorney of such person needs to be furnished along with bid.		

Note: Failure to Upload Authentic and Corrects Documents Dully Signed and Stamped as mentioned at S.No I, II, III, IV,V,VI, VII, VIII, IX, X, XI, XII and XIII of clause 19.3 (Checklist) above would lead to Rejection of Techno- Commercial Bid. Price Bids shall be opened only of those bidders who are qualified and whose techno-commercial bids are acceptable.

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

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

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

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

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

24.0 To know more about HURL, please visit our website [www.hurl.net.in](http://www.hurl.net.in)

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### **Instructions for Online Bid Submission:**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

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

#### **1.0 REGISTRATION**

- 1.1** Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
- 1.2** As part of the enrollment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 1.3** Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 1.4** Upon enrollment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 1.5** Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 1.6** Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.

#### **2.0 SEARCHING FOR TENDER DOCUMENTS**

- 2.1** There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2.2** Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the tender document.
- 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.

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### **3.0 PREPARATION OF BIDS**

- 3.1 Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 3.2 Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents must be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3.3 Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 3.4 To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

### **4.0 SUBMISSION OF BIDS:**

- 4.1 Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 4.2 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 4.3 Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4.4 Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 4.5 Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the

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bidders. Bidders are required to download the BOQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

- 4.6 The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 4.7 All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology.
- 4.8 Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 4.9 The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 4.10 Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 4.11 The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
- 4.12 Shortfall documents: After evaluation of the uploaded documents, shortfall documents, if required, shall be sought from the bidder. For this purpose, maximum 1 chance, of 7x24 hours duration shall be given. If the techno-commercial acceptability of bidder is established upon verification of uploaded documents and shortfall documents if any, the case shall be considered for further processing. If the bidder happens to be defaulter upon verification of the documents or has not uploaded the required document within the 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.

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## **5.0 ASSISTANCE TO BIDDERS**

- 5.1 Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 5.2 Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be call directed to the 24x7 CPP Portal Helpdesk.

**0120-4001 062**

**0120-4001 002**

**0120-4001 005**

**0120-6277 787**

**E-mail  
support:**

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

**Technical - [support-eproc\(at\)nic\(dot\)in](mailto:support-eproc(at)nic(dot)in)**

**Policy Related - [cppp-doe\(at\)nic\(dot\)in](mailto:cppp-doe(at)nic(dot)in)**

Or

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

Email id : [deepakkumar@hurl.net.in](mailto:deepakkumar@hurl.net.in) [mukeshbhinchar@hurl.net.in](mailto:mukeshbhinchar@hurl.net.in)

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## **GENERAL CONDITIONS OF CONTRACT (GCC)**

### **1. Scope of Contract**

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

### **2. Firm Price**

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

### **3. Price Basis**

Duly executed at following location:

Settling Tank Pond Area, Old FCIL Office Complex, HURL, Sindri (Jharkhand)

### **4. Taxes and duties**

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

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

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

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

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

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

**5. Effective date of Contract/ P.O:** Shall be the date of issuance of LOA/Purchase Order (PO).

### **6. Completion Period/ Delivery Schedule**

Sl.No.	Particulars	Delivery Schedule/ Contract Period
1.	Supply of Materials, Installation and Commissioning of CCTV Security Surveillance	30 Days from date of LOA/PO

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2.	Warranty	ONE (01) Year from date of Commissioning
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## 7. **Payment Terms**

**7.1** The payment shall be made for the actual job/Supply executed by the Agency after due verification and certification by the concerned Engineer-in-charge of the HURL, Sindri Project.

**7.2** Payment of the order value will be made within 30(thirty) days from the successful delivery, installation and commissioning at our site of said items to the satisfaction of Engineer in charge after adjustment of all necessary taxes, if applicable balance payment of 03.00% will be released after due date for refund of balance amount.

**7.3** In-come Tax as applicable as per IT Rules shall be recovered at source and other taxes as applicable will be deducted from the Running/final bill.

