



आईआरईएल (इंडिया) लिमिटेड IREL (India) Limited

(पूर्वमेंइंडियनरेअरअर्थ्सलिमिटेड Formerly Indian Rare Earths Ltd.)

रेअरअर्थ्सप्रभाग Rare Earths Division,

उद्योगमंडल Udyogamandal, कोची Kochi-683501

CIN: U15100MH1950GOI8187

ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 COMPANY

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NOTICE INVITING TO TENDER

E-Tender (Public) Document for “Annual Maintenance Contract (AMC) for FRP repair / lining works on equipments / tanks / vessels / ductings” at IREL (India) Limited, RED, Udyogamandal

E-Tender No.	IREL/Udyogamandal/20-21/ET/45	Dated: 12/10/2020
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SCHEDULE OF TENDER (SOT)

a.	E-Tender No. / Date	IREL/Udyogamandal/20-21/ET/45 Dated:12/10/2020
b.	MODE OF TENDER	e-Procurement System Online Part I - Techno-Commercial Bid and Part II - Price Bid through http://www.mstcecommerce.com/eprochome/irel of MSTC Limited.
c.	Date of NIT available to parties to download	12/10/2020
d.	Transaction Fee to MSTC: <i>Note: Please note that Bidders should make On-line payment for Transaction fee by Net banking/Credit card/Debit card in favour of MSTC Limited, Kolkata, through a link "Transaction Fee Payment" and select the e-tender to make the payment. System will display the transaction fee for the selected e- tender.</i>	Rs.1000/- (Plus 18% GST Extra) Payment of Transaction fee by NEFT in favour of MSTC LIMITED (refer clause. No. 4 of Annexure-I) Transaction fee remitted by the bidder will be refunded by IREL after opening bid. Bank details of bidder shall be uploaded for refund.
e.	TDC to IREL	Rs.560/- (Details as per Annexure - II)
f.	EMD to IREL	Rs.15,000/- (Details as per Annexure - II)
g.	Date of Starting of e-Tender for submission of on line Techno-Commercial Bid and price Bid at www.mstcecommerce.com/eprochome/irel	12/10/2020 15.00 HRS
h.	Date of closing of online e-tender for submission of Techno-Commercial Bid & Price Bid.	02/11/2020 17.00 HRS
i.	Date & time of opening of Part-I : (i.e. Techno-Commercial Bid) Part-II Price Bid: Date of opening of Part II i.e. price bid shall be informed separately	03/11/2020 10.00 HRS
j.	Validity of Tender	90 days from the date of opening of Techno-Commercial bid.

List of Annexures

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Important instructions

This is an e-procurement event of IREL, Udyogamandal. The e-procurement service provider is MSTC Limited., 225C, A.J.C. Bose Road, Kolkata-700 020.

You are requested to read the terms & conditions of this tender before submitting your online tender. Tenderers who do not comply with the conditions with documentary proof (wherever required) will not qualify in the Tender for opening of price bid.

1.	<p>Process of E-tender :</p> <p>A) Registration: The process involves vendor's registration with MSTC e-procurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Techno-Commercial Bid as well as Price Bid over the internet will be done. The Vendor should possess Class III signing type digital certificate. Vendors are to make their own arrangement for bidding from a P.C. connected with Internet. MSTC/ IREL is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).</p> <p>SPECIAL NOTE: THE PRICE BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT www.mstcecommerce.com/eprochome/irel</p> <p>1). Vendors are required to register themselves online with www.mstcecommerce.com → e-Procurement → PSU/ Govt depts. → IREL → Register as Vendor Filling up details and creating own user id and password → Submit.</p> <p>2). Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.</p> <p>In case of any clarification, please contact MSTC/IREL, (before the scheduled time of the e-tender).</p> <p style="text-align: center;">Contact person (MSTC):</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">1. Shri. Arnab Sarkar</td><td style="width: 50%;">2) Shri. Ravindranath KB</td></tr> <tr> <td>Mobile no: 09986036012</td><td>Mobile no : 07676456095</td></tr> <tr> <td>080-22260054 ext 208</td><td>080-22260054 ext 205</td></tr> <tr> <td>Email: asarkar@mstcindia.co.in</td><td>email: ravindranathkb@mstcindia.co.in</td></tr> </table> <p style="text-align: center;">Contact person (IREL):</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><u>For Commercial Clarifications</u></td><td style="width: 50%;"><u>For Technical Clarifications</u></td></tr> <tr> <td>Mr. K. Suresh Kumar</td><td>Shri. M.S. Shyamkumar</td></tr> <tr> <td>DGM (PURCHASE)</td><td>CM (M&U)</td></tr> <tr> <td>Ph no.9447391541</td><td>Ph.# 9446057390</td></tr> <tr> <td>Email : purchase-red@irel.co.in</td><td>Email: maintred@irel.co.in</td></tr> </table>	1. Shri. Arnab Sarkar	2) Shri. Ravindranath KB	Mobile no: 09986036012	Mobile no : 07676456095	080-22260054 ext 208	080-22260054 ext 205	Email: asarkar@mstcindia.co.in	email: ravindranathkb@mstcindia.co.in	<u>For Commercial Clarifications</u>	<u>For Technical Clarifications</u>	Mr. K. Suresh Kumar	Shri. M.S. Shyamkumar	DGM (PURCHASE)	CM (M&U)	Ph no.9447391541	Ph.# 9446057390	Email : purchase-red@irel.co.in	Email: maintred@irel.co.in
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	<p>B) System Requirement:</p> <ul style="list-style-type: none"> i) Windows 98 /XP-SP3 & above/Windows 7 Operating System ii) IE-7 and above Internet browser. iii) class 3 Signing type digital signature iv) JRE 7 update 79 and above software to be downloaded and installed in the system. <p>To enable ALL active X controls and disable 'use pop up blocker' under Tools→Internet Options→ custom level</p>
2.	<p>(A) Part I Techno-Commercial bid will be opened electronically on specified date and time as given in the NIT. Bidder(s) can witness electronic opening of bid.</p> <p>(B) Part II Price bid will be opened electronically of only those bidder(s) whose Part I Techno-Commercial Bid is found to be Techno-Commercially acceptable by IREL, UDL. Such bidder(s) will be intimated date of opening of Part II Price bid, through valid email confirmed by them.</p> <p><u>Note:</u></p> <p>The tenderers are advised to offer their best possible rates. There would generally be no negotiations hence please submit your most competitive prices while submitting the price bid. However in case the lowest rate appears to be reasonable taking into account the prevailing market conditions, the order may be awarded to the lowest bidder and if the rate is still considered high, action as per prevailing instruction/guideline shall be taken.</p>
3.	<p>All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.</p>
4.	<p><u>Special Note towards Transaction fee:</u></p> <p><i>Bidders should make On-line payment for Transaction fee by Net banking/ Credit card/Debit card in favourof MSTC Limited, Kolkata, through a link "Transaction Fee Payment" and select the e-tender to make the payment. System will display the transaction fee for the selected e tender.</i></p> <p>Transaction fee remitted by the bidder will be refunded by IREL after opening bid.</p> <p>Contact Details :</p> <p>Fax No. : 033- 22831002</p> <p>Email ids: sanjibpoddar@mstcindia.co.in, arindam@mstcindia.co.in, rpradhan@mstcindia.co.in, smukherjee@mstcindia.co.in.</p> <p>Bidders may please note that the transaction fee should be deposited by debiting the account of the bidder only; transaction fee deposited from or by debiting any other party's account will not be accepted.</p> <p>In case of failure to make payment towards Transaction fee for any reason, the vendor, in term, will not have the access to online e-tender.</p>

