

This tender floated in GeM portal. Bidder has to submit their offer through GeM only.

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	14-08-2025 14:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	14-08-2025 14:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Pmo
विभाग का नाम / Department Name	Department Of Atomic Energy
संगठन का नाम / Organisation Name	Irel (india) Limited
कार्यालय का नाम / Office Name	Ho
कुल मात्रा / Total Quantity	2
वस्तु श्रेणी / Item Category	Supply installation and commissioning of Online Monitoring system for liquid effluent parameters , Data connectivity including hardware parts, software program user fee for KSPCB clouds etc.
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Data connectivity including hardware parts, software program user fee for KSPCB clouds etc.
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Category not available on GeM for the text string uploaded by the buyer
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> Online Monitoring System for Water and Energy Resource Utilisation (NLC INDIA LTD)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) / Minimum Average Annual Turnover of the bidder (For 3 Years)	6 Lakh (s)
टर्नओवर के लिए एमएसई को छूट प्राप्त है / MSE Exemption for Turnover	Yes Complete
टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है / Startup Exemption for Turnover	Yes Complete
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	Experience Criteria, Bidder Turnover, Certificate (Requested in ATC), OEM Authorization Certificate, Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	No
बिड लगाने की समय-सीमा बढ़ाने के लिए आवश्यक न्यूनतम सहभागी विक्रेताओं की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
क्रेता के लिए उपलब्ध आईटीसी/ITC available to buyer	Yes
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	Supply installation and commissioning of Online Monitoring system for liquid effluent parameters
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
अनुमानित बिड मूल्य /Estimated Bid Value	1888000
Payment Timelines	Payments shall be made to the Seller within 30 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	32000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	14

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

CM-Finance (C&FV)
IREL (India) Limited, RED, Udyogamandal
(Gautam Samui)

विभाजन/Splitting

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	Yes
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एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover, shall upload the supporting documents to prove his eligibility for exemption.
2. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover shall upload the supporting documents to prove his eligibility for exemption.
3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the

date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

5. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

If the buyer has mentioned MSE purchase preference in ATC then service provider is required to upload necessary documents for MSE purchase preference for verification by the buyer during evaluation.

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
02-08-2025 11:00:00	IREL (India) Limited, RED, Udyogamandal

Supply Installation And Commissioning Of Online Monitoring System For Liquid Effluent Parameters (1 pieces)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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इनपुट कर क्रेडिट(आईटीसी) तथा रिवर्स प्रभार (आरसीएम)/Input Tax Credit(ITC) and Reverse Charge(RCM) Details

जीएसटी पर इनपुट कर क्रेडिट /ITC on GST	जीएसटी उपकर कर क्रेडिट /ITC on GST Cess
100%	100%

प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Anil Kumar.V.A	683501,IREL (India) Limited; UDYOGMANDAL,Ernakulam.	1	90

Data Connectivity Including Hardware Parts, Software Program User Fee For KSPCB Clouds Etc. (1 pieces)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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इनपुट कर क्रेडिट(आईटीसी) तथा रिवर्स प्रभार (आरसीएम)/Input Tax Credit(ITC) and Reverse Charge(RCM) Details

जीएसटी पर इनपुट कर क्रेडिट /ITC on GST	जीएसटी उपकर कर क्रेडिट /ITC on GST Cess
100%	100%

प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Anil Kumar.V.A	683501,IREL (India) Limited; UDYOGMANDAL,Ernakulam.	1	90

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.

14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

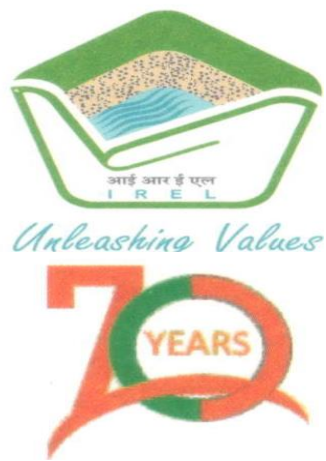
Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---



आईआरईएल (इंडिया) लिमिटेड IREL (India) Limited

(पूर्वमेंडिंडियनरेअरअर्थ्सलिमिटेड Formerly Indian Rare Earths Ltd.)

रेअरअर्थ्सप्रभाग Rare Earths Division,

उद्योगमंडल Udyogamandal, कोची Kochi-683501

CIN: U15100MH1950GOI008187

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 COMPANY

GST ID No. 32AAACI2799F2ZM

IREL/RED/P/25-26/35280/

निविदा आमंत्रण सूचना NOTICE INVITING TO TENDER

SCHEDULE OF TENDER (SOT)

a.	Description of supply	Installation and Commissioning of Treated Liquid Effluent Parameter monitoring System at ETP
b.	Mode of tender	Open tender invited in two parts. Part-I: Techno-Commercial Bid Part - II: Price Bid.
c.	Estimated Value	Rs.18,88,000/- (all inclusive)
d.	Earnest Money Deposit (EMD)	Rs. 32,000/-
e.	Pre-Bid meeting	02-08-2025, 11.00Hrs, at IREL, RED, Udyogamandal
f.	Validity of Tender	90 days from the date of opening of Techno-Commercial bid.
g.	Tender inviting authority	Shri.V A Anil Kumar- CM-Technical (Purchase) IREL (India) Limited, R E Division, Udyogamandal - 683 501, KERALA E-mail: purchase-red@irel.co.in Ph. No. 0484-2545199

NOTE

EMD EXEMPTION: For this tender, Under MSE category, only manufacturers for goods are eligible for exemption from EMD. Traders are excluded from the purview of this Policy. The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category along with Udyam Certificate otherwise offer will be rejected without any further clarification.

BIDDING SYSTEMS

This is a two-part tender. The tenderers should bifurcate their quotations in two parts (Part-I & II).

PART-I “Techno-commercial bid”:

It contains the eligibility, technical quality and performance aspects, EMD, commercial terms and conditions and documents sought in the tender, **except the price and relevant financial details.**

PART-II “Financial bid”:

It contains the price quotation along with other financial details.

PART-I shall be opened first and evaluated by a committee constituted by competent authority.

PART-II: the financial bid of Techno-commercially eligible bidders shall be opened on recommendation of above committee on a notified date and time after sending advance notice to all qualified bidders for being present.

CONTACT PERSONS OF TENDERING AUTHORITY

Purpose	Name	E-mail ID	Contact No.
For Technical Specification / Scope of work related query	Shri. K A Joshy M-Technical (Electrical)	electrical-red@irel.co.in	91 7593880813
For Bid/tender related query	Shri. V A Anil Kumar CM-Technical (Purchase)	purchase-red@irel.co.in	0484-2545199 9443482644
For Consignment/Goods Transportation related query	Shri. Sanjaykumar Vind SM-Technical (Stores)	stores-red@irel.co.in	91 8301997625
For Payment/refund related query	Shri. Goutam Samui, CM-Finance (Costing & Financial Vetting)	finance-red@irel.co.in	9497094368

GUIDELINES FOR PROCUREMENT FROM MSEs

1.0 Procurement from Micro, Small and Medium Enterprises (MSEs):

The Procurement Policy for Micro and Small Enterprises, 2012 [as amended time to time] has been notified by the Government in exercise of the powers conferred in Section 11 of the Micro, Small and Medium Enterprises Development (MSMED) Act, 2006. In line with Government Policy, the prevailing guidelines in this regard as issued from time to time is to be strictly adhered to.

