



INVITATION FOR BIDS (IFB)

FOR

SUPPLY OF LIQUID METERING SYSTEM (ULTRASONIC) FOR NRL EXPANSION PROJECT OF NUMALIGARH REFINERY LIMITED

BIDDING DOCUMENT NO.: SM/B302-000-YF-MR-2142/37

E-TENDER NO: 2023_EIL_761200_1

(DOMESTIC COMPETITIVE BIDDING)

[e-Tendering]



1. INTRODUCTION:

Numaligarh Refinery Limited (NRL), is a Government of India Enterprise. NRL operates a 3.0 MMTPA Refinery at Numaligarh in the District of Golaghat, Assam since the year 2000.

NRL is now in the process of executing a major expansion project of capacity augmentation from the present 3.0 MMTPA to 9.0 MMTPA. The required additional quantity of crude oil is planned to be imported through Paradip Port in Odisha. A cross country pipeline of around 1630 km length shall be laid from Paradip Port to Numaligarh for transporting 8.0 MMTPA of imported crude. Additionally, one crude oil pipeline of approximately 4.2 km length shall be laid for transporting 6.0 MMTPA of imported crude from IOCL Refinery at Paradip to NRL's Crude Oil Import Terminal (COIT) at Paradip.

Engineers India Ltd (EIL) is the EPCM Consultant of NRL for the above Project and EIL on behalf of NRL is authorized to enter into correspondence / discussions & obtain any clarification and confirmations for subject supply of Liquid Metering System (Ultrasonic) from eligible bidders with sound technical and commercial capabilities meeting the Bidder's Qualification Criteria specified in Cl. 5.0 below.

2. BRIEF SCOPE:

Bidder's scope of supply & work shall comprise of design, engineering, manufacturing, integration, supply, testing, inspection, wet flow calibration, factory acceptance testing of the system, packaging, shipping, documentation, commissioning assistance, site acceptance testing, site support during warranty and post warranty maintenance of following Liquid Metering System-Ultrasonic Flow Meter:

1. 4P21-FMS-001& 002 (Consisting of 2 Nos. 12" 150# Ultrasonic Flow Meters, 2 No of Flow Computers and common Metering control panel for Paradip Dispatch Terminal)
2. 4P36-FMS-001& 002 (Consisting of 2 Nos. 12" 600# Ultrasonic Flow Meters, 2 No of Flow Computers and common Metering control panel for Intermediate Pigging cum Pumping Station- 1)
3. 4P37-FMS-001& 002 (Consisting of 2 Nos. 12" 600# Ultrasonic Flow Meters, 2 No of Flow Computers and common Metering control panel for Intermediate Pigging cum Pumping Station- 2)
4. 4P38-FMS-001& 002 (Consisting of 2 Nos. 12" 600# Ultrasonic Flow Meters, 2 No of Flow Computers and common Metering control panel for Intermediate Pigging cum Pumping Station -3)
5. 4P46-FMS-001& 002 (Consisting of 2 Nos. 12" 150# Ultrasonic Flow Meters, 2 No of Flow Computers and common Metering control panel for NRL Receipt Terminal)

All the liquid metering system shall be evaluated and ordered together as one group.

For complete details, refer bid document.

3. TIME SCHEDULE FOR DELIVERY / COMPLETION:

10 Months on FOT Site basis on freight prepaid & door delivery basis from the date of Letter of Acceptance. Date of receipt of all materials at site shall be considered as date of delivery.