**7.4** The Bills shall be submitted for Supply/work on One Time basis. Payment shall be released within 30 days of submission of invoice by the party.

**7.5** The agency shall pay applicable GST and claim it along with Bills.

**7.6** No advance payment will be made.

## 8. **EARNEST MONEY DEPOSIT (EMD) & SECURITY DEPOSIT**

**8.1** EMD of successful bidder will be converted to Security Deposit after award of contract. Successful Bidders who are exempted from submission of EMD on account of MSME/NSIC/SSI, shall have to deposit security deposit of Rs. 8,500 Before award of contract/Purchase Order.

**8.2** The EMD of unsuccessful Bidders will be returned by HURL without any interest to the unsuccessful Bidders as promptly as possible on acceptance of Bid of the successful Bidder or when the Bidding process is cancelled by HURL, whichever is later. Where EMD has been paid by demand draft, the refund thereof shall be in the form of demand draft in favor of the unsuccessful Bidder(s). Bidders may indicate the name and address in whose favor the said demand draft shall be drawn by HURL for refund failing which it shall be drawn in the name of the Bidder and shall be mailed to the address given on the Transmittal Letter.

**8.3** The security deposit shall be kept as performance guarantee and shall not bear any interest. It will be refunded to the Agency after satisfactory completion of work as per satisfaction level of Engineer in charge. The agency shall have to apply inwriting to Engineer in charge, along with original cash receipt for refund of security deposit.

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**8.4** The HURL reserves the right to forfeit the security deposit if the Agency fails or neglects to take up the Supply/job, abide by to fulfil the terms and conditions of the contract and/or to execute the work satisfactorily.

**9. Quantity variation**

Quantities indicated in the schedule of rate are tentative only and all the items may or may not be executed either partially or fully. Individual Item mentioned in SOR may vary to any extent for which no revision of rate will be applicable. However, the upper ceiling of total quantum of variation of work value shall be limited to 10 % of the original contract value. Actual execution value of the contract may vary depending on the actual requirement and therefore there shall not be any compensation for non-execution of any item or multiple items either partially or fully. This clause shall supersede any other clause given anywhere in the tender documents

**10. Insurance**

**10.1** Necessary insurance(s) to cover accident risk for his employee's loss of life, material etc. to crew or the third party to be arranged by Contractor at his cost.

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

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

**10.4** The contractor shall be responsible for workman's compensation insurance and all other statutory requirements in regard to the personnel in the contractor's employment.

**11.0 Termination**

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

**12.0 Force Majeure**

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

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**13.0 SETTLEMENT OF DISPUTE:**

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

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

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

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

**15.0 INTERPRETATION OF CONTRACT**

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

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

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**Scope of Supply/Work for “Installation of PTZ Camera for PTZ Surveillance of Settling Tank Pond Area at Sindri Project, HURL.”**

The scope of work includes Supply of Below mentioned items with quantity as described on above table and installation of same at Settling Tank Pond Area at HURL, Sindri Project.

**1. Items Details for PTZ Surveillance of Settling Tank Pond Area:**

S. N.	Item Description	Make	Quantity	Unit
1	2MP PTZ 50x IR800 Camera	Hikvision/Bosch/Panasonic/Samsung	1	No.
2	8CH NVR	Hikvision/Bosch/Panasonic/Samsung	1	No.
3	Cat6 SFTP Ethernet Cable 305 Mts CMY	CommScope/Dlink	2	Box
4	Copper Cable 1.5mm 90mtr	Finolex/Havels/Branded	2	Box
5	5/8 Port Gigabyte Managed PoE Switch	HP/Dlink	1	No.
6	HDD 1TB	Seagate/Toshiba	1	No.
7	UPS 2.5 KVA with external battery backup for 4hrs. with all accessories.	Mikrotek/APC/Luminous	1	No.
8	6U Wall Mounted Rack Loaded	Dlink/Any Branded	1	No.
9	Point to Point wireless Radio 5Ghz	Cambium/Ubiquity	2	No.
10	Monitor 21inch with HDMI Port	Dell/Samsung	1	No.
11	Installation, Testing, and configuration charge	Job	As per attached Annexure	