- 2.0 As per the Government notified Public Procurement Policy for Micro & Small Enterprises (MSE), it is mandated that 25% of procurement of annual requirement of goods and services will be sourced from the Micro and Small Enterprises.
- 3.0 In tender, participating Micro and Small Enterprises (MSE) quoting price within price band of L1+15 (fifteen) per cent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE and such MSE shall be allowed to supply up to 25(twenty-five) per cent of total tendered value. The 25(twenty - five) per cent quantity is to be distributed proportionately among these bidders, in case there are more than one MSEs within such price band.
- 4.0 Within this 25% (Twenty Five Percent) quantity, a purchase preference of four (4) per cent s reserved for MSEs owned by Scheduled Caste (SC)/ Scheduled Tribe (ST) entrepreneurs and three (3) percent is reserved for MSEs owned by women entrepreneur (if they participate in the tender process and match the L1 price).However, in event of failure of such MSEs to participate in tender process or meet tender requirements and L1 price, four percent sub-target for procurement earmarked for MSEs owned by SC/ST entrepreneurs and three (3) percent earmarked to women entrepreneur will be met from other MSEs.
- 5.0 MSEs would be treated as owned by SC/ ST entrepreneurs:
 - a) In case of proprietary MSE, proprietor(s) shall be SC /ST;
 - b) In case of partnership MSE, the SC/ ST partners shall be holding at least 51% (fifty-one percent) shares in the unit;
 - c) In case of Private Limited Companies, at least 51% (fifty-one percent) share shall be held by SC/ ST promoters.
- 6.0 If subcontract is given to MSEs, it will be considered as procurement from MSEs.
- 7.0 In case of tender item cannot be split or divided, etc. the MSE quoting a price within the band L1+15% may be awarded for full/ complete supply of total tendered value to MSE, considering the spirit of the Policy for enhancing Govt. Procurement from MSEs.
- 8.0 Where any Aggregator has been appointed by the Ministry of MSME, themselves quote on behalf of some MSE units, such offers will be considered as offers from MSE units and all such facilities would be extended to these also.
- 9.0 **Traders/ distributors/ sole agent/ Works Contract are excluded from the purview of the policy.**
- 10.0 To reduce transaction cost of doing business, Micro and Small Enterprises is to be facilitated by providing them tender sets free of cost, exempting Micro and Small Enterprises from payment of Earnest Money (EMD), adopting e-procurement to bring in transparency in tendering process. However, exemption from paying Performance Security / Performance Bank Guarantee is not covered under the Public Procurement policy.
- 11.0 MSEs may also be given relaxation in prior turnover and prior experience criteria during the tender process, subject to meeting of quality and technical specifications. However, there may be circumstances (like procurement of items related to public safety, health, critical security operations and equipment, etc.) where the vendor having prior experience may be preferred rather than giving orders to new entities.
- 12.0 Payment to the MSME vendors is to be made within 30 days from the date of receipt and acceptance of goods/ services.
- 13.0 In case Bidder is a Micro or Small Enterprise under the Micro, Small and Medium Enterprises Development Act, 2006, the Bidder is to be asked for submitting the following along with tender:
Ministry of MSME has notified criteria for classifying the enterprises as Micro, Small and Medium Enterprises as combination of investment in Plant & machinery or Equipment and Turnover.

Mandatory registration in Udyam Registration Portal for all new and existing MSME has been prescribed. Accordingly, Micro and Small Enterprises (MSEs) shall be required to submit Udyam Registration Certificate for availing benefit.

- 14.0 To enhance MSME competitiveness, the Government of India envisioned the Zero Defect Zero Effect (ZED) initiative to make MSME sustainable and transform them as National and International Champions. MSME Sustainable (ZED) Certification is an extensive drive to create awareness amongst MSMEs about Zero Defect Zero Effect (ZED) practices and motivate & incentivise them for ZED Certification while also encouraging them to become MSME Champions.

The ZED (Zero Defect Zero Effect) Certification, a scheme by the Indian government for Micro, Small, and Medium Enterprises (MSMEs), offers numerous benefits, including financial incentives, improved quality and productivity, enhanced market access, and increased global competitiveness. For registration please visit <https://zed.msme.gov.in>

15.0 RXIL (TReDS) PLATFORM

IREL is registered with RXIL (TReDS) platform. MSE bidders are requested to get registered with RXIL (TReDS) platform to avail the facility as per the GOI guidelines.

IREL (India) Limited is onboard with TReDS platform of M/s RXIL for facilitating Bill Discounting for MSME's.

As per DPE/7(4)/2007-Fin dt 21/08/2020, 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.

For any registration queries, vendors may please contact,

RXIL Relationship manager Mr. Satyajeet Jathar: +91 99201 00784 / +91 9004100784 **email:** satyajeet.jathar@rxil.in

RXIL Relationship manager Mr Kirti musale : +91 90048 17501 **email:** kirti.musale@rxil.in

DTX - KreDX Platform Private Limited (the 5th TReDX Platform) - Registration Number- COL75X754M2W

Prathamesh Varose: +91 -8600273564 **email:** prathamesh.varose@kredx.com

Jason Chongtham: +91 -9600063327 **email:** jason@kredx.com

M1xchange

a. Registration Number -BUYER00047728

b. Contact Person: Mr. Ankit K. Singh, 9800250394, **email:** ankit.singh@m1xchnage.com

Invoicemart

a. Entity ID/Registration Number- 1000036436

b. Contact Person: Mr. Amith Dutta, 8600179668, **email:** Amit1.Dutta@invoicemart.com

C2treds (C2FO)

a. Registration Number: B0320250094

b. Contact Person: Ms. Monalisa, 9220407665, **email:** monalisa.das@c2treds.com

IREL (India) Limited Unit Administrator Mr. V A Anil Kumar : +91 9443482644 email : purchase-red@irel.co.in
IREL (India) Limited Nodal Officer Mr.
K.V.Ramakrishna: +918104997177 email: kramakrishna@irel.co.in

16.0 MAKE IN INDIA

For this procurement, Public Procurement (Preference to Make in India). Order 2017 dated 15.06.2017, 28.05.2018 & 29.05.2019 and subsequent Orders issued by the respective Nodal Ministry shall be applicable. The bidder has to provide certificate as a proof for minimum 50% and 20% local content required for qualifying Class 1 and Class 2 Local Supplier respectively.

SECURITY DEPOSIT (SD), PERFORMANCE BANK GUARANTEE & RETENTION MONEY

1.0 SECURITY DEPOSIT (PERFORMANCE SECURITY) & PERFORMANCE BANK GUARANTEE

1.1 Security deposit (SD) shall be uniformly levied @ 5% of contract value (excluding Taxes) towards satisfactory completion of the order/works as under:

a) For supply & service contract valued more than Rs.5 lakhs. Performance Security is to be furnished by a specified date (generally 14 (fourteen) days after notification of the award) and it should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier/ contractor, including warranty obligations/ defect liability period (DLP).

1.2 Submission of SD/PBG, if called for in the tender can also be paid through Insurance Surety Bonds' or 'account payee demand draft' or 'fixed deposit receipt from a Scheduled Commercial bank' or 'Bank Guarantee issued/ confirmed from any Scheduled Commercial Banks in India' or online payment to be confirmed sharing Unique Transaction Reference (UTR) to the tender inviting authority as called for in tender.

1.3 Bank Guarantees towards Bid Security/ Security Deposit/ PBG issued by Nationalised Banks/ Scheduled Commercial Banks (other than Cooperative Banks) only acceptable.

1.4 EMD/ Bid Security may be adjusted towards SD. However, if EMD is submitted in the form of Bank Guarantee, fresh Bank Guarantee in the prescribed format or demand draft/ bankers cheque is to be submitted towards SD.

1.5 The SD shall not bear any interest and is liable to be forfeited for unsatisfactory completion or on abandonment of the supply/ work order.

2.0 RETENTION MONEY

In contract, where payment is made on progressive billing of supply made/ work executed, 5% of the bill value is to be retained at the time of making payment towards rectification/defective work/supply made as retention money.

3.0 SECURITY DEPOSIT & RETENTION MONEY

The total SD and retention money together towards performance guarantee shall not exceed 10% of contract value. The performance security should be refunded to the supplier/ contractor without interest, after he duly performs and completes the contract in all respects but not later than 60(sixty) days of completion of all such obligations including the warranty under the contract/ 365 days beyond DLP.

4.0 REFUND OF SD & RETENTION MONEY

a) Before releasing SD or retention money in respect of supplies/works, a "No Dues Certificate" shall be issued by EIC/ OIC duly countersigned by Head of the department after ensuring that no amounts are recoverable from the supplier/ contractor.

b) EIC/OIC shall recommend release of SD and retention money after compliance by the contractor towards guarantee/ warranty/ performance guarantee & other related clauses as stipulated in the purchase/work order and on submission of formal claim by supplier/contractor.

c) On receipt of "no dues certificate" from EIC/OIC, SD or retention money may be refunded at the earliest, if the contractor is not liable to pay any money to IREL under any other contract.

5.0 **FORFEITURE OF SD & RETENTION MONEY**

The SD & retention money shall stand forfeited in favour of IREL, without any further notice to the contractor in the following circumstances:

- (i) In case of any failure whatsoever on the part of the Supplier/ 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 Supplier/ contractor indulges at any time in any subletting/ subcontracting of any portion of the work without approval of IREL.