4. SALIENT DETAILS:

a)	Bidding Document & subsequent Amendment (if any) available on Website for viewing & downloading, and its fee	:	The complete Bidding Document can be viewed and downloaded from CPP Portal having URL https://eprocure.gov.in/eprocure/app Tender details are also available in EIL website http://tenders.eil.co.in Cost of Bidding Document: NIL
b)	Bidding Document available on Website	:	From 11.07.2023 to 08.08.2023
c)	Last date of Receipt of Bidder's Queries	:	On 17.07.2023
d)	Date of Pre-Bid Meeting	:	at 1100 Hrs. (IST) on 17.07 2023 (*) online through video conferencing (VC). PREBID MEETING FOR LIQUID METERING SYSTEM Monday, July 17 · 11:00am – 5:30pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/iba-noox-vvd
e)	Last Date and time of Online submission of Bids (Bid Due Date) and Mode of Bid Submission	:	Up to 1200 Hrs. (IST) on 08.08.2023 Online submission (e-Bids) through CPP Portal Bid submitted through any other mode shall not be acceptable.
f)	Online Opening of Techno-commercial Unpriced Bid	:	1400 Hrs. (IST) on 09.08.2023 (*)
g)	Bid Validity	:	Bid shall be valid for 04 Months from the Bid Due Date (#) . (#) - Final BDD after extensions, if any.
h)	Earnest Money Deposit / Bid Security	:	Not applicable
i)	Date of Opening of Priced Bids	:	Date & time shall be intimated later
j)	Contact details of dealing officer	:	Name: Ms. Sunita Mitra Designation: Sr. GM (SCM) Phone No. & Extn: +91-11-2676-8171 / 3169 / 3504 E-mail : shyamal.biswas@eil.co.in ; manoj.kumar.pur@eil.co.in ; s.mitra@eil.co.in

k)	Communication address for submission of documents, in hard copy	:	Engineers India Ltd, EI Bhawan, 1, Bhikaji Cama Place, New Delhi – 110066 Ms Sunita Mitra – Sr.GM (SCM) (Job no. B302)
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If dates identified as (*) above happen to be a declared holiday in EIL New Delhi, the next working day shall be considered.

All amendments, time extension, clarifications, etc. will be uploaded in the above mentioned website [refer 4(a)] only, and will not be published in Newspapers. Bidders should regularly visit the above website to keep them updated and submit their Bids based on the latest information/instructions hosted in the above e-Procurement Portal.

Request for extension or queries received from any bidder on a date which is less than four working days prior to the bid due date may be ignored, since there will not be adequate time for proper communication with Client and other Bidders.

5. BIDDER QUALIFICATION CRITERIA (BQC):

All the items of MR shall be evaluated and ordered together as one group (Group-A). Bidder shall meet the criteria as specified below:

5.1. TECHNICAL QUALIFICATION CRITERIA

- 5.1.1 The bidder shall be manufacturer of Liquid metering system - Ultrasonic flow meter based and shall have executed design, manufacturing, testing and supply of at least one (1) Liquid metering system of flow meter size 12" or higher and class rating 150# or higher comprising of liquid Ultrasonic flow meter along with either supply of flow computer or integration with existing flow computer for liquid hydrocarbon service in Hydrocarbon industry (like Refinery, Petrochemicals, Hydrocarbon pipelines, Onshore Gas Processing, Offshore, Fertilizer) in the last Ten (10) years and the same must be in operation a period of minimum twelve (12) months after commissioning.
- 5.1.2 Bidders who are Metering system integrators can also quote, with support from Liquid metering system – Ultrasonic flow meter based manufacturer(s) provided:
- (i) The manufacturer(s) proposed by the bidder shall meet the qualification requirements stipulated under clause 5.1.1 above by himself or along with any System integrator.
 - (ii) The bidder shall furnish an authority certificate from the manufacturer confirming the following:
 - a. The bidder is a system integrator of the manufacturer and is authorized to quote on manufacturer's (OEM) behalf.
 - b. The Ultrasonic Flow Meters shall be manufactured and tested at manufacturer's works.
 - c. The manufacturer assumes complete responsibility for their involvement with the bidder in all phases of work including engineering, integration, testing, site support and warranty of the system.
 - d. Metering System offered by the bidder shall have performance back-up guarantee by the manufacturer (OEM).

- e. A responsibility matrix shall be submitted by bidder, duly signed by manufacturer (OEM) clearly identifying the scope of supply/ assembly/ services between the Bidder and the Manufacturer.