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## 2. Technical Specification for PTZ Surveillance of Settling Tank Pond Area:

### 2.1 2MP PTZ IR800 Camera:

<b>Camera Module</b>	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.8, AGC ON) B/W: 0.001Lux @(F1.8, AGC ON) 0 Lux with laser
White Balance	Auto/Manual/ATW (Auto Tracking White balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
AGC	Auto/Manual
Shutter Time	1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16x
Optical Zomm	50x
Privacy Mask	24 programmable polygon privacy masks
Focus Mode	Auto/Semi-automatic/Manual
Image Stabilization	Optical Image Stabilization
WDR	120 dB
OIS	Support
<b>Lens</b>	
Focal Length	6.6 mm to 330 mm, 50× Optical
Zoom Speed	Approx. 4.5 s (optical lens, wide-tele)
FOV	Horizontal field of view: 41.3° to 1.1° (wide-tele) Vertical field of view: 23.6° to 0.6° (wide-tele) Diagonal field of view: 47.4° to 1.3° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)

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Aperture Range	F1.8 to F5.5
<b>Laser/IR/Detection/Recognition</b>	
Night Detection with IR	800 m
Day Recognition	More than 1.9 Km
Day Identification	More than 0.9 Km
<b>Pan-Tilt-Zoom</b>	
Movement Range (Pan)	360°endless
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s
Movement Range (Tilt)	From -20° to 90°
Tilt Speed	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s
Proportional Zoom	Support
Presets	300
Patrol Scan	More than 6 patrols, more than 20 presets for each patrol Pattern Scan 4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Support
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan PTZ Position Display ON/OFF
Preset Freezing	Support
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
<b>Compression Standard</b>	
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264/MJPEG

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	Third Stream: H.265/H.264/MJPEG H.264 Type Baseline Profile/Main Profile/High Profile H.264+ Support H.265 Type Main Profile
H.265+	Support Video Bitrate 32 kbps to 16384 kbps Audio compression G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM Audio Bitrate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)
<b>Smart Feature</b>	
Perimeter Protection	Intrusion, Line Crossing, Region Entrance, Region Exiting Support alarm triggering by specified target types (human and vehicle) Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc.
Event Detection	Face Detection, Audio Exception Detection
Smart Tracking	Manual Tracking, Auto Tracking (support tracking specified target types such as human and vehicle), Event Tracking
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA
ROI	Support
<b>Image</b>	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	HLC/BLC/3D DNR/Optical Image Stabilization /Regional Exposure/Regional Focus/Optical Defog
<b>Network</b>	

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Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR
Alarm Linkage	Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc.
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF and CGI, support Third-Party Management Platform
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users.  3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
<b>Interface</b>	
Alarm Interface	7-ch alarm input/2-ch alarm output
Audio Interface	1-ch audio input (applicable microphone, plug-in power type), 2 to 2.4 V[p-p], 1 K $\Omega$ $\pm$ 10% 1-ch audio output, line level, impedance: 600 $\Omega$
Network Interface	1 RJ45 10 M/100 M Ethernet Interface, Hi-PoE
RS-485	Half duplex, Pelco-P, Pelco-D, self-adaptive
BNC	1.0 V [p-p]/75 $\Omega$ , NTSC (or PAL) composite, BNC
<b>General</b>	
Power	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)
Working Environment	Temperature: -40°C to 70°C (-40°F to 158°F) Humidity: $\leq$ 90%

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Protection Level	IP67/IP68 Standard, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection Material Aluminum alloy
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## 2.2 **8CH NVR:**