5.	<p>Vendors are instructed to use Upload Documents link in My menu to upload documents in document library. Multiple documents can be uploaded. Maximum size of single document for upload is 5 MB.</p> <p>Once documents are uploaded in the library, vendors need to attach documents through Attach Document link against the particular tender. For further assistance please follow instructions of vendor guide.</p>
6.	<p>All notices and correspondence to the bidder(s) shall be sent by email only during the process till finalization of tender by IREL as well as by MSTC (e-procurement service provider). Hence the bidders are required to ensure that their corporate email I.D. provided is valid and updated at the stage of registration of vendor with MSTC (i.e. Service Provider). Bidders are also requested to ensure validity of their DSC (Digital Signature Certificate).</p>
7.	<p>(i) Please note that there is no provision to take out the list of parties downloading the tender document from the web site mentioned in NIT. As such, bidders are requested to see the web site once again before the due date of tender opening to ensure that they have not missed any corrigendum uploaded against the said tender after downloading the tender document. The responsibility of downloading the related corrigenda, if any, will be that of the Bidders.</p> <p>(ii) No separate intimation in respect of corrigendum to this NIT (if any) will be sent to tenderer (s) who have downloaded the documents from web site. Please see website www.mstcecommerce.com/eprohome/irel of MSTC Limited.</p>
8	<p>E-tender cannot be accessed after the due date and time mentioned in NIT.</p>
9.	<p><u>Bidding in e-tender & Reverse auction:</u></p> <ol style="list-style-type: none"> Bidder(s) need to submit necessary EMD (or necessary certificate for exemption of EMD as described in NIT) and Transaction fees to be eligible to bid online in the e-tender. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by IREL. The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid. The bidder(s) who have submitted the above fees (or necessary certificate for exemption of EMD as described in NIT) can only submit their Techno Commercial Bids and Price Bid through internet in MSTC website www.mstcecommerce.com → e-procurement → PSU/GovtDepts → IREL Login → My menu → Auction Floor Manager → live event → Selection of the live event → The bidder should allow to run an application namely enApple by accepting the risk and clicking on run. This exercise has to be done twice immediately after clicking on the Techno-Commercial bid. If this application is not run then the bidder will not be able to save/submit his bid. After filling the Techno-Commercial Bid, bidder should click 'save' for recording their Techno-Commercial bid. Once the same is done, the Price Bid link becomes active and the same has to filled up and then bidder should click on "save" to record their price bid. Then once both the Techno-Commercial bid & price bid has been saved, the bidder can click on the "Submit" button to register their bid In all cases, bidder should use their own ID and Password along with Digital Signature

	<p>at the time of submission of their bid.</p> <p>7. During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else.</p> <p>8. The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.</p> <p>9. All electronic bids submitted during the e-tender process shall be legally binding on the bidder. Any bid will be considered as the valid bid offered by that bidder and acceptance of the same by the Buyer will form a binding contract between Buyer and the Bidder for execution of supply. Such successful tenderer shall be called hereafter SUPPLIER.</p> <p>10. It is mandatory that all the bids are submitted with digital signature certificate otherwise the same will not be accepted by the system.</p> <p>11. Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.</p> <p>12. No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any bidder confirms his acceptance of terms & conditions for the tender.</p> <p>13. Unit of Measure (UOM) is indicated in the e-tender Floor. Rate to be quoted should be in Indian Rupee as per UOM indicated in the e-tender floor/tender document.</p>
10.	Any order resulting from this open e-tender shall be governed by the terms and conditions mentioned therein.
11.	No deviation to the technical and commercial terms & conditions are allowed.
12.	After submitting online bid, the bidder cannot access the tender, once it has been submitted with digital signature
13.	IREL, UDL has the right to cancel this e-tender or extend the due date of receipt of bid(s) without assigning any reason thereof.
14.	The online tender should be submitted strictly as per the terms and conditions and procedures laid down in the website www.mstcecommerce.com/eprochome/irel of MSTC Limited.
15.	The bidders must upload all the documents required as per terms of NIT. Any other document uploaded which is not required as per the terms of the NIT shall not be considered.
16.	The bid will be evaluated based on the filled-in technical & commercial formats.
17.	The documents uploaded by bidder(s) will be scrutinized. In case any of the information furnished by the bidder is found to be false during scrutiny, EMD of defaulting bidder(s) will be forfeited. Punitive action including suspension and banning of business can also be taken against defaulting bidders.

INSTRUCTIONS TO TENDERERS.

1. TECHNO COMMERCIAL BID: All the tender terms & conditions to be agreed. Bidder should not display the price in the Techno-Commercial bid
2. PRICE BID: shall contain only the **Price**.
3. LAST DATE FOR SUBMISSION OF TENDER: 02/11/2020 17:00hrs. (IST).
IREL (India) Limited may at its sole discretion reserves the right to extend the date for receipt of Bid. Bid received after the aforesaid time and date or the extended time and date, if any, shall not be Considered for evaluation.
4. VALIDITY OF BID: 90 days from the date of opening of techno-commercial bid
5. ACCEPTANCE OF TENDER:
IREL (India) Limited reserves the right to accept or reject the tender without assigning any reasons and does not bind themselves to accept the lowest offer.
6. AMENDMENTS
 - i) At any time, prior to the last date for submission of tenders, IREL (India) Limited reserves the right to amend and modify the tender document and the same may be intimated by issuing corrigendum.
 - ii) The amendment so carried out shall form part of the main tender and shall be binding upon the Tenderers. IREL (India) Limited may at their discretion, extend the last date for submission of the Bid, to enable the Bidders to have reasonable time to submit their Bid after taking into consideration such amendments.
7. CONTRACT PRICE:
The Tenderer shall fill up the appropriate price Schedules against Price schedule as detailed below included herein, stating the Deliverables to be supplied under the contract. Prices quoted by the Tenderer shall be firm, fixed and valid till completion of the contract and will not be subject to variation on any account. In case of any discrepancy between the rate and amount, the arte will be governed and between figures and words, word will prevail. The decision of Competent Authority in this regard shall be final and binding on all parties.
8. **EVALUATION AND AWARD OF CONTRACT**
Contract will be awarded to technically and commercially qualified bidder with lowest price (L1). Cost net of tax benefits to IREL (India) Limited will be considered for evaluation of L1.
9. **TENDER DOCUMENT COST (TDC)**
Bidders have to remit Rs.560/- (**Rupees Five Hundred and Sixty only**) towards Tender Document Cost by NEFT/DD/BC/BG in favour of M/s. IREL (India) Limited drawn on any Scheduled / Nationalised Bank payable at Udyogamandal. IREL Bank details is attached in Annexure-IX. Necessary proof for the remittance shall be uploaded along with submission of offers. Tender Document Cost is non refundable and no exemption will be entertained for the payment of TDC except those bidders who downloaded the tender document from published portal.

In case of Govt. body/Public Sector Undertakings tender documents may be issued free of cost subject to approval of competent authority.

Tender document cost shall be exempted to MSEs as per prevailing guidelines in this regard subject to production of valid registration certificate. Parties eligible for exemption from paying TDC may submit scanned copy of relevant document during submission of tender.

10. EARNEST MONEY DEPOSIT (EMD):

You have to remit Rs.15,000/- (Rupees Fifteen Thousand only) towards Earnest Money Deposit by NEFT/DD/BC in favour of M/s IREL (India)Limited. drawn on any Scheduled / Nationalised Bank payable at Udyogamandal. NEFT details as per Annexure-IX. EMD if remitted by NEFT, provide UTR No. with bank details. If payment is not through RTGS /NEFT, scanned copy of DD/BG/BC shall be attached during submission of tender and original shall be sent to IREL so as the same reaches IREL before the due date of opening of Tender, otherwise offer is summarily be rejected. No interest is payable on EMD.

Government Body/Public Sector Undertakings may be exempted from payment of EMD with the approval of Competent Authority.

EMD shall be exempted to MSEs as per prevailing guidelines in this regard.

In case where the EMD provided in form of BG in the prescribed format attached with the tender, the BG shall be obtained from a scheduled Bank.

The EMD will be forfeited if

- a) The tenderer changes the terms and conditions or prices or withdraw his quotation subsequent to the date of opening.
- b) The tenderer fails to accept the order when placed or fails to commence supplies / works / services after accepting the order.
- c) In case bidder submits false/fabricated documents.
- d) In case bidder fails to submit SD as stipulated in the tender

EMD shall be refunded to unsuccessful tenderers, within 30 days of placement of order on the successful tenderer. EMD shall be refunded to the successful tenderer on remittance of full Security Deposit amount. The EMD may be adjusted against security deposit of the successful bidder.