For the activities proposed to be executed by the bidder, bidder shall also furnish reference job where same activities were performed by bidder for at least one Liquid metering system (Turbine/Mass/Ultrasonic flow meter based) in Hydrocarbon industry (like Refinery, Petrochemicals, Hydrocarbon pipelines, Onshore Gas Processing, Offshore, Fertilizer) in the last ten (10) years and the same must be in operation a period of minimum Twelve (12) months after commissioning.

- (iii) Liquid metering system - Ultrasonic flow meter based manufacturer shall furnish a capability assessment certificate for the responsibilities proposed to be executed by the System Integrator.

- 5.1.3 In both cases from the above, i.e. whether the bidder is manufacturer as per cl. 5.1.1 above or the bidder is bidding as system integrator with support from Liquid metering system-Ultrasonic flow meter based manufacturer as per cl. no. 5.1.2 above, the following shall apply:

The model/ series of the offered Ultrasonic flow meters and flow computers supplied must be in operation a period of minimum Twelve (12) months after commissioning in Hydrocarbon industry (like Refinery, Petrochemicals, Hydrocarbon pipelines, Onshore Gas Processing, Offshore, Fertilizer).

- 5.1.4 The above clauses shall be read in conjunction.

Note-1: The Ten (10) years and Twelve (12) months mentioned in clauses 5.1.1, 5.1.2 & 5.1.3 above shall be reckoned from the date ending on the last day of the month immediately preceding the month in which the last date of bid submission falls (in case of extended bid submission date, original bid submission date shall be considered).

5.2. FINANCIAL QUALIFICATION CRITERIA

5.2.1. Annual Turnover:

The average Annual Turnover (ATO) of the Bidder during the immediate preceding three financial years from the date ending on the last day of the month immediately preceding the month in which the last date of bid submission falls, should be minimum value as per following table:

Item (s)	Average Annual Turnover
Group A	INR 242.40 Lakhs

- 5.2.2. **Net-worth:** The net-worth of the Bidder as per the immediate preceding year's audited annual financial results shall be positive.

Further, negative Net worth shall not be rejection criteria for CPSEs. Contract award shall be purely on competitive basis and CPSEs having negative Net worth shall furnish an undertaking in their Bid that performance shall not be compromised.

5.2.3. CALCULATION OF TURNOVER AND NET WORTH

- a) **Turnover (for the Financial Statement** pertaining to post GST regime): Turnover shall be calculated excluding GST and other Incomes.

[Note: If the financial Statements is prior to implementation of GST, and the Excise Duty is shown extra in the Financial Statement, the Turnover shall be inclusive of Excise Duty but excluding other income]

- b) **Net worth calculation:** Net worth means **paid up share capital, Share Application Money pending allotment* and reserves# less accumulated losses and deferred expenditure to the extent not written off.** Net worth shall be calculated using the following formula:

Reserves to be considered for the purpose of net worth shall be all **reserves created out of the profits and securities premium account** but shall not include reserves created out of revaluation of assets, write back of depreciation and amalgamation.

***Share Application Money pending allotment will be considered only in respect of share to be allotted.**

Description		Values <in Currency>	Reference (Page no., Clause etc.)
Paid up Share capital (A)	:		
Add: Share Application Money pending allotment (B)	:		
Add: Reserves (As defined above) (C)	:		
Less: Accumulated Losses (D)	:		
Less: Deferred Revenue Expenditure to the extent not written off (E)	:		
Net Worth (A+B+C-D-E)	:		

5.3. DOCUMENTS AND DATA REQUIRED WITH BID

Bidders are required to submit all such past experience(s) (PTR) meeting the BQC along with relevant supporting documents in the first instance itself, along with the bid. Accordingly, only such past experience(s) shall be considered for qualification, details of which are provided in the bid by the bidder and subsequently no additional past experience (PTR) shall be sought from the bidder.