<b>Video/Audio input</b>	
IP video input	8 Channel
<b>Network</b>	
Incoming bandwidth	More than or equal to 60Mbps
Outgoing bandwidth	More than or equal to 60Mbps
<b>Video/Audio output</b>	
Recording resolution	6MP /5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF
CVBS output	1-ch, BNC (1.0 Vp-p, 75 $\Omega$ ) Resolution: 704 × 576 (PAL); 704 × 480 (NTSC)
HDMI output	1-ch, resolution: 1920 × 1080P /60Hz, 1920 × 1080P /50Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
VGA output	1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
Audio output	1-ch, BNC (Linear, 600 $\Omega$ )
Playback resolution	6MP /5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF
Synchronous playback	8Ch
<b>Hard disk</b>	
SATA	2 SATA interfaces
Capacity	Each interface supports up to 4TB capacity for recording
<b>External interface</b>	
Network interface	1 RJ-45 100 /1000 Mbps self-adaptive Ethernet interface
Serial interface	RS-232; RS-485;
USB interface	2 × USB 2.0
Alarm in	4
Alarm out	2
<b>Other</b>	
Power supply	12VDC/240AC
Chassis	1U

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**2.3 Cat6 SFTP Ethernet Cable:**

Category	6 SFTP Solid cable
Conductor	23 AWG Multi-cores (Solid)
Conductor Meta	Bare Copper
Insulation Materia	HD-PE
Pairs	2 Insulated conductors twisted together
Shield	Aluminum / Polyester Foil Tinned copper Braiding
Sheath	PVC/LSZH
Cable Diameter	7.5 mm nominal

**2.4 Copper Cable 1.5mm:**

Conductor Material	Copper
Nominal Area of Conductor	1.5 sq mm
Current Rating Casing	13 Amps
Current Rating Concealed	16 Amps

**2.5 5/8 Port Gigabyte PoE Managed Switch:**

Type	5/8 Port 100/1000Mbps PoE Managed Switch
Interface	100/1000BASE-T(5/8 ports)
PoE	PoE Passthrough: 18 W with 802.3at input 8 W with 802.3af input

**2.6 HDD:**

HDD Type	SATA Surveillance Internal Hard Drive HDD – 3.5 Inch
Cache Memory Installed Size	64MB

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Size	1TB
Hardware Interface	SATA 6.0 Gb/s

**2.7 UPS 2.5 KVA with external battery:**

Power Backup	More than 4 to 6 Hour
VA Rating	2500VA
Battery	External
Output Voltage	220V ± 10%

**2.8 6U Wall Mounted Rack Loaded:**

Size	6U Wall Mounted
Rack Standards	Conforms to DIN 41494 or equivalent standard
Front Door	Lockable Toughened Glass Door
Equipment Mounting	DIN Standard Slots
Accessories	Power Distribution Units 1U Horizontal Cable Manager Fan Hardware Packet

**2.9 Point to Point wireless Radio 5Ghz**

Frequency Band	5GHz
Antenna Gain	25 to 30 dbi
Throughput	150+ Mbps
Network Interface	100/1000 Mbps with POE
Transmit Power Range	-15 to +30 dBm
Channel Sizes	20/30/40/80 MHz

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Wind Survival	More than 120 km/hour
Antenna Type	Dish

#### 2.10 **Monitor 21inch with HDMI Port:**

Device Type	LED-backlit LCD monitor - 21"
Aspect Ratio	16:9
Pixel Pitch	0.248 mm
Input Connectors	HDMI, VGA
Display Position Adjustments	Tilt

#### 2.11 **Installation, Testing, and configuration:**

1	Installation and configuration of PTZ Camera in Settling tank area on High Mast tower.
2	Mounting and configuring 1st Wireless radio on same place in Settling Tank Area on High Mast tower.
3	Install and configure NVR, Rack, UPS, Monitor, and start recording on the same place (In Settling Tank Area).
4	Mount 2nd Wireless Radio on Tower (90 Feet Tower available in our HURL Office Premises).
5	Align and Connect Radio and provide connectivity between HURL office to Settling Tank PTZ Camera.