1.0 PRE-QUALIFICATION CRITERIA (POC)

- 1.1 The bidder should be experienced in having successfully executed similar type of online effluent monitoring system at any Central/State Government companies or Central/State Government PSUs or reputed private organizations.
- 1.2 The bidder shall provide documentary evidence viz. copy of Work order, completion or satisfactory performance certificate.
- 1.3 The bidder should have completed similar type work order having Order values as follows.
- a. Three similar completed works costing not less than the amount equal to Rs. 7.4 Lakhs.
or
 - b. Two similar completed works costing not less than the amount equal to Rs. 9.25 Lakhs.
or
 - c. One similar completed work costing not less than the amount equal to Rs.14.8 Lakhs.

Similar type system means the work includes supply, erection, commissioning and performance testing of liquid effluent online parameter at any Central/State Government companies or Central/State Government PSUs or reputed private organizations.

- 1.4 Average annual financial turnover during the last 3 years ending 31st March 2024 of the previous financial year should be at least Rs.5.55 Lakhs
- 1.5 The bidder shall furnish copy of Technical Datasheet of Supply items with make, model etc.
- 1.6 Site inspection is mandatory. The bidder shall furnish Site inspection certificate issued from IREL, RED along with tender documents.
- 1.7 Interest party should provide demonstration of their instrument/system at our site before submitting the quote. The offer from the parties will not be consider for further evaluation if they fail to provide demonstration at our site before the due date of opening the tender.
- 1.8 The supplied instruments shall be complied TUV Germany norms (as per KSPCB guide lines). Required documentary proof should provide for verification.
- 1.9 The Instruments/system supplied by the bidder shall be USEPA or MCERT certified products. Required documentary proof should provide for verification.
- 1.10 The bidder shall be OEM/ Authorized dealer/channel partner etc. Documentary proof for OEM should provide along with the technical bid. In case of Authorized dealer/channel partner etc. necessary authorization letter from OEM shall be provided.
- 1.11 The bidder should have service center at Kerala preferably at Cochin. Proof of the same should be provided for verification.
- 1.12 The bidder has to submit signed & seal affixed and duly filled SCOC (Annexure-I) and Technical Deviation Statement Form (Annexure II) as proof of acceptance of Technical Specification.

PART - I

TECHNO-COMMERCIAL BID

MANDATORY DOCUMENTS REQUIRED TO BE SUBMITTED ALONGWITH TECHNO-COMMERCIAL BID.

Sl. No.	Description	Up-loaded Yes/No
1	DOCUMENTS AS PER PRE-QUALIFICATION CRITERIA.	
2	ACCEPATNCE OF SCOC/TECHNICAL SPECIFICATION (ANNEXURE-I)	
3	DULY FILLED SIGNED & SEAL AFFIXED TECHNICAL DEVIATION STATEMENT FORM(Annexure-II)	

REQUIRED DOCUMENTS TO BE SUBMITTED ALONGWITH TECHNO-COMMERCIAL BID.

Sl. No.	Description	Up-loaded Yes/No
1	PROOF OF SUBMISSION OF EMD / VALID EXEMPTION CERTIFICATE (If Applicable).	
2	SIGNED & SEAL AFFIXED and DULY FILLED Annexure-III to VII (Page 18 - 23).	
3	COPY OF GST & PAN CERTIFICATES.	
4	ANY OTHER DOCUMENTS AS PER TENDER CONDITIONS.	

SPECIAL CONDITIONS OF CONTRACT (SCOC)

1.0 SCOPE OF WORK

The scope of installation and commissioning of Treated Liquid Effluent parameter monitoring system includes but not limited to

- 1.1 Supply, Erection, Commissioning, demonstration and Performance Testing of Multi parameter sensor with Controller for monitoring treated liquid effluent.
- 1.2 Supply, Erection, Commissioning, demonstration and Performance Testing of sensor with its control cable/signal cable of length suiting to site conditions for COD,BOD,TOC&TSS parameter of the treated liquid effluent.
- 1.3 Supply, Erection, Commissioning, demonstration and Performance Testing of sensor with its control cable/signal cable of length suiting to site conditions for pH/ORP parameter of the treated liquid effluent.
- 1.4 Supply, Erection, Commissioning, demonstration and Performance Testing, Parameter/data connectivity system including Hardware & Software with CPCB & KSPCB clouds.

2.0 TECHNICAL SPECIFICATION/FEATURES OF CONTROLLER, SENSORS ETC..

2.1 Multi parameter sensor

- 2.1.1 Powerful & modular water quality system for complete process control designed for Treated water. The system can handle additional sensors easily at any time as and when required to monitor additional parameters. The system should have better network visibility & management, early detection of network failures, improved compliance with regulatory targets, and cost savings.
- 2.1.2 User friendly operation and maintenance, preventive maintenance at cables and sensors can be performed at site itself.
- 2.1.3 Centralized power supply along entire network; 2-wire cable provides power and communications.
- 2.1.4 Inbuilt Lightning protection along network.
- 2.1.5 Provides tactile buttons as easy reset of parameter at site (wearing gloves).
- 2.1.6 The system should have facility to extend additional sensors from (1 to 20 sensors) to handle more effluent parameters.
- 2.1.7 LED light status signal for easy Indication/Identification.
- 2.1.8 Programmable access permission or programme locking facility to avoid unauthorized handing of software programme.
- 2.1.9 System should have redundancy if two terminals are used; use in one location or move from point to point Building, can determine which modules are needed (control, communications, etc.), determine distances for cabling and select parameters.

2.2 Multi parameter Controller

The controller should have:-

- 2.2.1 Latest features of highly advanced capability for handling at least 20 sensors in a single controller configuration.
- 2.2.2 Capability to be operated as Controller (having programmability feature) or just a terminal (that can display the data without any way to make changes).
- 2.2.3 Display with improved reading precision through special backlit graphic display.
- 2.2.4 Easy User Intuitive operating keys: including keys for functions such as: Measurement, calibration, set/system settings, additional keys for: confirmation/switching menu.
- 2.2.5 Internal integrated Data logger with minimum data memory for up to 500,000 data sets.
- 2.2.6 The ability to power all the sensors and terminals or accessories attached to it without having to need any additional power sources in the system for increased protection against lightening and possible electromagnetic interference.

- 2.2.7 The system start automatically after the power is reset to the system (in case of power failure).
- 2.2.8 Low power consumption of less than 5W.
- 2.2.9 Sensors connected to the system is automatically detected and initialized.
- 2.2.10 No extra system configuration should be needed for substitute / replacement sensors.
- 2.2.11 Service mode for cleaning/calibration/ maintenance activities.
- 2.2.12 Facility to download the data via the USB interfaces an extremely fast data exchange to USB memory stick.
- 2.2.13 System is fully programmable with multiple levels of access control with help of Electronic- Key for data security and protection against non-authorized access to avoid any tampering or changes to the system configuration by unauthorized access.
- 2.2.14 The facility to stores the sensor configurations and calibrations.
- 2.2.15 The facility to have electronic Logbook to record the data.
- 2.2.16 We provide the software / firmware update free of cost when they are available.
- 2.2.17 The system has a status LED that gives reliable and fast information regarding function and status of system. And the Controller shows a LED for diagnostic purposes on the front. This LED show normal and malfunctions of the system at a glance.
- 2.2.18 The System have the capability to transmit the required 4- 20 mA Analog Outputs (Data Output to Control System). In addition to above, the system has provision to output Profibus, Modbus/RS 485, RS 232, LAN, GPRS, GSM compatible signals in future with addition of respective module as and when required.
- 2.2.19 The system is able to operate both on AC Power (100-240 AC) or 12/24V DC.
- 2.2.20 Ambient Conditions Operating temperature: -4 °C to +55 °C.
- 2.2.21 Storage temperature: -10 °C to +65 °C.
- 2.2.22 Housing Material – Non corrosive e.g. Acrylonitrile-Styrene-Acryloesterpolymer or better.
- 2.2.23 Protection Rating IP 66 / equivalent to NEMA 4X.
- 2.2.24 Electromagnetic Compatibility: EN 61326, Class B; FCC Class A, EMC for indispensable Operation.
- 2.2.25 Integrated Lightning Protection: According to EN 61326 enhanced overvoltage protection for the entire system, implemented in each component.