PRE QUALIFICATION CRITERIA

The contractor should satisfy any of the below said condition. Supporting documents shall be submitted along with the offer, without which the offer will not be considered.

- a) New contractor who wish to participate must attach credentials of similar work(AMC for FRP lining) done for a value not less than Rs. 5.0 Lakhs in a single contract in the past 7 years in a chemical processing industry. They must have a local office in Ernakulam with contact number and support staff to carry out the work on call.

OR

- b) Contractor who have carried out FRP lining works inside IREL, Udyogamandal or have supplied FRP lined equipments to IREL, Udyogamandal in last 7 years. They must have a local office in Ernakulam with contact phone number and support staff to carry out the work on call.

OR

- c) Any Contractor who have carried out FRP lining AMC contract with IREL, Udyogamandal.

GENERAL CONDITIONS OF THE CONTRACT (GCOC)

This document shall accompany and be a part of the tender. General conditions of procurement shall include the following clauses:

- 1 **Definition of Terms:** In the contract (as hereinafter defined) the following words, definitions and expressions shall have the meanings hereby assigned to them. Except where the context otherwise requires.
 - 1.1 **Purchaser/Company/contractee/IREL (India) Limited**
The 'Purchaser/Company/contractee/IREL' shall mean IREL (India) Limited, Rare Earths Division Unit incorporated under the companies act, 1913 and having its registered office at Plot No. 1207, opposite to Siddhi Vinayak Temple, Veer Savarkarmarg, Prabhadevi, Mumbai-400028.
 - 1.2 **Contractor/Supplier/tenderer/bidder**
The 'Contractor/Supplier/tenderer/bidder' shall mean the person or company whose tender is accepted by the Purchaser and shall be deemed to include the Contractor's successors, legal heirs, executors, administrators, representatives and permitted assignees.
 - 1.3 **Sub Contractor**
The 'Sub-contractor' shall mean the person or company named in the contract for any part of the work or any person to whom any part of the contract has been sub-let by the Contractor with the consent in writing of the Purchaser and shall include his legal heirs, executors, administrators, representatives and assignees approved by the Purchaser.
 - 1.4 **Contract:** **Contract shall** mean and include the Invitation to Tender, Instructions to Tenderers, General Conditions of Contract, Special Conditions of Contract, drawing specifications, Scope of Work, tender submitted by the Tenderer, including his price offer, Performance Guarantee Bond and other Bonds, Letter of Acceptance, Work/purchase/service/consultancy Order and the Contract and any communication having the effect of amendment of the contract, and the contract agreement.
 - 1.5 **Contract price** means the sum mentioned in the tender that has been accepted, subject to such additions thereto or deductions there from as may be made under the provisions of the contract.
 - 1.6 **Duration of Contract** means the period stipulated in the contract or work order and includes any extended period thereof, if any made by a written communication.
 - 1.7 **Officer-in-Charge (OIC)/ Engineer-in-Charge (EIC):** The term "Officer-in-Charge (OIC)/ Engineer-in-Charge (EIC)" as used herein shall mean officer or engineer as designated by IREL (India) Limited.
 - 1.8 **Representative** of Officer-in-Charge (OIC)/ Engineer-in-Charge (EIC) means any assistant of the officer /Engineer appointed from time to time by IREL (India) Limited to perform the duties of OIC/EIC.
 - 1.9 **Terms & Conditions** means the Special Conditions of Contract and General Conditions of Contract herein mentioned and other stipulations incorporated in any part of Tender Document and /or Agreement.
 - 1.10 **Tender Specification**
The term "Tender Specification" shall mean the design data, drawing schedules, broad equipment characteristics and other technical details furnished with the invitation to tender for the purpose of submitting the offer by the tenderer.

- 1.11 **Contract Specification:** The term "Contract Specification" shall mean the schedules, detailed designs, statements of technical data, performance characteristics and all such particulars mentioned as such in the contract.
- 1.12 **Letter of Intent (LOI):** The term "Letter of Intent (LOI)" shall mean intimation by a letter to successful tenderer that the tender has been accepted in accordance with the provisions contained in that letter.
- 1.13 **Site:** The term "Site" shall mean the place or places envisaged by IREL(India) Limited at which the plant and equipment supplied under the contract are to be erected and/or services/works/consultancy are to be performed under the contract.

2 **OFFICER-IN-CHARGE(OIC)/ENGINEER-IN-CHARGE(EIC):**

The Officer/ Engineer-in-charge shall have authority for

- General supervision, Follow up of supply and direction of the work
- direction to stop the work whenever such stoppage may be necessary to ensure the proper execution of the Contract
- to reject all works and materials which do not conform to the contract

The OIC/EIC shall have neither any authority to relieve the contractor of any of his duties / obligations under the contract nor ordering any work involving delay or any extra payment by IREL (India) Limited or making any variation of or in the work except otherwise expressly provided here-in-under or elsewhere in the contract.

3 **CONFLICT AND INTERPRETATION OF DOCUMENTS:**

- 3.1 Words imparting the singular only also include the plural and vice versa where the context requires; words imparting persons include firms or corporations and vice versa where the context requires.
- 3.2 Word imparting masculine gender includes the feminine gender and vice versa where the context so requires.
- 3.3 The several documents forming the contract are to be taken as mutually explanatory of one another.
- 3.4 In case conflicting statements or directives should occur among the contract documents, it shall be the responsibility of the successful bidder to notify IREL (India) Limited, with a copy sent concurrently to the OIC/EIC, immediately in writing and obtain instructions from IREL (India) Limited to eliminate the conflict.
- 3.5 The successful bidder shall notify IREL (India) Limited, with a copy sent concurrently to the EIC/OIC, promptly of any discrepancies, omissions or doubts it may have, regarding drawings, specifications or other documents. Noted or calculated dimensions shall always be followed
- 3.6 In the event of conflict between various documents forming the contract, the relevant terms and conditions of the work/purchase/service/consultancy order shall prevail over those of all such other documents forming the contract and binding on the contractor and IREL (India) Limited.
- 3.7 In case of conflict between the General Conditions of contract and the Special Conditions of the contract, the Special Conditions of contract shall prevail.

4 **Standards**

The Machinery, Material, works, Services, etc. supplied under this Contract shall conform to the standards mentioned in the Technical Specifications and, when no applicable standard is mentioned, the latest current edition or revision of the relevant Indian Standards and Codes shall be considered.