- 3. SCOPE OF JOBS TO BE CARRIED OUT DURING GUARANTEE/ WARRENTY PERIOD:** - The vendor shall provide guarantee towards any manufacturing and metallurgical defects, workmanship and performance of the materials & systems for a period of 1 year from the period of commissioning.

#### **Terms and Condition / Special Condition of Contract (SCC)**

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1. The Supply/work will be executed as per above mentioned Scope of Supply/Work.
2. Scope and work include supply of above-mentioned items with quantity as described on above table and installation of same at various locations at HURL sindri project
3. The quantity of any item of above-mentioned work may vary to any extent for which no revision of rate will be applicable. However overall deviation limit shall be within 10% of contract value.
4. Completion/Delivery Period: -The entire supply and commissioning activities has to be completed within 30 days' time from the date of receipt of Purchase order. All the aspects of safe delivery and installation shall be the exclusive responsibility of the supplier.
5. Payment Terms:-Payment of the order value will be made within 30(thirty) days from the successful delivery , installation and commissioning at our site of said items to the satisfaction of Engineer in charge after adjustment of all necessary taxes, if applicable balance payment of 03.00% will be released after due date for refund of balance amount.
6. Warranty: -The vendor shall provide guarantee towards any manufacturing and metallurgical defects, workmanship and performance of the materials & systems for a period of 1 year from the period of commissioning.
7. The personnel engaged by the Agency shall draw their remuneration from their Agency and will not claim any employment benefit from HURL at any time. The agency shall also be responsible for the statutory obligations of such personnel and shall indemnify HURL in the matter.
8. Engineer in Charge (EIC) or an Officer explicitly authorized by him will represent HURL Sindri project in all dealings with the Firm/ Agency for execution of Supply/work.
9. The contractor shall abide by all statutory rules and regulations of Local authority, State and Central Govt. as the case may be with regard to statutory benefits and non-statutory benefits prevailing at HURL-Sindri as applicable, at his own cost and hence the agency has to quote their rate accordingly by taking care of all these.
10. The Agency/ Firm shall be directly responsible for payment of minimum wages as per central government orders and circulars (including other benefits like E.P.F. & E.S.I) to his manpower engaged under this contract at his own cost. When the contract terminates there shall be no physical or moral pressure on HURL, on grounds of "person/ resources displace from job".
11. 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.
12. The quoted rate shall be firm and no variation shall be allowed on any account till execution if complete work. HURL will not pay any mobilization charges.
13. The firm/Agency shall comply the regulatory clauses of all types of labour Act and shall not engage any minor under this contract.
14. All safety measures must be taken care of, in order to avoid any accident, fire and other safety hazards. Any type of loss of assets due to any such incident is the sole responsibility of the Firm/Agency. HURL shall in no way be liable for any such incident.