5.3.1. Documents towards Technical Qualification Criteria:

Bidder shall complete & submit the Experience Record Performa (ERP) form enclosed with the bidding document to establish that the bidder meets the Bidder Qualification Criteria as per Clause 5.1 of this document.

Following documents shall be provided by the bidder along with the bid against BQC requirements:

- Experience Record Pro-forma (ERP)
Proven Track Record of having completed minimum one Liquid metering system-Ultrasonic flow meters as per clause 5.1.1 or 5.1.2 above.
- Authority Certificate and Capability Assessment Certificate from OEM as stated in clause 5.1.2 above.
- Back-up guarantee from OEM as stated in clause 5.1.2 above (it is not required separately, if it is part of Authority Certificate)
- Responsibility matrix as stated in clause 5.1.2 above.

- v) Bidder shall also furnish certificate from Owner/PMC towards operation for a minimum period of Twelve (12) months. Alternatively, Certificate issued by CEO or CFO or Company Secretary of Bidder is also acceptable. In such a case, bidder shall submit certificate/undertaking from CEO or CFO or Company Secretary of the bidder on their letter head indicating "The referenced Model of the proposed item/s has been in operation for a minimum period of Twelve (12) months at site.

5.3.2. Documents towards Financial Qualification Criteria:

Bidder shall submit the following documents to substantiate the Financial BQC:

- (i) Bidder shall furnish the latest Audited Financial Statement including Auditors reports, Audited Balance Sheet, Profit & Loss Account, Notes, Annexures (if any) etc. OR
Audited Published Annual Report.
- (ii) Financial statements duly certified by practicing Chartered Accountant (not being an employee or a Director and not having any interest in the bidder's company) where audited accounts are not mandatory as per law (as per [Annexure C](#) to IFB).

Notes towards Financial Documentation:

- a) **Financial Statements of Latest Years:** In case the last financial year closing date is within 9 months of bid due date and audited annual financial report of immediate preceding financial year is not available, bidder has the option to submit the financial details of the three previous years immediately prior to the last financial year. Otherwise, it is compulsory to submit the financial details of the immediate three preceding financial years.

Example, in case, audited annual financial report of immediate preceding financial year (year ending 31st March) is not available and where bid closing date is up to 31st December, the financial details of the three previous years immediately prior to the last financial year may be submitted. However, in case the bid closing date is after 31st December, it is compulsory to submit the financial details of the immediate three preceding financial years only.

- b) Bidder shall submit Standalone Financial Statements. However, Consolidated Audited Financial Statements are acceptable in following situations:
- (i) **Bidder is a Parent/Holding Company:** Where only consolidated Audited Financial Statements are prepared and audited, which includes the financial details of their wholly owned subsidiaries etc., consolidated audited financial statement shall be considered for establishing the financial criteria subject to Statutory Auditor/ CEO/ CFO/ Company Secretary or any member of the Board of Directors of the Bidder, certifying that standalone Financial Statements of Bidder (without the financial data of subsidiaries, etc.) is not separately prepared and audited.
 - (ii) **Bidder is a Subsidiary Company:** In case a Bidder is a Subsidiary Company and separate Financial Statements of the Bidder is not prepared & audited, but only a consolidated audited Financial Statements of their Parent Company/Holding Company are available, consolidated audited Financial Statement shall be considered for establishing the financial criteria subject to Statutory Auditor/ CEO/ CFO/ Company Secretary or any member of the Board of Directors of the Parent/Holding company (whose Audited Financial Statements are submitted for qualification) certifying in their letter head that Financial Statements of Bidder are not separately prepared and audited.
- c) Annual reports / Financial Statements of the bidder audited and issued till the final Bid due date (including extensions, if any) shall only be considered for

the Qualification of Bidder.

- d) Annual Financial details shall have to be submitted along with the original offer within the bid due date. The Financial details submitted after bid due date will not be considered for evaluation, however, any short fall/ missing document (issued prior to the bid due date) pertaining to the details furnished in the offer shall be allowed for submission.