2.3 SENSOR FOR COD, BOD, TOC&TSS PARAMETER

- 2.3.1 The sensor measure the total spectrum range from ultraviolet to long wave visible light (200-720 nm; UV-VIS sensors) or in the ultraviolet range (200- 390 nm; UV sensors). The measured values are determined from the high information content of the spectral data. The calculation is based on methods and characteristics that were achieved from a multitude of measurements and longtime analyses. The selected algorithms that are adapted to the measuring site (inlet, Biological Tank, outlet) having a high correlation with the basic parameter COD. The spectral procedure has an additional advantage of the turbidity of the test sample, which affects optical measurements, is optimally compensated over a wide wavelength range. Moreover, the spectral measurement provides an optimal compensation of the influence of existing nitrate and nitrite for the COD measurement. The determined measurement result is displayed directly as mg/l COD. A known correlation between this basic parameter COD and one of the related carbon parameters (TOC, DOC or BOD, to be selected) can be set by means of a user-specific calibration.
- 2.3.2 The sensor works on the Principle by Measurement of full wave lengths spectra.
- 2.3.3 UV-VIS Spectrometry should have wave length spectrum ranges from 200 – 720 nm.
- 2.3.4 Uses Multi parameter probe for monitoring of BOD/COD/TOC/TSS in Waste water.
- 2.3.5 Direct in-situ measurement in inlet / outlet of waste water treatment plant.
- 2.3.6 The sensor with efficient integrated ultrasonic cleaning facility. If the ultrasonic cleaning.

- 2.3.7 The Material of construction is Titanium 3.7035, PEEK Window: Sapphire glass.
- 2.3.8 The sensor is completely reagent free for operation.
- 2.3.9 UV-VIS Light Source: Xenon Flash Lamp.
- 2.3.10 Accuracy of reading in Standard Solutions: +_3 % of the measured value or +_2.5 mg/l
- 2.3.11 Ambient Conditions: Operating temperature: 0 °C to +45 °C;
- 2.3.12 Storage temperature: -10 °C to +50 °C
- 2.3.13 Pressure Resistance ≤ 1 bar.
- 2.3.14 Flow Velocity ≤ 3m/s.
- 2.3.15 pH range 0 to 14
- 2.3.16 Provision for **Clean measuring windows (Ultrasonic Cleaning)**. A prerequisite for reliable optical measurements fouling on the measuring windows can easily simulate high concentrations in COD measurement systems. Once the dirt has settled on the measurement windows, the continued build-up of dirt particles will progress at increasing speed. Especially the use in treatment plants with strong fouling problem from the growth of microorganisms or the deposit of dirt on the measurement windows presents a real challenge to the optical online measurement technology. The integrated, permanently operating ultrasonic cleaning of the measurement windows, which is integrated in all spectral WTW sensors as a standard very effectively and gently prevents the growth of all types of dirt/fouling from the start. This guarantees a permanently reliable online measurement.

2.4 SENSOR FOR PH PARAMETER

- 2.4.1 The sensor is preferably with efficient integrated ultrasonic cleaning facility. If the ultrasonic cleaning can't be provided then the bidder should include the air-pressure cleaning system to ensure long maintenance intervals for this sensor.
- 2.4.2 The pH combination electrodes shall be having very little maintenance and there should be no electrolyte replacement.
- 2.4.3 Sensor calibration can be done in the laboratory or field/site
- 2.4.4 Sensor should have the capacity to store Calibration history automatically in the sensor.
- 2.4.5 The pH sensor should have galvanically separated input.
- 2.4.6 Measuring Range: pH - 0.00- 14.00
- 2.4.7 Signal Output -Digital
- 2.4.8 Power Consumption: less than 0.5 Watt
- 2.4.9 Temp Compensation: -5 to +50 Deg C
- 2.4.10 Max Pressure for Sensor & Cable : 10 Bar.
- 2.4.11 Sensor body: Titanium or equivalent.
- 2.4.12 protection type: IP 68 for both Sensor and Cable.
- 2.4.13 Transient Voltage Protection Integrated with sensor.
- 2.4.14 Integrated Temp measurement: Provided inbuilt with sensor.

3.0 TESTING & CALIBRATION

- 3.1 After the installation of the entire system shall be checked for its functioning.
- 3.2 All the sensors shall be calibrated with sets of buffer solution and the calibration report shall be provided to the EIC.
- 3.3 The entire operation shall be briefed to the operators and shall conduct ½ day on site training shall be provided to all operators.
- 3.4 Contractors shall provide operating manual/procedure both in hard and soft copy.

4.0 SCOPE OF IREL, RED

- 4.1 Electric power, water, at single point on free of cost. Contract shall make their own arrangement for the safe use of the same.

- 4.2 IREL, RED will not be liable for any loss or damage to the Contractor's equipment as a result of variations in the voltage or frequency or interruptions in power supply. In the event of any power failure/ interruption / stoppage of power supply for a continuous period not exceeding 24 hours, the Contractor shall have no claim whatsoever against the IREL, RED. For any power failure/stoppage resulting in interruptions for continuous period exceeding 24 hours, the Contractor will be eligible only for reasonable extension of time and not for any compensation on this account.
- 4.3 After completion of the works, the Contractor shall promptly dismantle the distribution and other facilities that he may have erected, at his own cost.
- 4.4 Supply of effluent water at adequate quantity and pressure will be made available by IREL, RED at site for the performance test.
- 4.5 Charged (required data capacity) SIM connection, for transmit the parameters to the cloud platform of the CPCB & KSPCB server.

5.0 SCOPE OF CONTRACTOR

- 5.1 All Material/instruments/tool required for the execution and completion of work shall be under the scope of contractor.
- 5.2 Any material/works not mentioned in the order but required for the completion of the project shall be under the scope of contractor.
- 5.3 The Contractor shall provide necessary supervisory personnel, staff, skilled and unskilled labour, to ensure the whole of the erection work is completed in all respect within the period specified in the Contract.
- 5.4 The Contractor shall ensure, when local laws require, the concerned employees obtain and hold certificates of competency for their work from the competent authority.
- 5.5 Unless otherwise provided in the Contract, the Contractor shall arrange all construction / erection equipment, welding equipment, erection and lifting tools and tackles, instruments and appliances required for the erection work, as well as equipment, tools and tackles for the transportation to site of erection of all equipment supplied under the Contract.

6.0 WORKING TIME

The normal time of work is between 0800Hrs to 1600 Hrs on any working day. The contractor may be allowed to work extra time as and when required but it should not exceed more than 1800Hrs with prior intimation and approval of Engineer-in-charge. The contractor has to take work necessary safety permit from the safety department before starting the work.

7.0 SITE VISIT

- 7.1 The tenderer or his representative shall be deemed to have inspected and examined the site and surroundings before submitting his tender and shall obtain the necessary information as to risks, contingencies and other circumstances which may influence or affect his tender.
- 7.2 The tenderer shall advised to know the labour practice followed at Eloor industrial belt before submitting the quote to avoid the confusion/conflict with the labour unions
- 7.3 **Site inspection is mandatory.** The tenderer shall submit Site inspection certificate issued by IREL, RED along with tender documents (Technical Bid).

8.0 SAFETY & HOUSEKEEPING

- 8.1 The supervisors and labours engaged by the contract for the work shall undergo half day safety training conducted by company safety department before the commencement of field work at IREL, RED.

- 8.2 It is the sole responsibility of contractor to carry out the work in an utmost safe manner.
- 8.3 Successful contractor will have to carry out the work as per the rules laid down by IREL Safety department.
- 8.4 The debris generated during the course of erection needs to be cleared then and there and the work spot shall be kept clean. If such waste is not removed, the expenses incurred for the waste removal will be deducted from the contractor bill amount.
- 8.5 All Activity in connection with work has to be carried out in consultation with Engineer In-charge of company

9.0 PERFORMANCE TESTS AND PROVISIONAL ACCEPTANCE

- 9.1 The Contractor shall inform the EIC for the proposed date of the commencement of the performance tests in advance.
- 9.2 The Contractor shall be responsible for carrying out performance tests on all the instruments supplied by him.
- 9.3 The responsibility shall rest with the Contractor regardless of whether the erection has been carried out by him or any other agency.
- 9.4 Performance of the system shall be demonstrated to a team/committee of personals from IREL, RED. The team consists of representative from Production department, QC & R section and EIC.
- 9.5 The contract shall demonstrate performance test on three batches of treated liquid effluent.
- 9.6 Acceptance of performance test shall be based of the evaluation by the team/committee of personals from IREL, RED.
- 9.7 The contractor shall responsible to demonstrate all the effluent parameters as specified in the scope of work and also to transmit the parameters to the cloud platform of the CPCB & KSPCB server.
- 9.8 On the satisfactory completion of the performance test, the IREL, RED will issue an Acceptance certificate on written request from the Supplier.
- 9.9 The date of the Acceptance certificate shall be considered to be the date of satisfactory completion of the performance test Witnessed and accepted by the team/committee of personals from IREL, RED.