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15. If there is any damage to HURL property or any other financial burden on HURL because of willful or negligent action by the Firm or its personnel, HURL shall be entitled to recover the same by means of compensation from the Firm/ Agency.
16. The payment shall be released as per One-time Bill with all statutory deduction.
17. GST will be extra and reimbursed to the agency after submission of the documentary evidence.
18. For proper execution of Supply/work enough tools & tackles are to be provided by the agency at their own cost, nothing shall be paid extra for this. All boarding/lodging/Transportation/Local conveyance engaged for supply of above items to HURL-Sindri shall be in the scope of contractor. The vendor shall take full responsibility during transit & comply with all necessary transit insurance.
19. SAFETY CLAUSES: All safety requirements shall be fulfilled by contractor. Safety of all manpower, tools involve shall be under contractor scope. Safety in totality is complete responsibility of contractor. Proper safety arrangements / PPEs for carrying out the job is under contractor's scope and same has to be complied with as per the direction of EIC. For non-compliance of introductions for safety measures, suitable penalty will be imposed and the decision of EIC-HURL shall be final and binding to the contractor.
20. The equipment, materials and workmanship covered by the Purchase order shall be subject to inspection within a reasonable time after arrival at the place of delivery.
21. Vendors shipping documents and invoices must contain the data:
  - (i). Unit net weight
  - (ii). Unit gross weight (Packing included)
  - (iii). Dimensions of Packing
  - (iv). Dispatch Instruction
22. The goods shall be consigned in the name of Manager (Instrumentation), Sindri Project, HURL along with complete address.
23. PACKING AND MARKING- The materials shall be suitably packed for safe transportation till receipt at site and should be commensurate with best possible practices of packing, unless specifically stipulated in the Technical specifications, to avoid any damage during transit.
24. The supplier shall be liable for all damages or breakages to the Materials due to defective or insufficient packing as well as for packing list shall be fastened outside the box in waterproof envelope.
25. TRANSIT & OTHER RISK- Transit Risk & all risk covered till installation, commissioning & handing over to HURL insurance shall be borne by the vendor.
26. There would be no extra payment against the said supply and installation.
27. If material supplied are not of contract specification or otherwise not satisfactory for any reason the buyer shall be entitled to reject the supplies, cancel the order and buy the requirement from elsewhere. The buyer also deserves the right to forfeit the security deposit if any made by the seller for due performance of contract.
28. All the goods received will be inspected for being in good condition. Any damage in above said items during transportation or loading /unloading would be rejected and fresh material to be supplied by you without any extra cost.
29. Payment for items received but rejected during inspection would be withheld till replacement of same by a new identical item.

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30. Materials rejected by the buyer will lie in the buyer's store at seller's risk and movement thereof will be the seller's sole responsibility. The buyer shall in no way be responsible for any deterioration of or damage to the material under circumstances whatsoever.
31. HURL reserve the right to terminate the contract at any time during the contract period in case performance is not found satisfactory and Supply/work not carried as per instruction of HURL Officer-in-charge.
32. Submission of Invoice: All invoices to be raised in the name of Hindustan Urvarak & Rasayan Limited and will be submitted to Engineer In charge, HURL Sindri Dhanbad (Jharkhand).
33. Price reduction/LD/Penalty Clause: In the event of delay in completion beyond contract completion period, price reduction@0.5% per week of part there of subject to maximum 5% of total P.O. value shall be recovered from contractor's bill(s).
34. Any other deviation, exceptions, observations, if any of your offers and any subsequent corresponding which are contrary to the provision of the bidding document any amendments referred above. Shall stand with drawn without any extra financial implication to owner.
35. The quoted rates/Prices shall include all the cost of materials, labours, taxes duties/levies except GST and other incidental expenses to complete the Supply/work as per the specification of Summary of Supply/ work.

.....X.....X.....X.....

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**BOQ/SOR (Schedule of Rate) – Installation of PTZ Camera for PTZ Surveillance of Settling Tank Pond Area at Sindri Project, HURL**

S.N.	Item Description	UOM	Quantity (#)	Unit Rate (In Rs.)	Amount (In Rs.)
1.	2MP PTZ 50x IR800 Camera	Nos	01	3,10,000.00	3,10,000.00
2.	8CH NVR	Nos	01	9,300.00	9,300.00
3.	Cat6 SFTP Ethernet Cable 305 Mts CMY	Box	02	5,800.00	11,600.00
4.	Copper Cable 1.5mm 90mtr	Box	02	1,500.00	3,000.00
5.	5/8 Port Gigabyte Managed PoE Switch	Nos	01	5,200.00	5,200.00
6.	HDD 1TB	Nos	01	3,500.00	3,500.00
7.	UPS 2.5 KVA with external battery backup for 4hrs. with all accessories.	Nos	01	32,000.00	32,000.00
8.	6U Wall Mounted Rack Loaded	Nos	01	3,600.00	3,600.00
9.	Point to Point wireless Radio 5Ghz	Nos	02	11,000.00	22,000.00
10.	Monitor 21inch with HDMI Port	Nos	01	8,500.00	8,500.00
11.	Installation, Testing, and configuration charge	JOB	01	16,000.00	16,000.00
<b>Total Amount (in Rs.)</b>				<b>Rs. 4,24,700.00</b>	
<b>GST @ 18 % (in Rs.)</b>				<b>Rs. 76,446.00</b>	
<b>Grand Total Amount (in Rs.)</b>				<b>Rs. 5,01,146.00</b>	