5.3.3. Unique Document Identification Number (UDIN): Bidder shall ensure that the certificate/reports issued/attested by practicing Chartered Accountant (CA)/Statutory Auditor in India shall contain Unique Document Identification Number (UDIN) of the CA, without which these Certificates/ reports shall not be considered for evaluation.

However, this requirement of including UDIN shall not be applicable for certificate/reports issued/attested by a CA practicing in foreign country.

5.3.4. Authentication of BQC documents:

- a) It is Bidder's prime responsibility to submit genuine and authentic documents. No amount of checking or verification by EIL/NRL shall absolve Bidder from his responsibility.
- b) All documents furnished by the bidder in support of meeting the Bidder's Qualification Criteria (BQC) shall be:
Submitted duly certified by Statutory Auditor of the bidder or a practicing Chartered Accountant (not being an employee or a Director and not having any interest in the bidder's company) where audited accounts are not mandatory as per law.

OR

Submit documents duly notarized by any notary public in the bidder's country or certified true copies duly signed, dated and stamped by an official authorized for this purpose in Indian Embassy/ High Commission in Bidder's country."

OR

Bidder shall submit self-certified documents from any one out of CEO or CFO or Company Secretary of the bidder (Limited company only) along with Self-Certification as per [Annexure-A](#) to IFB [Format-A]. In addition to above, Bidder shall furnish an undertaking in the format enclosed herewith as per [Annexure-B](#) to IFB [Format-B], from the same authority (authorities) who had signed and authenticated the documents. This option shall not be applicable to Proprietorship/ Partnership firms.

OR

In case of PSU, the Power of Attorney holder duly authorized by the Board shall self-certify the BQC documents.

Note:

- i. Bidder shall upload the authenticated copies of documents duly digitally signed, on the e-procurement website. Hence submission of physical document is not required.
- ii. Requirement of certification/authentication as stated above shall not be applicable to published audited annual financial statements in English, if original booklets are submitted.

5.3.5. Notwithstanding any other condition/ provision in the tender documents, bidders are required to submit complete documents pertaining to BQC along with their offer. Failure to meet the BQC will render the bid to be summarily rejected. NRL reserves the right to complete the evaluation based on the details furnished by the bidder, with or without seeking any additional supporting documents /clarifications.

5.3.6. Language of Documents:

If the supporting BQC documents are not in **English language**, then copies of the **English translation** of the same shall also be furnished duly certified, stamped and signed, as per the convention followed by the concerned authority in the respective country, by any one of the following authorities:

- a) Local Chamber of Commerce, or
- b) Indian Embassy / High Commission in Bidder's country, or
- c) Any translator recognized/ authorized by Indian Embassy / High Commission.

5.3.7. Experience of Own Projects:

A job executed by a Bidder for its own plant/projects shall not be considered as experience for the purpose of meeting the Qualification Criteria of the Enquiry document.

However, Jobs executed for Subsidiary/ Fellow Subsidiary / Holding company shall be considered as experience for the purpose of meeting BQC, subject to submission of additional document towards "tax paid invoice(s) duly certified by Statutory Auditor of the Bidder or consolidated statement issued by Statutory Auditor of the Bidder towards payments of statutory tax" in support of the job executed for Subsidiary/ Fellow subsidiary / Holding company.

In case referred Project falls under "No Tax Area" (like SEZ), Bidder can submit certificate from their Statutory Auditor to this effect in place of Tax paid invoice.

Chartered Accountant (CA) (in place of Statutory Auditor) is acceptable where audited accounts are not mandatory as per law for latest financial year. Also CA shall not be an employee/ Director and not having any interest in the Bidder's company/Firm.

5.3.8. Verification of BQC documents of L1 Bidders:

Submission of authentic documents shall be the prime responsibility of the bidder. Wherever NRL/ EIL has concern or apprehension regarding the authenticity/ correctness of any document, Consultant/NRL reserves the right to get the documents verified from issuing authority/any relevant source. If documents (part or full) are found forged, such offers will be summarily rejected, orders if any placed against subject tender will be terminated and may be debarred from future tenders. For the purpose of verification bidders shall submit complete client details with names, address, phone number, e-mail ID etc.