- 5 **Scope of Order and Specifications**
Contractor shall supply the material or execute the work according to the specifications enclosed and in accordance with all conditions both general and specific enclosed with work / purchase/service/consultancy order, unless any or all of them have been modified or cancelled in writing either as a whole or in part by IREL (India) Limited.
- 6 **Inspection of site**
The bidders are advised to inspect the site before submitting their offers. Interested bidders can inspect the site on any working days at our specified visiting hours with the permission of Engineer concerned of Maintenance Section. The bidders are also advised to study the labour supply/availability, trade union practices and labour rates prevailing at Udyogamandal.
- 7 **Assignment and Subletting**
7.1 The contractor shall not assign, sublet or transfer the contract or any part thereof or any benefit or interest therein or there under without the written consent of IREL(India) Limited.
7.2 The contractor shall not sublet the whole or any part of the work without the written consent of IREL (India) Limited and such consent, if given, shall not establish any contractual relationship between the sub-contractor(s) and IREL (India) Limited and shall not relieve the contractor of any responsibility, liability, or obligations under the contract and the contractor shall be responsible for the acts, defaults or neglects of any sub-contractor or his agent or workmen.
- 8 **Prices**
Unless otherwise agreed to specifically in order, the price payable by IREL (India) Limited to the contractor under the order shall remain firm throughout the period of contract. The Bidder shall include in his tender all items of equipment/system etc. as stated in the Technical specifications of the tender. The prices shall be itemized in accordance with the Price bid Schedule attached with the tender and the Bidder quoted for all items as per Price bid format will only be considered for opening the price bid. The Contractor is responsible and liable for remitting all statutory dues collected / included in the Price schedule of the contract to the statutory authorities without fail. IREL (India) Limited is not responsible for remittance of such statutory liabilities of the contractor.
- 9 **Taxes, duties & levies**
Bidders must clearly mention their Tax Registrations, wherever applicable in their offers and invoices. Tax shall be clearly mentioned in the offer indicating the applicable rates, otherwise it shall be considered to be inclusive of tax, as applicable. In order to enable IREL (India) Limited to avail tax benefits, the contractor shall ensure submission of Tax invoice as per the prescribed formats by the statutory authorities. In case the Supplier fails to submit the requisite documents, the amount on account of duties/ taxes, levies as indicated in his quotation/invoice / Work order/Contract shall not be paid.
- 10 **Security Deposit (SD):**
The successful tenderer is required to furnish Demand Draft (DD) / Banker's Cheque (BC) / Bank Guarantee/NEFT in favour of IREL (India) Limited., RED for an amount equivalent to five (5) per cent of the contract value towards Security Deposit (SD) towards the satisfactory performance of the contract, within 15 (fifteen) days of the receipt of the letter of acceptance or before commence of work at site whichever is earlier. The Security Deposit (SD) shall not bear any interest.
- 11 **Retention Money**
Retention Money @ 5% shall be retained from each progressive / interim bill or on total order value executed. Security Deposit (SD) and Retention Money shall not be more than 10% of the work order value. The retention money shall not bear any interest.

The Retention Money will be refunded only on expiry of Period of Maintenance/ Performance Guarantee specified in the work order.

However, the retention money can be released on receipt of specific written request of the contractor along with an irrevocable Bank Guarantee from a Scheduled Bank for an equivalent amount valid till the satisfactory completion of the period of maintenance specified. The contractor shall submit the same before settlement of the final bill.

11.1 The SD & retention money, if any shall stand forfeited in favour of IREL (India) Limited, without any further notice to the contractor in the following circumstances:

- i. In case of any failure whatsoever on the part of the contractor at any time during performance of his part of the contract including the extended periods of contract, where notice is given and time for rectification allowed.
- ii. If the contractor indulges at any time in any subletting/ sub-contracting of any portion of the work without approval of IREL (India) Limited.

12. Liquidated Damages (LD)

12.1 Liquidated Damages (LD) shall be levied where reasons are attributable to supplier /contractors for delays in execution of purchase order/ contract. LD shall be levied @0.5% per week or part thereof on the value of unfinished supply/work order for each week of delay subject to a maximum of 5% of the total value of contract.

12.2 Wherever the supply/work is on turnkey or having a bearing in commissioning and performance of the system in total, LD is to be imposed on total value, in such cases.

12.3 If separate period of completion is specified for certain item of work or group of items of work, at the time of issuing the order, the LD can be levied on the total value of item of work or group of items of work which are completed beyond the agreed contract period.

13 FORCE MAJEURE:

13.1 Force majeure is an event beyond the control of supplier/contractor and not involving the supplier's/contractor's fault or negligence and which is not foreseeable. Such events may include, but are not restricted to acts of the purchaser/contractor either in its sovereign or contractual capacity, wars or revolution, hostility, acts of public enemy, civil commotion, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts and freight embargoes or any other event which IREL (India) Limited may deem fit to consider so. The decision about force majeure shall rest with IREL (India) Limited which shall be final and binding. Force Majeure clause has to be compulsorily embedded in the order.

13.2 If there is delay in performance or other failures by the supplier/contractor to perform obligations under its contract due to event of a Force Majeure, the supplier/contractor shall not be held responsible for such delays/failures.

13.3 If a Force Majeure situation arises, the supplier/contractor shall promptly notify the purchaser in writing of such conditions and the cause thereof within fifteen days of occurrence of such event. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as reasonable/practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

13.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period of exceeding sixty days, IREL (India) Limited may at its option terminate the contract without any financial repercussion on either side.

14 Performance test (NA)

14.1 The Contractor shall be responsible for carrying out performance tests on all equipment supplied by him and/or procured by the Purchaser as indicated in the Technical specifications covered in the Tender document, in the presence of the Purchaser's

representative. This responsibility shall rest with the Contractor regardless of whether the erection has been carried out by him or any other agency.

- 14.2 On the satisfactory completion of the performance test, the Purchaser will issue an Acceptance certificate on written request from the Supplier.

- 14.3 The date of the acceptance certificate shall be considered to be the date of satisfactory completion of the performance test.

15 Correspondence

All correspondence shall be in English and addressed to IREL (India) Limited drawn to the attention of the officer issuing the order, unless otherwise specifically authorised.

16 Accident or Injury to Workmen

The Contractor shall be solely liable for any accident or injury that may happen to any of his personnel engaged in the Contract. IREL (India) Limited shall not be liable for, or in respect of, any damage or compensation payable at law in respect of, or in consequence of, any accident or injury to any personnel in the employment of the Contractor and the Contractor shall indemnify and keep indemnified IREL (India) Limited against all such claims, damages, compensations and proceedings. The Contractor shall forthwith report to IREL (India) Limited all cases of accidents to any of his personnel and shall make every arrangement to render all possible assistance and aid to the victims of the accident.

17. Compliance with Statutory and Other Regulations

The Contractor shall, in all matters arising in the performance of the Contract, conform at his own expense to the provisions of all Central or State statutes, ordinances or laws and the rules, regulations, or bye-laws of any local or other duly constituted authority and shall keep the Purchaser indemnified against all penalties and liabilities of every kind for breach of any such statute, ordinance, law, rule regulations or bye-law. The Contractor shall give all notices and pay all fees and taxes required to be given or paid under any Central or State statutes, ordinances or other laws or any regulations or bye-laws of any local or other duly constituted authority in relation to the contract.

18 Security regulations

The Contractor shall abide by all the security regulations at site promulgated by IREL (India) Limited from time to time. The Contractor shall provide identity badges for all his personnel, which must be properly displayed by them at site.

19 Method of black listing vendors

- 19.1 Any failure by the vendor to supply/execute the contract as per order may result in black listing of vendors by the authority competent to conclude the contract. The black listed vendor shall not be considered for a minimum period of one year from the date of black listing.

- 19.2 Further the competent authority may blacklist the bidder, if the bidder changes bid either techno-commercial and / or price or withdraw his bid after receipt of the same and during the validity period of bid.

- 19.3 Further, the vendor shall be banned from doing any business with IREL (India) Limited in case of :

- a. If security considerations including question of loyalty to the state so warrant.
- b. If the proprietor of the firm, its partner or representative is convicted by a court of law following prosecution for offences relating to business dealings.
- c. If there is strong justification for believing that the proprietor or employee or representative of the firm has been guilty of malpractice such as bribery, corruption, fraud, substitution of tenders, interpolation, misrepresentation, evasion or habitual default in payment of any tax levied by law, etc.