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

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## Format of Price Bid (BOQ)/ Financial Bid

A		B		D	E	F	BA	BC	BD	BE	B
Validate		Print		Help		Percentage BoQ					
Tender Inviting Authority: General Manager BUH											
Name of Work: Installation of PTZ Camera for PTZ Surveillance of Settling Tank Pond Area at Sindri Project, HURL											
Contract No: HURL/Sindri/C&M/20-21/											
Name of the Bidder/ Bidding Firm /											
<b>PRICE SCHEDULE</b> (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )											
NUMBER	TEXT #	NUMBER	TEXT #	NUMBER	NUMBER #	TEXT #					
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words					
1	2	3	4	5	6	7					
1	Installation of PTZ Camera for PTZ Surveillance										
1.01	2MP PTZ 50x IR800 Camera	1	Nos	3,10,000.00	310000.00	INR Three Lakh Ten Thousand Only					
1.02	8CH NVR	1	Nos	9,300.00	9300.00	INR Nine Thousand Three Hundred Only					
1.03	Cat6 SFTP Ethernet Cable 305 Mts CMY	2	Box	5,800.00	11600.00	INR Eleven Thousand Six Hundred Only					
1.04	Copper Cable 1.5mm 90mtr	2	Box	1,500.00	3000.00	INR Three Thousand Only					
1.05	5/8 Port Gigabyte Managed PoE Switch	1	Nos	5,200.00	5200.00	INR Five Thousand Two Hundred Only					
1.06	HDD 1TB	1	Nos	3,500.00	3500.00	INR Three Thousand Five Hundred Only					
1.07	UPS 2.5 KVA with external battery backu	1	Nos	32,000.00	32000.00	INR Thirty Two Thousand Only					
1.08	6U Wall Mounted Rack Loaded	1	Nos	3,600.00	3600.00	INR Three Thousand Six Hundred Only					
1.09	Point to Point wireless Radio 5Ghz	2	Nos	11,000.00	22000.00	INR Twenty Two Thousand Only					
1.1	Monitor 21inch with HDMI Port	1	Nos	8,500.00	8500.00	INR Eight Thousand Five Hundred Only					
1.11	Installation, Testing, and configuration of	1	JOB	16,000.00	16000.00	INR Sixteen Thousand Only					
<b>Total in Figures</b>					424700.00	INR Four Lakh Twenty Four Thousand Seven Hundred Only					
<b>Quoted Rate in Figures</b>			Select		0.00	INR Zero Only					
<b>Quoted Rate in Words</b>		INR Zero Only									

BoQ1
+

**Note:** - GST as applicable shall be extra to the above prices.

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**Annexure-A** (Page 1 of 2)

Details of Items to be filled by bidder				
S.N.	Description of items	Make and Model (*)	Specification (**)	Remarks
1.	2MP PTZ 50x IR800 Camera			
2.	8CH NVR			
3.	Cat6 SFTP Ethernet Cable 305 Mts CMY			
4.	Copper Cable 1.5mm 90mtr			
5.	5/8 Port Gigabyte Managed PoE Switch			

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**Annexure-A** (Page 2 of 2)

6.	HDD 1TB			
7.	UPS 2.5 KVA with external battery backup for 4hrs. with all accessories.			
8.	6U Wall Mounted Rack Loaded			
9.	Point to Point wireless Radio 5Ghz			
10.	Monitor 21inch with HDMI Port			

**(\*) – The vendor shall have to enclose OEM authorization certificate in technical bid for above quoted Make.**

**(\*\*)- The bidder shall enclose product catalogue of individual item mentioning make / model and technical specification along with technical bid (if available).**