It shall, therefore, be responsibility of the bidder/ contractor to get their BQC documents considered for qualification successfully verified as above. Bidders may also follow up with the issuing authority for eliciting early response. If documents remain unauthenticated till given time line, NRL reserves the right to reject the bid.

Accordingly, bidder shall ensure that they submit those executed works meeting the qualification criteria for which they can arrange such verification.

The documents submitted by L1 bidder in support of their credentials against BQC shall be mandatorily verified with the issuing authorities.

Failure of cross verification shall entitle NRL/EIL to reject the bid.

6. GENERAL

- 6.1. Bidders should have valid and furnish Permanent Account Number, PF Number, GSTIN and place of registration, ESI Registration Code, Proprietor ship affidavit and any other statutory requirement (as per provision of the bid document), at the time of submitting their bid. Non-compliance to same, the bid shall liable for rejection.
- 6.2. Unincorporated Joint Venture (JV) / Consortium Bids shall not be accepted.
- 6.3. Owner / EIL reserve the right to evaluate the Bids using in-house information.
- 6.4. Bidder should not be under liquidation, court receivership or similar proceedings.
- 6.5. The Bidders who are on Holiday / Negative of EIL / NRL or Ministry of Petroleum and Natural Gas (MoPNG) on the due date of submission of Bid / during the process of evaluation of the Bids, the offers of such Bidders shall not be considered for Bid opening/Evaluation/Award.
- 6.6. NRL / EIL shall not be responsible or liable for cost incurred in preparation, submission & delivery of Bids, site visit, participating in the discussion and other expenses incurred during the Bidding process, regardless of the conduct or outcome of the Bidding process.
- 6.7. In case, any Bidder is found to be involved in cartel formation, their Bid shall not be considered for evaluation/placement of order. Such Bidder shall be put on Holiday / blacklisted / debarred from bidding in future for EIL and appropriate proceeding shall be initiated against the Bidder.
- 6.8. Canvassing in any form by the Bidder or by any other agency on their behalf may lead to disqualification of their Bid.
- 6.9. NRL / EIL reserves the right to reject any/or all the Bids received or annul the Bidding process at any time at their sole discretion without assigning any reason thereof.
- 6.10. Unsolicited clarifications to the offer and/ or change in the prices during the validity period would render the bid liable for rejection.
- 6.11. Make In India Policy 2017: Class I and Class II local suppliers are eligible to quote for this enquiry. Purchase preference against MAKE IN INDIA POLICY shall be applicable for Class I local suppliers only.
- 6.12. MSE Policy, 2012: Purchase preference for MSE bidders shall be applicable for this enquiry.
- 6.13. Domestically Manufactured Iron & Steel Policy is not applicable.
- 6.14. Provision for Procurement from Bidders from country(ies) Sharing Land Border with India: Bidder shall confirm compliance as per provisions of Instructions to Bidders (ITB).
- 6.15. BQC relaxation to start ups and MSE bidders shall not be applicable.
- 6.16. Owner / EIL reserve the right to complete evaluation of the bidder as per the details furnished by bidder without seeking any additional information / document.
- 6.17. For terms and conditions and other details/Specifications, refer complete Bidding document and subsequent Amendment(s), if any.
- 6.18. Clarification, if any, can be obtained from Mr Shyamal Biswas / Mr. Manoj Kumar / Ms Sunita Mitra through following number.

Telephone No. +91-11-2676 8159 / 3169 / 3504 E-mail: shyamal.biswas@eil.co.in; manoj.kumar.pur@eil.co.in; s.mitra@eil.co.in

Very truly yours,
For & on Behalf of NRL
(SUNITA MITRA)
SR. GM (SCM)
ENGINEERS INDIA LIMITED