- 19.4 An order for ban/ suspension passed for a certain specified period shall be deemed to have been automatically revoked on expiry of that specified period and it will not be necessary to issue a specific formal order of revocation, except that an order of suspension/ban passed on account of doubtful loyalty or security consideration shall continue to remain in force until it is specifically revoked.
- 19.5 An order of ban on grounds of conviction by Court of Law may be revoked if, in respect of the same facts, the accused has been wholly acquitted by a court of law.
- 20 **Secrecy**
The Contractor shall not at any time during the pendency of the contract or there after disclose any information furnished to them by IREL (India) Limited or any drawings, designs, reports and other documents and information prepared by the Contractor for this contract, without the prior written approval of IREL (India) Limited except in so far as such disclosure is necessary for the performance of the Contractor's work and service hereunder.
- 21 **Indemnity**
The contractor shall indemnify IREL (India) Limited and keep IREL (India) Limited indemnified to the extent of the value of free issue materials to be issued till such time the entire contract is executed and proper account for the free issue materials is rendered and the left over/surplus and scrap items are returned to IREL (India) Limited. The contractor shall not utilize IREL (India) Limited's free issue materials for any job other than the one contracted out in this case and also not indulge in any act, commission or negligence which will cause/result in any loss/damage to IREL (India) Limited and in which case, the Contractor shall be liable to IREL (India) Limited to pay compensation to the full extent of damage/loss and undertake to pay the same.
- 22 **Death, Bankruptcy, etc.**
If the Contractor dies or dissolve or go into bankruptcy, or being a corporation cause to be wound up except for reconstruction purposes or carry on its business under a receiver, the executors, successors or other representatives in law of the estate of the Contractor or any such receiver, liquidator, or any person in whom the contract may become vested, shall forthwith give notice thereof in writing to IREL (India) Limited and shall remain liable for the successful performance of the contract, and nothing aforesaid shall be deemed to relieve the Contractor or his successors of his or their obligations under the contract under any circumstances. IREL (India) Limited may terminate the Contract by notice in writing to the Contractor.
- 23 **Arbitration**
All disputes and differences of any kind what so ever arising out of or in connection with the contract or carrying out of the works (whether during the course of works or after their completion and whether before or after determination, abandonment or breach of contract) shall be referred to and settled by the person authorized and notified in writing by IREL (India) Limited who shall state his decision in writing. Such a decision may be in the form of a final certificate or otherwise, within a period of 30 days from the date of receipt of such reference to them. If the Bidder is dissatisfied with the decision of such authorized person, then he may within 30 days of receipt of such decision send a written appeal to IREL, represented by the Chairman and Managing Director at the registered office, Mumbai for Arbitration, in accordance with the provisions of the Arbitration and Conciliation Act and the Rules framed there under from time to time, and for the time being in force. Such written appeals should however specify only those matters in dispute, which have been referred to such authorized person but not satisfied with the decision and the reasons leading to his dissatisfaction.
If the period of 30 days has expired at any stage, stipulated in the preceding paras without any response from the Bidder before such expiry, the Bidder is deemed to have communicated his satisfaction to the decision of IREL (India) Limited at the relevant stage and all his rights of further appeal or as the case may be, adjudication are deemed to have been waived once and for all. The seat of arbitration will be at Mumbai and only the appropriate Court coming under High Court of Mumbai will have jurisdiction to entertain all matters of litigation to the exclusion of all other courts. The Bidder shall not in anyway delay

or default or cause to delay or default the carrying out of the works by reason of the fact that any matter has been agreed to be referred to and / or referred to Arbitration. For Global tender this clause may be modified by the competent authority on case to case basis.

24 **Jurisdiction**

The courts within the local limits of whose jurisdiction the place from which the order is issued is situated only shall, subject to Arbitration Clause, have jurisdiction to deal with and decide any matter arising out of this contract.

25 **NO CLAIM FOR COMPENSATION FOR SUBMISSION OF TENDER:**

The tenderer whose tender is not accepted shall not be entitled to claim any costs, charges, expenses of and incidental to or incurred by him through or in connection with his submission of tender, even though IREL (India) Limited may elect to withdraw the invitation to tender.

26 **RISK PURCHASE CLAUSE**

After award of the contract, if the tenderer fails to execute the work as per tender or at any time repudiates the order, IREL (India) Limited has the right to forfeit and invoke the security deposit and execute the order from other agencies at the risk and cost of the tenderer. The cost difference between the alternative arrangements and total contract value will be recovered from the tenderer along with other incidental charges. In case of execution of order through alternative sources and if price is lower, no benefit on this account will be passed on to the tenderer.

27 **RELATED PARTY:**

Bids submitted by related parties in which there seems to be collusion are liable to be rejected. Parties are considered to be related if one party has the ability to control the other party or

exercise significant influence over the other party in making financial and /or operating decision.

28 **PATENT INFRINGEMENT AND INDEMNITY:**

The Supplier shall protect, indemnify and save harmless to IREL (India) Limited, its successors, assigns, customers and users of its products, against all liability, including costs, expenses, claims, suits or proceedings at law, in equity or otherwise, growing out of, or in connection with, any actual or alleged patent infringement (including process patents, if any), or violation of any licence with respect thereto, by reason of the manufacture and/or sale by, or on behalf of Supplier of the plant or any part thereof, or the purchase thereof by IREL (India) Limited or the use thereof in India for the purchase for which it is furnished, or the sale by IREL (India) Limited, its successors or assigns or products made, manufactured, fabricated, processed or produced with the said plant or any part thereof, and will defend or settle at Supplier's own expense, any such claims suits, or proceedings. IREL (India) Limited will promptly notify the Supplier in writing of any such claim, suit, action or proceeding coming to its attention, giving authority and all available information and assistance for the Suppliers defence of the same. If at any time the installation of the plant or any part thereof, or the use thereof in India for the purpose for which it is furnished or the sale of products produced therewith, is prevented or enjoyed because of patent infringement or claimed infringement, the Supplier shall promptly at his own expense, either procure for IREL (India) Limited the rights to use and continue to use such plant or replace the same at his own expense with equally efficient non-infringing plant satisfactory under all requirements of the contract, so that the operation of IREL (India) Limited's plant will not be unduly delayed or interrupted. If shipment of the plant, or any part thereof is prevented by attachment, injunction or otherwise, or in the course of transit from the Suppliers factory or other point of origin to the site of IREL (India) Limited, as a result of any claim of patent infringement the Supplier shall, at his own cost and expense, promptly furnish and post the necessary bond or take such other steps as may be necessary to enable shipment to be made without delay. IREL (India) Limited will have the right to retain counsel of its own choice to collaborate in the defence of any such claim, suit action or proceeding..

29 CANCELLATION

IREL (India) Limited reserves the right to cancel the Purchase/work/service/consultancy Order or any part thereof and shall be entitled to rescind the contract wholly or in part in a written notice to successful tenderer if;

- Successful tenderer fails to comply with the terms of the work/service order
- Successful tenderer fails to convey written acceptance of the Order within 15 days of receipt at their end.
- Successful tenderer fails to deliver goods on time and / or to replace the rejected goods promptly.
- Successful tenderer becomes bankrupt or goes into liquidation.
- Successful tenderer make a general assignment for the benefit of creditors and a receiver is appointed for any of the property owned by successful tenderer fails.

Upon receipt of the said cancellation notice the successful tenderer shall discontinue all work on the work/service order and matters connected with it. IREL (India) Limited in that event will be entitled to procure the requirements in the open market and recover excess payment over Successful tenderer's agreed price, if any, from reserving to itself the right to forfeit the EMD and/or security deposit, if any, submitted by the successful tenderer against the contract.

30 EVALUATION OF BIDS / PLACEMENT OF ORDER

Contract will be awarded to technically and commercially qualified bidder with the lowest price (L1). The L1 is arrived by combining the cost of all the items as per the Price Schedule and by considering the benefits to IREL (India) Limited.

31. PRICE PREFERENCE FOR MICRO AND SMALL ENTERPRISES

- 31.1 Micro and Small Enterprises quoting price within price band of L1+15 per cent shall be awarded 20 per cent of the quantity of works by bringing down their price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be awarded works up to 20 percent of total tendered value.
- 31.2 In case of more than one such Micro and Small Enterprise, works shall be shared proportionately (to tendered quantity).