10.0 GUARANTEE

- 10.1 The entire Instruments supplied by the contractors against the work order shall be guaranteed for a period of 12 months for any damage/compliant for the items supplied and defective workmanship for the work executed, from the date of handing over the site to IREL.
- 10.2 Any supplied items found complaint during the warranty period shall be replaced/repared immediately without hampering the regular operation of the working plants. If the replacement/repair happens to be time consuming nature, party shall arrange spare component on temporary basis for continue the regular operation of the plant. Party shall take back their spare component once the repaired component put in the system for normal operation.
- 10.3 The Supplier shall be responsible for any defects that may be noticed therein notwithstanding that such defects could have been noticed at the time of inspection or any defects therein are found to have developed under proper use, arising from faulty materials, design or workmanship or fails to fulfill the performance testing or other requirement of the order and the Supplier shall remedy all such defects as aforesaid at his own cost. IREL, RED, who shall state in writing in what respect the goods are faulty and further if in the opinion of the Purchaser the defects are of such a nature that it is necessary to replace or renew any defective stores, such replacement or renewal shall be made by Supplier forthwith without any extra costs to the Purchaser.

- 10.4 If the Supplier fails to rectify such defects to the full satisfaction of the Purchaser within a reasonable time, the Purchaser may reject and replace at the cost of the Supplier the whole or any part of the equipment as the case may be which is defective or fails to fulfill the requirements of the order. Such replacement at the cost of the Supplier shall be carried out by the Purchaser within a reasonable time with equipment of the same particulars or when the equipment conforming to the stipulated particulars are, in the opinion of the Purchaser, not readily procurable, such opinion being final, then with the nearest substitutes.

11.0 COMMENCEMENT AND COMPLETION OF WORK

- 11.1 Qualified supervisor shall be present for supervising the work.
- 11.2 Work shall be commenced within 10 days from the acceptance of the work order or 10 days from the date handing over the site whichever is later. The date of acceptance of the work order is defined as the date of signing of the letter of acceptance of the order or 10 days from the date of dispatching of the order whichever is earlier.
- 11.3 The entire work as specified in the work order shall be completed within 90 days from the date of issue of work order. In case of any stoppage of work by IREL after commencement of work, the number of days stopped shall be extended for the completion of work.

12.0 RATE

- 12.1 Contractors shall be advised to quote for entire work as per price schedule
- 12.2 The quantity mentioned in the price schedule is approximate.
- 12.3 The payment will be paid for actual quantity of work carried out.
- 12.4 Rate should be quoted including the cost of material supplied by the contractor as per the price schedule.
- 12.5 All statutory charges including user fee charges for KSPCB cloud platform etc. , P &F, Freight charge etc. may be included in the price schedule.
- 12.6 Partial quote/incomplete quote shall not be considered for L1 status.

13.0 PAYMENT

- 13.1 Party is not eligible for part payment.
- 13.2 95% of the Payment after deducting statutory levies will be released within 30 days after commissioning and performance testing of the system.
- 13.3 Balance 5% shall be retained by IREL as retention money and it will be released after completion of the warranty period.
- 13.4 The contractor is responsible and liable to remit all statutory dues collected/included in the Price Schedule of the contract, to the Statutory Authorities without fail. IREL is not responsible for remittance of such tax collections.

14.0 PRE-BID MEETING

The pre bid meeting shall be conducted on 02.08.2025. The bidder's site visit and clarification should be completed before the pre bid meeting. After the pre bid meeting no technical clarification will be entertained.

15.0

BILL OF QUANTITIES (BOQ)

S.No.	Description	Qty	Unit
1	Supply installation, commissioning, Performance testing of Online monitoring system for liquid Effluent parameters (COD,BOD,TOC, TSS & pH) with individual 40-20mA output signal.	1	Number
2	Data connectivity including hardware parts, software programs, user fee for KSPCB clouds etc.	1	Number

16.0

DETAILS TO BE FURNISHED ALONG WITH THE OFFER

S.No.	Description	GST in %	HSN Code
1	Supply installation, commissioning, Performance testing of Online monitoring system for liquid Effluent parameters (COD,BOD,TOC, TSS & pH) with individual 40-20mA output signal.		
2	Data connectivity including hardware parts, software programs, user fee for KSPCB clouds etc.		

आईआरईएल (इंडिया) लिमिटेड IREL (India) Limited

रेअरअर्थ्सप्रभाग Rare Earths Division

TECHNICAL DEVIATION STATEMENT FORM

TENDER NO:

Name of Work:

The bidder has to quote as per technical specification and requirement of the bid. No deviation is expected. However in case of any deviation, the same has to be recorded clearly in the technical deviation statement form.

The following are the particulars of deviations from the requirements of the Tender specifications.

CLAUSE	DEVIATION (Including Justification)	REMARKS

Signature & Seal of the Tenderer

Dated:

Note:

- where there is no deviation, the statement should be returned duly signed with an endorsement indicating 'No deviations'. If not endorsed, it will be considered as 'No deviation'.
- The technical specifications furnished in the Tender document shall prevail over those of any other document forming a part of our Tender, except only to the extent of deviations furnished in the statement.

"ETHICS IN TENDERING & OTHER BUSINESS DEALINGS"

Dear Sir,

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.

In our endeavour 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 favour 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.

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

Chairman & Managing Director IREL (India) Limited 1207, V.S. Marg, Prabhadevi Mumbai 400 028. Ph: 022-24225778 E-mail: cmd@irel.co.in	Chief Vigilance Officer IREL (India) Limited 1207, V.S. Marg, Prabhadevi Mumbai 400 028. Ph: 022-24221068 E-mail: cvo@irel.co.in
--	---

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 accept your commitment to the undertaking and its violation will have consequences as per prevailing rule of the Company.

Thanking you,

For IREL (India) Limited

Name -----

Designation -----

Date:

UNDERTAKING TO BE SUBMITTED BY BIDDERS FOR ADOPTING ETHICAL PRACTICES

Date:

IREL (India) Limited
1207, V.S. Marg, Prabhadevi
Mumbai 400 028.

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

I / We agree and undertake:

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.

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

Signature.....

Name.....

Title.....

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

IREL Bank Details

Name of Bank	State Bank of India, Udyogamandal Branch, Udyogamandal
Account Type	Current Account
Name of Account holder	IREL(India) Limited
Account Number	57017844321
IFSC Code	SBIN0070158
MICR Code	682002926

Details of payment to be uploaded as attachment during tender submission and the same shall be e-mailed to: purchase-red@irel.co.in

Bidders (Pl. Provide the details):

1. Name of the Bank :

2. Account Type :

3. Account Number :

4. IFSC Code :

VENDOR UP-DATION DETAILS			
SI #	Organisation Details		
1	Name		
2	Address Type (Sales office address / Office Address / warehouse Address / Factory Address)		
	Building /House Number		
	Area/Street Name		
	City		
	State		
	Pin Code		
	Contact Details	Ph No:	
		Mobile No.	
		Email:	
3	Vendor Type (Domestic / Import)		
4	Ownership Information (Private Limited Company/ One Person Company/ Limited Liability Partnership/ Partnership Firm / Proprietorship/ Co-Operative Society/ Trust/ Others).		
5	Nature Of Business (Manufacturer/ Dealer/ Trader/ Distributor/ Stockiest/ Channel Partner/ Indian Sales Office/ Subsidiary of Registered foreign supplier/ Indian Agents/ Service Provider)		
6	Whether Approved By Any Central Government/State Government/ Public Sector Undertakings /Reputed Private Organisations for similar items, for which registration is sought.		
7	PAN No.	Copy of the same may be attached.	
8	GSTIN ID		
9	Audited copies of P&L for the last three FY		
10	Valid MSE Udyam registration certificate, if any.	Yes	No
11	MSE ownership details.		
12	ISO Certification if any		
13	Registered in GEM Portal	Yes	No
14	MSE to confirm if they are registered from TReDs platform	Yes	No
15	Whether supplier/Service Provider is a Start- Up Enterprise. If yes provide the details.		
16	Whether the Company is under Litigation/Arbitration cases during last 5 years?	Yes	No

17	Whether company has been delisted/debarred from business with any PSU in India, and the reasons thereof?		
18	Bank Details		
	Name of bank:		
	Name of Bank Branch:		
	City/Place:		
	Account Number:		
	Account Type:		
	IFSC Code:		
	MICR Code:		
	Swift Code		
	Self-attested or Bank attested Bank details on Company letterhead or cancelled cheque		
	Current year Solvency Certificate		

GENERAL CONDITIONS OF CONTRACT (GCOC)

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Acceptance of GENERAL CONDITIONS OF CONTRACT (GCOC) Clause.no. 1 to 34

Signature & Seal of the Tenderer

Dated:

Definitions In this document, General Conditions of Contract (GCC-Goods), the following terms shall have the following respective meanings:

2.0 **SELLER TO INFORM:**
The Seller shall be deemed to have carefully examined all contract documents to his entire satisfaction. Any lack of information shall not in any way relieve the Seller of his responsibility to fulfil his obligation under the Contract.