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**Annexure-B**

**ON Company Letter Head DULY Signed and sealed**

**AFFIDAVIT**

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

1. I, am submitting the tender for Installation of PTZ Camera for PTZ Surveillance of Settling Tank Pond Area at Sindri Project, HURL against Tender Notice Number **HURL/Sindri/C&M/21-22/356 Dated: - 21.06.2021.**
2. That I/ we/ our partners/ directors do not have any relative working in Hindustan Urvarak & Rasayan Limited.
3. That I/we hereby declare that M/s \_\_\_\_\_ is neither put on Holiday nor Black-listed by any Government/ PSU/ Private firm or Financial Institution.
4. That all information furnished by me/ us in respect of fulfilment of eligibility criteria and information given in this tender is complete, correct and true.
5. That all documents / credentials submitting along with this tender are genuine, authentic, true and valid.
6. That the price bid is unconditional.
7. That I/ we shall comply with all the statutory provisions as laid down under various Labor Laws/ Acts/ Rules like minimum wages, Provident Fund, ESI, Bonus, Gratuity, Contract Labor Act and other Labor Laws/ Acts/ Rules in force from time to time at my/ our own cost.
8. I/We indemnify hereby HURL against all repercussions arising out of non- compliance of the foregoing in any case.
9. That if any information or document submitted is found to be false/ incorrect, the Department may cancel my/ our tender and action as deemed fit may be taken against me/ us including termination of the contract, forfeiture of all dues including earnest money and blacklisting of me/ our firm and all partners of the firm etc.

Deponent

Verification

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

Deponent

`Sign & Stamp of Bidder

**Annexure-C**

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

Date:

To,  
Tender Committee,  
Sindri Project, HURL

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: **HURL/Sindri/C&M/21-22/356 Dated: - 21.06.2021**

Name of Tender / Work: - **Installation of PTZ Camera for PTZ Surveillance of Settling Tank Pond Area at Sindri Project, HURL.**

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:  

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

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

`Sign & Stamp of Bidder

**Annexure-D****NO DEVIATION CERTIFICATE**

Bidder's Name & Address:	To,  General Manager-BUH, HURL (Sindri Project)  Old FCIL Office Complex,  Sindri Project, HURL  Sindri, Dhanbad, Jharkhand, 828122
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1. With reference to our Bid (Reference No. **HURL/Sindri/C&M/21-22/356 Dated: - 21.06.2021**) for Installation of PTZ Camera for PTZ Surveillance of Settling Tank Pond Area at Sindri Project, HURL, we hereby confirm that we comply with all terms, conditions and specifications of the Bidding Documents read in conjunction with Amendments(s) / Clarification(s) / Addenda / Errata (if any) issued by the Owner prior to opening of Techno – Commercial Bids and the same has been taken into consideration while making our Techno – Commercial Bid & Price Bid and we declare that we have not taken any deviation / exceptions in this regards.
2. We further confirm that any deviation variation or additional conditions etc or any mention, contrary to the Bidding Documents and its Amendments(s) / Clarification(s) / Addenda / Errata (if any) as mentioned at 1.0 above found anywhere in our Techno – Commercial Bid and / or price Bid, implicit or explicit, shall stand unconditionally withdrawn, without any cost implication whatsoever to the Owner, failing which the Bid Security shall be forfeited.

For and on behalf of: .....

Stamp & Signature: .....

Name : .....

Designation : .....

Date : .....

Sign & Stamp of Bidder

**Annexure-E**

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

Ref. :

Date:

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

Sub:

Bidding Doc. No.

Dear Sir,

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

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

Yours faithfully,

(Signature)

Date

Name & Designation.....

Place

Name of the Company.....

(Seal of Company) .....

Sign & Stamp of Bidder

**Annexure-F****Format For Electronics Payment**

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

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

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

Name  
Designation  
Date

Authorized signatory of the bidder

`Sign & Stamp of Bidder