- 31.3 **Registering in TRedsPortal** :TReDS is an online discounting platform is primarily meant for MSME vendor to get their trade receivables financed through auction mechanism where multiple financiers can participate in a very transparent manner. The main objective of the TReDS platform is to help MSME vendor get trade receivables financed based on the credit profile of your customer (Buyer) and immediate payment once the trade receivables are financed. Receivables Exchange of India Limited (RXIL), is jointly promoted by Small Industries Development Bank of India (SIDBI), the apex financial institution for promotion and financing of MSMEs and National Stock Exchange of India Ltd. (NSE), the premier stock exchange, to operate TReDS platform as per the RBI TReDS guidelines. SBI Group, ICICI Group & Yes Bank are the other stakeholder of RXIL. IREL (India) Limited have already registered with RXIL-TReDS platform for MSME Vendor Bill Discounting and as per the notification provided by the GOI, it is mandatory to get all the MSME vendors registered on the platform. Vendors can get themselves registered at: <https://onboarding.rxil.in/customerapp/home>. The registration fees of MSMEs on TReDS Platform is Free of Cost as per the new guidelines provided by SIDBI. After getting registered, Vendors will be provided a BUYER SELLER Link from IREL which they are required to accept for any transaction. For any registration queries, vendors may please contact, **Ms. Kamini Joshi: +91 70425 34926** or RXIL Relationship manager to IREL **Mr.SumanGarai: +91 91059 01069**

32 OTHER TERMS & CONDITIONS

32.1 Reporting Accidents to Labour

You shall be responsible at your expense for the safety of all employees and / or workmen employed or engaged by you on and in connection with the work in accordance with the laws framed from time to time and shall report to you all cases of serious accidents howsoever caused and wherever occurring on the works and shall make adequate arrangements for rendering all possible aid to the victims of the accidents.

32.2 Workmen's Compensation

You shall at all times indemnify IREL (India) Limited against all claims against Workmen's Compensation Act, 1923 or any other law for the time being in force in respect of any workmen employed by you in carrying out the contract and against all costs and expenses or penalties incurred by IREL (India) Limited in connection therewith and (without prejudice to any other means of recovery) IREL (India) Limited shall be entitled to deduct from any money due or to become due to you all moneys paid or payable by IREL (India) Limited by way of compensation aforesaid or for costs or expenses in connection with any claim thereto and you shall abide by the decision of IREL (India) Limited as to the sum payable by you under the provision of this clause.

32.3 IREL (India) Limited shall not be responsible for any expenses towards compensation for workmen on any account. You shall before commencing the work to cover liability for the workmen employed by him as per the Workmen's Compensation Act, 1923 and shall produce the same to IREL (India) Limited.

32.4 Contractor shall submit a copy of latest PF& ESI returns and inspection reports from statutory authorities along with a copy of challans for having deposited PF & ESI contributions every month.

32.5 Medical care in case of accident

It is the responsibility of contractor to undertake necessary care and make arrangement for transportation and treatment of his employee at ESI Hospital or any tie up hospitals of ESIC. Contractor should assist and guide his employees for claiming lawful benefits from ESI.

32.6 Records & information to be furnished by contractor

32.6.1 Contractor shall maintain neatly, completely and legibly registers, records, reports and returns for workers employed etc. inspection by various authorities at short notice.

32.6.2 Contractor shall provide information as required in respect of all of his employees employed by him to enable the Contract operating division to monitor compliance of P.F/ESI and also to enable him to furnish information to Ministry and Labour department as may be required.

32.6.3 Contractor shall provide full particulars of each employee employed by him before start of the work and from time to time. He will also endorse a copy of returns furnished by him to the Labour Department under the Contract Labour (Regulation and Abolition) Act 1970.

32.6.4 Contractor shall arrange police verification report for the employed workmen for the work and submit the copy to IREL (India) Limited Security I/C.

32.6.5 Contractor shall submit medical certificate obtain from any Govt. medicals for the workman employed for the work.

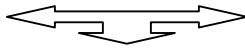
32.7 Employment liability:

You are solely and exclusively being responsible for engaging or employing persons for the execution of this work. All employees engaged by you shall be in its pay roll and be paid by you. IREL (India) Limited will have no liability whatsoever concerning the workmen engaged for this service by you. You shall indemnify IREL (India) Limited against any

loss/damage/liability arising out of in the course of its employing persons or out of relations with its employees. You shall make regular and full payment of wages along with statutory dues to the workmen within 5th of the following month irrespective of whether you are raised the bill or not and furnish necessary documents whenever required by the competent authority. You shall comply with all Acts, Laws and Regulations applicable to the area with regard to performance of the work and including, Minimum Wages Act, 1948, Contract Labour (R&A) Act, 1970, Workmen's Compensation Act, 1923 Industrial Dispute Act, 1947 and take such steps as may be deemed necessary in this regard. It shall be directly responsible for any dispute arising between them and their personnel and keep IREL (India) Limited, RED indemnified against losses, damages or claims arising thereof. ii. In case of complaint of non-fulfilment of any obligation under the contract, IREL (India) Limited reserves the right to with hold the payments due to them and out of such amount or amount of security held, if any or amounts likely to fall due to them (but without obligation to do so) to make such payment as it may consider necessary for smooth and unhindered working. There will be no relations of employer and employee between our IREL (India) Limited and the personnel so engaged by you under the contract and no claims for any employment in IREL (India) Limited will be entertained or tenable. It shall be the sole responsibility of yours to regulate and effect any terms of employment with the engaged persons without any liability whatsoever to the IREL (India) Limited.

32.8 **Variation in Quantities:**

- 32.8.1 Quantities stated under each item in the Specification or Price Schedule is approximate only. The contractor must be willing to accept any variation in quantities and the unit rate quoted shall remain unchanged.
- 32.8.2 The company reserves the right to cancel any part of the work if the same is not required to fulfill the objectives of the specific work contract.



SPECIAL CONDITIONS OF CONTRACT (SCOC)

1.0 SCOPE OF THE WORK

FRP repair and re lining of equipments / vessels / ducts / tanks etc. are to be done as per the details given below.

2.0. EQUIPMENT/ITEMS TO BE REPAIRED/LINED WITH FRP:

- a) Storage Tanks (Lined and Moulded)
- b) Process Tanks (Lined and Moulded)
- c) Settling Tanks/Mixer Settlers (Lined and Moulded)
- d) Blower (Moulded)
- e) Ventilation Ducts (Moulded)
- f) Ion exchange columns (Moulded)
- g) Fabricated structures of M.S. Angles, M.S. Channels, M.S. Joints, M.S. Pipes, etc.
- h) Agitators & Stirrers.

3.0. TYPES OF WORK:

- a) One layer of chopped strand mat (450gm/m²) with resin.
- b) One layer of surface mat with resin.
- c) One coat of resin Isophthalic (with pigment).

4.0. QUANTITY:

Approximate quantity of work will be lining about

- 250 Sq. mtr. (1 layer of chopped matting - Isophthalic resin)
- 650 Sq.mtr (1 layer of chopped matting - Bisphenol resin)
- 100 Sq.mtr (1 layer of surface matting - Isophthalic resin)
- 225 Sq.mtr (1 layer of surface matting - Bisphenol resin)
- 100 Sq.mtr (1 layer of pigment coating - Isophthalic resin)

IRE will not be responsible for any reduction in the total estimated area and the contractor is not eligible for any compensation in this regard. The split ups are given for approximate assessment of the work. The contract will be bound by the total value. The contractor has to quote as per the "Schedule of rate" attached.

5.0. MATERIALS TO BE USED:

The contractor must use only the resin and mats manufactured/supplied by our approved list of suppliers given in Annexure I. They can also purchase the same from authorised stockiest of manufacturer/supplier mentioned.

6.0 PERIOD OF CONTRACT

- 6.1 The period of contract is one year from the date of placement of order. The work shall be started immediately on receipt of order.
- 6.2 The contractor has to commence the work immediately on receiving work instructions from EIC and complete the same within the stipulated time. Contact details of the successful contractor have to be intimated to the company, and responsible person should be available at call.

7.0 PAYMENT TERMS

- 7.1 90% of the actual contract value (final bill amount) less statutory deductions applicable shall be released on completion of the entire work in all respects.
- 7.2 10% of the final bill amount (including 5% retention money collected from each interim/part bill, if any) will be retained by IRE as retention deposit/money against the performance of guarantee.
- 7.3 The Retention Money will be paid after the guarantee period or on submission of a bank guarantee for an equivalent amount valid till the completion of guarantee period.
- 7.4 **Part Payment:** The contractor is eligible for part/interim payments on completion of work to a value not less than Rs.50,000/-(excluding GST), to the extent of 95% of the interim bill amount less statutory deductions, within 30 days of receipt of clean & clear bill duly certified by the engineer-in-charge.
- 7.5 Final measurement shall be taken within one month after completion of the entire work and the final bill shall be submitted within 40 days of completion of the entire work in all respects. The Engineer-in-charge will check the bill within 20 days after its receipt and return the bill to the contractor for corrections, if any are needed. The contractor will have to re-submit the bill, with corrections within 30 days of its return by the Engineer-in-charge.