3.0 **CONFLICT AND INTERPRETATION OF DOCUMENTS:**

3.1 Words imparting the singular only also include the plural and vice versa where the context requires so; 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 requires so.

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 occur among the contract documents, it shall be the responsibility of the successful bidder to notify IREL, with a copy sent concurrently to the OIC/EIC, immediately in writing and obtain instructions from IREL to eliminate the conflict.

3.5 The successful bidder shall notify IREL, 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 purchase order shall prevail over those of all such other documents forming the contract and binding on the contractor and IREL.

3.7 In case of any conflict between the General Conditions of contract and the Special Conditions of the contract, the Special Conditions of contract shall prevail.

4.0 **Country of Origin:** For purposes of this Clause “Origin” means the place where the Goods were produced, or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembling of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.

SCOPE OF CONTRACT:

5.1 Scope of the CONTRACT shall be as defined in the PURCHASE ORDER/CONTRACT specifications, drawings and Annexure thereto.

5.2 Completeness of the EQUIPMENT shall be the responsibility of the SELLER. Any equipment, fittings and accessories which may not be specifically mentioned in the specifications or drawings, but which are usual or necessary for the satisfactory functioning of the equipment (successful operation and functioning of the EQUIPMENT being SELLER's responsibility) shall be provided by SELLER without any extra cost.

5.3 The SELLER shall follow the best modern practices in the manufacture of high grade EQUIPMENT notwithstanding any omission in the specifications. The true intent and meaning of these documents is that SELLER shall in all respects, design, engineer, manufacture and supply the equipment in a thorough workmanlike manner and supply the same in prescribed time to the entire satisfaction of PURCHASER.

5.4 The SELLER shall furnish minimum three (03) copies in English language of Technical documents, final drawings, preservation instructions, operation and maintenance manuals, test certificates, spare parts catalogues for all equipment to the PURCHASER.

5.5 The documents once submitted by the SELLER shall be firm and final and not subject to subsequent changes. The SELLER shall be responsible for any loss to the PURCHASER/CONSULTANT consequent to furnishing of incorrect data/drawings.

5.6 All dimensions and weight should be in metric system.

5.7 All equipment to be supplied and work to be carried out under the CONTRACT shall conform to and comply with the provisions of relevant regulations/Acts (State Government or Central Government) as may be applicable to the type of equipment/work carried out and necessary certificates shall be furnished.

5.8 The Seller shall provide cross sectional drawings, wherever applicable, to identify the spare part numbers and their location. The size of bearings, their make and number shall be furnished by the SELLER.

5.9 Specifications, drawings and drawings issued to the SELLER along with NIT/RFQ and CONTRACT are not sold or given but loaned. These remain property of PURCHASER/CONSULTANT or its assigns and are subject to recall by PURCHASER/CONSULTANT. The SELLER and his employees shall not make use of the drawings, specifications and technical information for any purpose at any time except for manufacture against the CONTRACT and shall not disclose the same to any person, firm or corporate body, without written permission of PURCHASER/CONSULTANT. All such details shall be kept confidential.

6.0 STANDARDS

7.0 Instructions, Direction & Correspondence

a. All instructions and orders to SELLER shall, excepting what is herein provided, be given by PURCHASER/CONSULTANT

c. All communications including technical/commercial clarifications and/or comments shall be addressed to CONSULTANT in quintuplicate with a copy to PURCHASER and shall always bear reference to the CONTRACT.

e. Invoice must contain seller's GST Registration number, PAN, Bank detail of supplier, GST Registration number of IREL Factory/ Office, HSN Code for products being supplied. Supplier must submit e-way bill, e-invoice from GSTM Portal.

Supplier:

7.2.1 If after award of the contract, the Seller does not acknowledge the receipt of award or fails to furnish the performance guarantee within the prescribed time limit, the PURCHASER reserves the right to cancel the contract and apply all remedies available to him under the terms and conditions of this contract.

Once a contract is confirmed and signed, the terms and conditions contained therein shall take precedence over the Seller's bid and all previous correspondence.

8.1 All modifications leading to

8.1 All modifications leading to changes in the CONTRACT with respect to technical and/or commercial aspects including terms of delivery, shall be considered valid only when accepted in writing by PURCHASER/CONSULTANT by issuing amendment to the CONTRACT. Issuance of acceptance or otherwise in such cases shall not be any ground for extension of agreed delivery date and also shall not affect the performance of contract in any manner except to the extent mutually agreed through a modification of contract.

8.2 PURCHASER/CONSULTANT shall not be bound by any printed conditions or provisions in the SELLER's Bid Forms or acknowledgment of CONTRACT, invoices, packing list and other documents which purport to impose any conditions at variance with or be supplemental to CONTRACT.

9.1 SELLER hereby warrants that the use or sale of the ma

SELLER hereby warrants that the use or sale of the materials delivered hereunder will not infringe claims of any patent covering such material and SELLER agrees to be responsible for and to defend at his sole expense all suits and proceedings against PURCHASER based on any such alleged patent infringement and to pay all costs, expenses and damages which PURCHASER and/or CONSULTANT may have to pay or incur by reason of any such suit or proceedings.

9.2 The SELLER shall indemnify the PURCHASER against all third party claims of infringement of patent, trade mark or industrial design rights arising from use of the GOODS or any part thereof in the PURCHASER's country.

9.3 SELLER shall also protect and fully indemnify the PURCHASER from any claims from SELLER'S workmen/employees or their heirs, dependants, representatives, etc. or from any other person/persons or bodies/companies etc. for any acts of commissions or omission while executing the CONTRACT.

9.4 SELLER shall be responsible for compliance with all requirements under the laws and shall protect and indemnify completely the PURCHASER from any claims/ penalties arising out of any infringements.

PURCHASER will promptly notify the SELLER in writing of any such claim, suit, action or proceeding coming to its attention, giving authority and an available indemnification and assistance for the SELLER's 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 SELLER shall promptly at his own expense, either procure for PURCHASER 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 PURCHASER'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 SELLER's factory or other point of origin to the site of PURCHASER, as a result of any claim of patent infringement the SELLER 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. PURCHASER will have the right to retain counsel of its own choice to collaborate in the defence of any such claim, suit action or proceeding.

10.1 The PURCHASER or its represent

CONTRACT and/or the Technical Specifications shall specify what inspections and tests the PURCHASER requires and where they are to be conducted. The PURCHASER shall notify the SELLER in writing the identity of any representative(s) retained for these purposes.

10.2 The inspections and tests may be conducted on the premises of the SELLER or his sub-contractor(s) at point of DELIVERY and/or at the GOODS final destination, which conducted on the premises of the SELLER or his sub-contractor (s), all reasonable facilities and assistance including access to the drawings and production data shall be furnished to the inspectors at no charge to the PURCHASER.

10.3 Should any inspected or tested GOODS fail to conform to the Specifications, the PURCHASER may reject them and the SELLER shall either replace the rejected GOODS or make all alterations necessary to meet Specifications' requirements, free of cost to the PURCHASER.

10.4 The PURCHASER's right to inspect, test and where necessary reject the GOODS after the GOODS arrival in the PURCHASER's country shall in no way be limited or waived by reason of the GOODS having previously been inspected, tested and passed by the PURCHASER, or their representative prior to the GOODS shipment from the country of origin.

The INSPECTOR shall follow the progress of the manufacture of the GOODS under the CONTRACT to ensure that the requirements outlined in the CONTRACT are not being deviated with respect to schedule and quality.

10.7 In order to enable PURCHASER's representatives to carry out the inspection in time, SELLER shall notify PURCHASER 15 days before assembly, testing and packing.

EQUIPMENT. If requested, SELLER shall assist PURCHASER's representatives in getting visas in the shortest possible time (applicable only in case of foreign order).

INSPECTOR is entitled to prohibit the use and dispatch of GOODS and/or materials which have failed to comply with the characteristics required for the GOODS during tests and inspections.

10.10 ALL TESTS and trials in general, including those to be carried out for materials not manufactured by SELLER shall be witnessed by the INSPECTOR. Therefore,

PURCHASER by fax or e-mail about the exact date of inspection with at least 30 days notice. SELLER shall specify the GOODS and quantities ready for testing and indicate whether a preliminary or final test is to be carried out.

10.12 Any and all expenses incurred in connection with tests, preparation of reports and analysis made by qualified laboratories,

INSPECTOR, copy of such standards.

10.14 Arrangements for all inspections required by Indian Statutory Authorities and as specified in technical specifications shall

10.15 Inspection & Rejection of Materials by consignees:

When materials are rejected by the consignee, the sum

such materials are lying at the risk and cost of the supplier. The supplier will be called upon either to remove the materials or to give instructions as to their disposal within 14 days and in the case of dangerous, infected and perishable materials within 48 hours, failing which the consignee will either return the materials to the SELLER freight to pay or otherwise dispose them off at the SELLER's risk and cost. The PURCHASER shall also be entitled to recover handling and storage charges for the period, during which the rejected materials are not removed @ 5% of the value of materials for each month or part of a month till the rejected materials are finally disposed off.

11.0	<u>Time Schedule & Progress Reporting</u>
11.1	Together with the Contract confirm

11.1 Together with the Contract Confirmation, SELLER shall submit to PURCHASER, his time schedule regarding the documentation, manufacture, testing, supply, erection and commissioning of the GOODS.

11.2 PURCHASER'S/CONSULTANT'S representatives shall have the right to inspect SELLER'S premises with a view to evaluating the actual progress of work on the basis of SELLER'S time schedule documentation.

11.3 In spite of such inspection, SELLER shall advise PURCHASER at the earliest possible date of any anticipated delay in the progress.

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representatives of PURCHASER, for taking the action required to correct the deficiency. Should the SELLER fail to attend meeting at Site within the time specified above, PURCHASER shall immediately rectify the work/ materials and SELLER shall reimburse PURCHASER all costs and expenses incurred in connection with such trouble or defect.

PERFORMANCE GUARANTEE OF EQUIPMENT

SELLER shall guarantee that the performance of the EQUIPMENT supplied under the CONTRACT shall be strictly in conformity with the specifications and shall perform the functions specified under the CONTRACT.

If the SELLER fails to prove the guaranteed performance of the EQUIPMENT set forth in the specification, the SELLER shall investigate the causes and carry out necessary rectifications/modifications to achieve the guaranteed performance. In case the SELLER fails to do so within a reasonable period, the SELLER shall replace the EQUIPMENT and prove guaranteed performance of the new equipment without any extra cost to PURCHASER.

If the SELLER fails to prove the guarantee within a reasonable period, PURCHASER/CONSULTANT shall have the option to take over the EQUIPMENT and rectify, if possible, the EQUIPMENT to fulfil the guarantees and/or to make necessary additions to make up the deficiency at Seller's risk and cost. All expenditure incurred by the PURCHASER/CONSULTANT in this regard shall be to SELLER's account.

Prices:

Prices charged by the SELLER for Goods delivered and services performed under the CONTRACT shall not, with the exception of any price adjustments authorized by the Contract vary from the prices quoted by the SELLER in his bid. The price indicated in the Purchase Order is firm and not subject to alteration on any account unless specified otherwise in the terms and conditions of Purchase Order. However, in case of delayed delivery, price reduction clause shall apply.

Subletting and Assignment:

The SELLER shall not without previous consent in writing of the PURCHASER, sublet, transfer or assign the contract or any part thereof or interest therein or benefit or advantage thereof in any manner whatsoever. Provided, nevertheless, that any such consent shall not relieve the SELLER from any obligation, duty or responsibility under the contract.

Time as Essence of Contract:

The time and date of delivery/completion of the GOODS/SERVICES as stipulated in the Contract shall be deemed to be the essence of the Contract.

Delays in The Seller's Performance:

If the specified delivery schedule is not adhered to or the progress of manufacture or supply of the items is not satisfactory or is not in accordance with the progress schedule, the PURCHASER has the right to:

- i) hire for period of delay from elsewhere goods which in PURCHASER's opinion will meet the same purpose as the goods which are delayed and SELLER shall be liable without limitation for the hire charges;
- Or
- ii) ii) cancel the CONTRACT in whole or in part without liability for cancellation charges. In that event, PURCHASER may procure from elsewhere goods which PURCHASER's opinion would meet the same purpose as the goods for which CONTRACT is cancelled and SELLER shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the CONTRACT for the goods involved; or
iii) hire the substitute goods vide (i) above and if the ordered goods continue to remain undelivered thereafter, cancel the order in part or in full vide (ii) above.

Any un-excusable delay by the SELLER or his subcontractor shall render the SELLER liable, without prejudice to any other terms of the Contract, to any or all of the following sanctions: forfeiture of Contract performance guarantee, imposition of Liquidated Damages for delay in delivery, termination of the contract for default and purchase from another source at the risk and cost of the SELLER.

Liquidated Damages Schedule for Delayed Delivery Subject to Article -25, if the SELLER fails to deliver any or all of the GOODS or performance the services within the time period (s) specified in the CONTRACT, the PURCHASER shall, without prejudice to his other remedies under the CONTRACT, deduct from the CONTRACT PRICE, a sum calculated on the basis of the CONTRACT PRICE, including subsequent modifications.

Deductions shall apply as per following formula:

A sum equivalent to 0.5 (Half) per cent of the prices of any portion of stores delivered late, for each week or part thereof of delay. The total damages shall not exceed 10 (Ten) percent of the value of delayed goods. The LD cannot exceed the amount stipulated in the contract.

In case of delay in delivery on the part of SELLER, the invoice/document value shall be reduced proportionately for the delay and payment shall be released accordingly.

In the event the invoice value is not reduced proportionately for the delay, the PURCHASER may deduct the amount so payable by SELLER, from any amount falling due to the SELLER or by recovery against the Performance Guarantee. Both seller and PURCHASER agree that the above percentages of price reduction are genuine pre estimates of the loss/damage which the PURCHASER would have suffered on account of delay/breach on the part of the SELLER and the said amount will be payable on demand without there being any proof of the actual loss/or damage caused by such breach/delay. A decision of the PURCHASER in the matter of applicability of price reduction shall be final and binding.

Rejections, Removal of Rejected Equipment & Replacement

Preliminary inspection at SELLER's works by INSPECTOR shall not prejudice PURCHASER's/ CONSULTANT's claim for rejection of the EQUIPMENT on final inspection at SITE or claims under warranty provisions.

If the EQUIPMENTS are not of specification or fail to perform specified functions or are otherwise not satisfactory the PURCHASER/CONSULTANT shall be entitled to reject the EQUIPMENT/MATERIAL or part thereof and ask free replacement within reasonable time failing which obtain his requirements from elsewhere at SELLER's cost and risk.

Nothing in this clause shall be deemed to deprive the PURCHASER AND/OR AFFECT ANY rights under the Contract which it may otherwise have in respect of such defects or deficiencies or in any way relieve the SELLER of his obligations under the Contract.

EQUIPMENT rejected by the PURCHASER/ CONSULTANT shall be removed by the Seller at his cost within 14 days of notice after repaying the amounts received against the SUPPLY. The PURCHASER shall in no way be responsible for any deterioration or damage to the EQUIPMENT under any circumstances whatsoever.

In case of rejection of EQUIPMENT, PURCHASER shall have the right to recover the amounts, if any, from any of CONTRACTOR'S invoices pending with PURCHASER or by alternative method(s).