8.0 GUARANTEE:

The FRP lining/repair work done by the contractor must be guaranteed against defective workmanship and for the quality of the materials used for a minimum period of 12 months from the date of complete of each work. Any defect noticed during this period due to the reasons cited above must be rectified by the contractor free of cost and without any delay.

9.0 SAFETY, SUPERVISION & HOUSE KEEPING

- 9.1 The contractor is fully responsible for carrying out the work in safe manner. Successful contractor has to carry out the work with utmost care and as per the rules laid down by IRE safety department. Safety permit for working at heights and hazardous areas must be obtained on daily basis prior to starting of the work. Every effort must be taken to see that, as far as possible the normal production work should not get affected due to the work.
- 9.2 The work must be carried out under close supervision and without causing any damage / hindrance to the existing structure or equipment and other activities in the surrounding areas.
- 9.3 The work spot shall be cleared of the waste materials / debris on daily basis. On completion of the work, all working implements, scaffoldings, excess materials if any etc., must be removed from site.
- 9.4 Special Work Permit shall be obtained for working at heights and other hazardous areas as specified by Safety department prior to commencement of work on each day.
- 9.5 The contractor must provide Personal Protective Equipment for their workmen suitable for the working environment and also as per the advice of Safety-in-charge / Engineer-in-charge.
- 9.6 The scaffolding used for height work shall be of Mild Steel tubular type with base plate, boards and necessary bracings and working platform must be provided with hand rails. Materials used must be of good quality and strength.

9.7 Electrical extension boards are to be fitted with safety devices like ELCB, MCB/Fuse units etc. Each power tool shall be supplied through individual plug sockets. Electrical power shall be tapped through ISI marked pin plug top. Flexible cable used shall be of FRLS type with adequate current carrying capacity for the loads to be collected. Poor insulated cables and too many joints on the cable shall be avoided.

9.8 Flash back arrestors shall be provided in both the torch side and the cylinder side of all gas cutting equipments.

10.0 **SITE INSPECTION**

10.1 Interested bidders can inspect the site on any working days at our specified visiting hours with the permission of Engineer concerned of Maintenance Section/Purchase Dept.

10.2 The bidders are also advised to study the labour supply/availability, trade union practices and labour rates prevailing at Udyogamandal.

10.0 **ENGINEER-IN-CHARGE (EIC)**

Shri .Shyam Kumar, CM (M&U) will be the Engineer-in-Charge for this work.

11.0 **OTHER TERMS & CONDITIONS:**

- a) IREL will provide facilities like power, water and air free of cost. Lining materials (resins, mats etc.) and working implements, scaffoldings, etc. must of contractors scope of supply.
- b) Roughly 30% of the total FRP work will be of fabrication type, which include fabrication of FRP channels, cover plates, small cylinders, ducting, piping etc. and joining of FRP ducting/piping at site. IRE will pay only for the FRP lining work done. No extra charges will be given for cutting, setting/positioning, removal & refitting of cover plates of tanks for FRP works etc. For works which does not involve relining, charges will be given for removal of FRP /Rubber lining irrespective of the thickness.
- c) Most of the FRP lining/repair works are done at site, which include working above 3 metre height, working inside tanks etc. While attending to work inside tanks, necessary cover plates of tanks has to removed and after completion of work put back by the contractor. No additional payment other than charges for lining work done will be given to the contractor.
- d) While doing the lining work, sufficient time for drying is to be given between subsequent layers of applying mat/surface.
- e) No claim for revision of the rates will be entertained under any circumstances during the period of contract. Reasonable time of completion will be provided for each repair job.
- f) The equipment/item to be repaired/lined (see clause 1) can be inspected at our works during working hours and any further clarification, if required, can be obtained by the tenderer.
- g) The FRP lining work must be done after removing old FRP lining, if any, and properly cleaning / sand blasting the surface to be lined. The contractor must get approval from the Officer concerned of Maintenance section regarding the surface preparation, before commencing the lining work.

12.0. **QUALITY AND TESTING:**

- I. The surface matting layer must have a resin content of 80-85% by weight.
- II. The chopped strand mattings must have a resin content of 50-60%by weight.
- III. For testing the Company may adopt any or all the testing methods mentioned below:

- a) Visual inspection for cracks, blow holes etc.
- b) Cut pieces (of approximate size 50mmx50mm) will be taken from the lining and boiled in water/10% H_2SO_4 / 10% HCl – for Isophthalic resin and water /10% NaOH – for Bisphenol resin for about 4 hours. No discoloration for the sample is permitted. Also the weight loss of the sample is any, should not exceed 0.5%.
- c) For determining the glass content, the samples will be heated in a furnace at a temperature of 565° C. for four to five hours and allowed to cool in a desiccator. The loss of weight of the sample is taken as the weight of the resin.
- d) Spark testing at a rate of 4 KV / mm thickness need to be done if required. The spark tester should be brought by the contractor.

The lining work must be done only after properly cleaning or sand blasting the area to be lined and getting our approval regarding the surface preparation.



APPROVED LIST OF SUPPLIERS / MANUFACTURERS OF RESIN & P.B.MAT

A. BISPHENOL RESIN

1. Naptha Resins and chemicals Pvt. Ltd;
510 Westminster, Cunningham Road,
Bangalore – 560 052
2. Golden Resins Pvt. Ltd;
16 th Main, Koramangala Extn.
Bangalore – 34
3. Ecmas Resin Pvt. Ltd;
3-6-260/101 Madhuri Mansion
Himayatnagar, hyderabad – 500 029
4. Mechemco industries, 27
27, Kewal industrial Estate,
Senapati Bapat marg, Lower parel,
Mumbai- 13

B. POWDER BONDED / CHOPPED STRAND MAT / SURFACE VEIL

1. Binani Industries ltd;
Mercantile Chambers,
12 J.N. Heredia marg, B.E.. Bombay.
2. Saint GobainVetrotex India ltd;
Thimmapur, Hyderabad – Bangalore Highway,
Andhra Pradesh
3. Owens Corning Application Devp.Centre
10/ 1-B, Graphite India Road,
HoodiVillage, K.R.Puram,
Hubli . Bangalore – 560 048

BILL OF QUANTITIES

Sl No	Item	Quantity	Unit
1	1 layer of chopped matting in Isophthalic resin	250	Sq.mtr
2	1 layer of chopped matting in Bisphenol resin	650	Sq.mtr
3	1 layer of surface matting in Isophthalic resin	100	Sq.mtr
4	1 layer of surface matting in Bisphenol resin	225	Sq.mtr
5	1 layer of pigment coating in Isophthalic resin	100	Sq.mtr

The rate quoted for items 1 to 5 should include material, labour, removal of old FRP lining and cleaning/sand blasting the surface wherever needed. Repairing of ducts shall be carried at heights. The necessary scaffolding, platform, etc. shall be arranged by the contractor without any extra cost.

Tender Evaluation procedure:

Evaluation of the lowest quoted offer:

(Cost of lining 1 layer of chopped matting in ISO / Sq.mtr) x 250
 +
 (Cost of lining 1 layer of chopped matting in BIS / Sq.mtr) x 650
 +
 (Cost of lining 1 layer of surface matting in ISO / Sq.mtr) x 100
 +
 (Cost of lining 1 layer of surface matting in BIS / Sq.mtr) x 225
 +
 (Cost of lining 1 layer of pigment coating in ISO / Sq.mtr) x 100

The total value of the above mentioned works will be considered as overall lowest L1.