Termination for Default

In the event that the SELLER commits a breach of the provisions of this CONTRACT and/or fails to perform any of its obligations under this CONTRACT including but not limited to failing to deliver any or all of the GOODS within the time period (s) specified in the CONTRACT, the SELLER shall be said to have committed a default of the provisions of this CONTRACT. In the event that such default is not cured by the SELLER within 30 days of a notice issued by the PURCHASER of such default, the PURCHASER shall be entitled to terminate this CONTRACT forthwith. The PURCHASER may, at its sole discretion, extend the time for curing the default by the SELLER beyond 30 days. The PURCHASER may, without prejudice to any other remedy for breach of CONTRACT, by written notice of default sent to the SELLER, terminate the CONTRACT in whole or in part:

- A) If the SELLER fails to deliver any or all of the GOODS within the time period(s) specified in the CONTRACT; or
- B) If the SELLER fails to perform any other obligation(s) under the CONTRACT, and
- C) If the SELLER, in either of the above circumstances, does not cure his failure within a period of 30 days (or such longer period as the PURCHASER may authorize in writing) after receipt of the default notice from the PURCHASER

In the event the PURCHASER terminates the CONTRACT in whole or in part, pursuant to Article 24.1.1 the PURCHASER may procure, upon such terms and in such manner as it deems appropriate, goods similar to those undelivered and the SELLER shall be liable to the PURCHASER for any excess costs for such similar GOODS. However, the SELLER shall continue performance of the CONTRACT to the extent not terminated.

In case of termination of CONTRACT herein set forth (under clause 24) except under conditions of Force Majeure and termination after expiry of contract, the VENDOR shall be blacklisted/ Debarred as per prevailing guidelines.

Termination for Insolvency

The PURCHASER, may at any time, terminate the CONTRACT by giving written notice to the SELLER, without compensation to the SELLER, if the SELLER becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the PURCHASER.

Force Majeure

Force majeure is an event beyond the control of SELLER and not involving the SELLER's fault or negligence and which is not foreseeable, which prevents the SELLER from fulfilling its obligations under the CONTRACT. Force Majeure shall mean and be limited to the following:

- a) War/hostilities
 - b) Riot or Civil commotion
 - c) Earthquake, flood, tempest, lightening or other natural physical disaster.
 - d) Restrictions imposed by the Government or other Statutory bodies which prevent or delay the execution of the Contract by the SELLER.
- The decision as to whether an event constitutes force majeure shall rest with PURCHASER which shall be final and binding.

- 31.4 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 in writing.
- 31.5 An order of ban on grounds of conviction by Court of Law may be revoked if, in respect of the same facts, the SELLER has been wholly acquitted by a court of law.
- 32.0 **Secrecy**
The SELLER shall not at any time during the pendency of the contract or thereafter disclose any information furnished to them by PURCHASER or any drawings, designs, reports and other documents and information prepared by the Contractor for this contract, without the prior written approval of PURCHASER except in so far as such disclosure is necessary for the performance of the Contractor's work and service hereunder.
33. **General**
33.1 In the event that terms and conditions stipulated in the General Conditions of Contract should deviate from terms and conditions stipulated in the Contract, the latter shall prevail. Any specific Terms / Conditions mentioned in PO will supersede this GCC.
33.2 Losses due to non-compliance of Instructions: Losses or damages occurring to the PURCHASER owing to the SELLER's failure to adhere to any of the instructions given by the PURCHASER/CONSULTANT in connection with the contract execution shall be recoverable from the SELLER.
33.3 Recovery of sums due: All costs, damages or expenses which the PURCHASER/CONSULTANT may have paid, for which under the contract, SELLER is liable, may be recovered by the PURCHASER (he is hereby irrevocably authorized to do so) from any money due to or becoming due to the SELLER under this Contract or other Contracts and/or may be recovered by action at law or otherwise. If the same due to the SELLER be not sufficient to recover the recoverable amount, the SELLER shall pay to the PURCHASER, on demand, the balance amount.
33.4 Payments, etc. not to affect rights of the PURCHASER: No sum paid on account by the PURCHASER nor any extension of the date for completion granted by the PURCHASER shall affect or prejudice the rights of the PURCHASER against the SELLER or relieve the SELLER of his obligation for the due fulfillment of the CONTRACT.
33.5 Cut-off Dates : No claims or correspondence on this Contract shall be entertained by the PURCHASER/ Consultant after 90 days after expiry of the performance guarantee (from the date of final extension, if any).
33.6 Paragraph heading: The paragraph heading in these conditions shall not affect the construction thereof
- 34.0 **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.

PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

In accordance with Notice Inviting Tender (NIT) No._____ Dated _____ for the work of _____ (herein after referred to as “the said Works”) for Rs._____ (Rupees_____ only), under RED unit of M/s IREL (India) Limited, a company incorporated under Indian Companies Act, having its registered office at Plot No.1207, ECIL building, Opp. to Siddhivinayak Temple, Veer Savarkar Marg, Prabhadevi, Mumbai - 400028, India (herein after referred to as IREL), M/s _____ Address _____ [Herein after referred to as Contractor (s)] wish /wishes to participate in the said tender and a Bank Guarantee for the sum of Rs._____ (in words) valid for a period of _____ days (in words) is required to be submitted by the Bidder towards the Bid Security.

We the _____ Bank (hereinafter called the said Bank) do hereby undertake to pay to IREL, the sum of Rs. _____ (Rupees _____ only) by reason of the said tenderer's failure to enter into an agreement of contract on intimation of acceptance of his tender and/or to commence the contract works and/or failure to deposit the security deposit within the stipulated period as per the terms and conditions relating to and/or governing the contract and/or specified in the Notice Inviting Tender (NIT). We also agree that any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. We also agree that notwithstanding any dispute or difference or any litigation in respect of or arising from the said contract and/or the acceptance of the tender of the tenderer afore stated by IREL including the question as to the tenability of the claim of the IREL for forfeiting the Earnest Money being the Bank Guarantee herein, we shall forthwith pay the said amount to IREL on demand being made as aforesaid.

We _____ Bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for entering into an Agreement of contract and that it shall continue to be enforceable till all the dues of the IREL under the terms and conditions of the NIT for the work have been fully paid and its claims satisfied or discharged or till IREL certifies, that the terms and conditions of the NIT have been fully and properly carried out by the said tenderer and accordingly discharges the guarantee.

We _____ Bank further agree with the IREL that the IREL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the NIT and/or terms and conditions governing the contract or to extend the time of validity of the offer from the said tenderer from time to time or to postpone for any time or from time to any of the powers exercisable by the IREL against the said tenderer and to forbear or enforce any of the terms and conditions of the NIT and we shall not be relieved from our liability hereunder by reason of any such variation, or extension being granted to the said tenderer or for any forbearance, act or omission on the part of the IREL or any indulgence by the IREL to the said tenderer or by any such matter or thing whatsoever which under the law relating to surety/guarantee would but for this provision have effect of so relieving us.

We _____ Bank do hereby further agree that any change in the Constitution of the said tenderer or the Bank will not affect the validity of this guarantee.

We _____ Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the IREL in writing.

Notwithstanding anything to the contrary contained herein before :

- (i) Our Liability under this Bank Guarantee shall not exceed and restricted to Rs..... (in words)
- (ii) (ii) This Bank Guarantee shall be valid upto, unless extended on demand.
- (iii) (iii) The bank is liable to pay the guaranteed amount or any part thereof under this bank Guarantee only if IREL serve a written claim or demand on or before (Three months from the expiry of Guarantee period)

Dated the _____ day of _____ 20—

_____Bank

(Signature with name in Block letters with designation,

Attorney as per power of Attorney No.____dt. ____)

Bank's Common seal

MANDATE FORM**ELECTRONIC CLEARING SERVICE (DIRECT CLEARING)/REAL TIME GROSS SETTLEMENT (RTGS)
FACILITY FOR RECEIVING PAYMENT****A DETAILS OF ACCOUNT HOLDER:-**

NAME OF ACCOUNT HOLDER	
COMPLETE CONTACT ADDRESS	
TELEPHONE NUMBER/FAX/E-MAIL	

BANK ACCOUNT DETAILS:-

BANK NAME	
BRANCH NAME WITH COMPLETE ADDRESS, TELEPHONE NUMBER AND E-MAIL	
WHETHER THE BRANCH IS COMPUTRISED	
WHETHER THE BRANCH IS RTGS ENABLED? THEN WHAT IS THE BRANCH IFSC CODE	
TYPE OF BRANCH ALSO NEFT ENABLED?	
TYPE OF BANK ACCOUNT (SB/CURRENT/CASH CREDIT)	
COMPLETE BANK ACCOUNT NUMBER(LATEST)	
MICR CODE OF BANK	

DATE OF EFFECT-

I hereby declare that the particulars given above are correct and complete if the transaction is delayed or not effected at all for reasons of incomplete or incorrect information. I would not hold the user institution responsible. I have read the option invitation letter and agree to discharge responsibility expected of me as a participant under the scheme.

(Signature of Customer)**Certified that the particular furnished above are correct as per correct as per our records****(Bank's Stamp)****Date****(Signature of Bank Officer)**