Price bid formula

a= Basic price in Rs

b= GST in %

Grand Total = a+(a*b/100)

Techno- Commercial Terms for Tenderer's Response

Sl. No	Terms	Response
1	Tenderer must carefully study the GCOC & SCOC and other terms and conditions before participation of tender. All terms and conditions of NIT and Corrigendum, if any, shall be applicable.	AGREE
2	EMD if remitted as given in schedule of Tender, provide UTR No. with bank details or upload copy of DD/BC/BG and original shall be sent to IREL(India) Limited, Udyogamandal immediately.	AGREE
3	If exempted from paying EMD, upload scanned copy of certificates showing that bidders are MSME with current valid registration & PSU/State Govt Undertakings should be uploaded necessary documents for EMD Exemption(If applicable).	AGREE
4	PQ Criteria: Bidder shall submit Documents as per Annexure III	AGREE
5	The bidder shall agree to validity of 90 days from the date of opening of Techno-Commercial bid	AGREE
6	The bidder shall agree to our payment terms & Completion period as per tender	AGREE
7	Submit Bank details for Net Banking (A/c number /Branch name/IFSC code etc.)	AGREE WITH REMARKS
8	Copy of GST IN Certificate of Bidder shall be uploaded	AGREE WITH REMARKS
9	Name & full address/Telephone/Mobile/Fax No./e-mail id of bidder	AGREE WITH REMARKS
10	Any deviations by bidder shall be uploaded	AGREE WITH REMARKS

निविदा और अन्य व्यावसायिक लेनदेन में-नैतिकता ETHICS IN TENDERING & OTHER BUSINESS DEALINGS

प्रिय महोदय/Dear Sir,

आईआरईएल (इंडिया लिमिटेड), परमाणु ऊर्जा विभाग के प्रशासनिक नियंत्रण के अधीन एक भारत सरकार उपक्रम, सरकारी नियमों और सार्वजनिक क्षेत्र के उपक्रम के नियम और अन्य वैधानिक एजेंसियों के विनियम के अनुसार अपना कारोबार कर रही है। व्यापार अच्छा कॉर्पोरेट प्रशासन के साथ एक नैतिक, तर्कसंगत और निष्पक्ष तरीके से किया जाता है।

IREL (India) Limited, a Government of India undertaking under the administrative control of Department of Atomic Energy is doing its business as per the rules and regulation of the Public Sector Undertaking and other statutory agencies. The business is done in an ethical, rational & impartial manner with good corporate governance.

हमारे व्यवहार में अधिक पारदर्शी होने और हमारी विचारधारा का समर्थन करने के हमारे प्रयास में, सभी विक्रेताओं, ग्राहकों और व्यावसायिक भागीदारों से अनुरोध है कि वे हमारी कंपनी के साथ व्यवहार करने के पक्ष में किसी भी कर्मचारी को कोई उपहार और । उपर्युक्त के प्रति आपकी प्रतिबद्धता के आश्वासन में या प्रलोभन न दें। /, यदि आप संलग्न वचनपत्र-को भरें, हस्ताक्षर करें और उनका पालन करें, तो इसकी बहुत सराहना की जाएगी।

In our endeavor to be more transparent in our dealings and to support our ideology, all Vendors, Customers and Business Partners are requested not to provide any gift and / or inducement to any of our employees for securing / being granted favor in dealings with our Company. In assurance of your commitment to the aforesaid, it will be highly appreciated if you fill up, sign and abide by the attached undertakings.

कंपनी के किसी भी कर्मचारी द्वारा मांगे गए किसी भी उपहार और या प्रलोभन की रिपोर्ट तुरंत निम्नलिखित में से किसी / एक को दी जानी चाहिए

Report of any gifts and / or inducements sought by any employee of the company should be immediately reported to any one of the following:

अध्यक्ष एवं प्रबंध निदेशक आईआरईएल लिमिटेड (इंडिया) 1207, वीमार्ग.सा., प्रभादेवी मुंबई 400028 दूर 24225778-022 .भा. ई मेल : cmd@irel.co.in Chairman & Managing Director IREL (India) Limited., 1207, V.S. Marg, Prabhadevi Mumbai 400 028. Ph: 022-24225778, Email: cmd@irel.co.in	मुख्यसतर्कता अधिकारी आईआरईएल लिमिटेड (इंडिया) 1207, वीमार्ग.सा., प्रभादेवी मुंबई 400028 दूर 24225778-022 .भा. ई मेल : cvo@irel.co.in Chief Vigilance Officer, IREL (India) Limited., 1207, V.S. Marg, Prabhadevi, Mumbai 400 028 Ph: 022-24221068, Email: cvo@irel.co.in
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हम आपको विश्वास दिलाते हैं कि आपके द्वारा इस विषय पर की गई शिकायतों को, यदि है तो, गोपनीय रखा जाएगा और निष्पक्ष जांच की जाएगी और उचित कार्रवाई की जाएगी। इसी तरह, वचनबद्धता के प्रति आपकी प्रतिबद्धता को छोड़कर, इसके उल्लंघन होने पर हम कंपनी के प्रचलित नियम के अनुसार परिणाम देंगे।

We assure you that complaints if any made by you on the subject will be kept confidential and fair investigation will be conducted and appropriate action will be taken. Similarly, we expect your commitment to the undertaking and its violation will have consequences as per prevailing rule of the Company.

धन्यवाद/Thanking you,

कृते आईआरईएल लिमिटेड (इंडिया)/For IREL (India) Limited

Sd/-

नाम/Name: ए. वीरमणि A. VEERAMANI

पदनाम/Designation: महाप्रबंधक एवं प्रधान, रे.अ. प्रभाग GM & HEAD, R.E. Division

वचन पत्रUNDERTAKING

तारीखDate:

सेवा मेंTo,

आईआरईएल लिमिटेड (इंडिया)IREL (India) Limited.,

1207, वी.एस. मार्गV.S. Marg,

प्रभादेवीPrabhadevi

मुंबईMumbai 400 028.

मैं हम /..... आईआरईएल (इंडिया लिमिटेड (ग्राहक हैं । / का एक विक्रेता (अब कंपनी के रूप में संदर्भित किया जाएगा)

I / We am / are a Vendor / Customer of IREL (India) Limited(now onwards to be referred as Company).

मैं हम सहमत हैं और वचन / देते हैंI / We agree and undertake:

कंपनी के कॉर्पोरेट कार्यालय और या इसके किसी भी क्षेत्र इकाइयों यानी एमके /, चवरा, ऑस्कॉम, आरईडी एवं आईआरईआरसी के साथ मेरे हासिल करने के / हमारे व्यवहार पाने / या प्रलोभन प्रदान नहीं / संबंध में कंपनी के किसी भी कर्मचारी को कोई उपहार और किया जाएगा

Not to provide any gift and / or inducement to any employee of the Company in connection with securing / being granted favour (s) in my / our dealings with the Corporate office of the company and / or its any field units namely MK, Chavara, OSCOM, RED & IRERC.

कंपनी के किसी भी कर्मचारी द्वारा कंपनी और हमारे / या उसके क्षेत्र इकाइयों के साथ मेरे / व्यवहार में मेरे या / देने के लिए किसी भी उपहार और हमारे पक्ष में /प्रलोभन की तत्काल रिपोर्ट किया जाएगा

To immediately report any gift and / or inducement sought by any employee of the Company granting favor(s) to me / us in my / our dealings with the Company and / or its field units.

हस्ताक्षरSignature.....

नामName.....

विषयTitle.....

कंपनी का नाम एवं पता (मुहर सहित))

Name of the Company and Address (with Seal).....

BANK DETAILS

IREL(India) Limited Bank Details.

1. Name of the Bank : State Bank of India
Udyogamandal Branch,
Udyogamandal
Kochi- 683 501
2. Account Type : Current Account
3. Account Number : 57017844321
4. IFSC Code : SBIN0070158

IREL (India) Limited, RED, GST IN: ID No. 32AAACI2799F2ZM

Bidders (Pl. Provide the details):

1. Name of the Bank :
-
2. Account Type :
3. Account Number :
4. IFSC Code :