

ANNEXURE-I

OIL INDIA LIMITED
 (A Government of India Enterprise)
 P.O. Duliajan-786602, Assam, India
 E-mail: material@oilindia.in

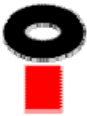
INVITATION FOR LOCAL COMPETITIVE BID

OIL INDIA LIMITED invites Local Competitive Bid (LCB) through its e-procurement portal <https://etender.srm.oilindia.in/irj/portal> for the following items:

E-Tender No	Bid Closing/Opening Date	Item Description
SDI1401P17 Dt. 10.06.2016 Single Stage Composite Bid System	14.07.2016	ENTERPRISE PROJECT MANAGEMENT SOFTWARE
SDI0749P16 Dt. 31.03.2016 Single Stage Composite Bid System	14.07.2016	FLP FITTINGS
SDI0629P16 Dt. 18.03.2016 Single Stage Composite Bid System	14.07.2016	STEEL TUBULAR POLE
SDI1420P17 Dt. 10.06.2016 Single Stage Composite Bid System	14.07.2016	FIRE WATER MONITOR
SDI1418P17 Dt. 10.06.2016 Single Stage Composite Bid System	14.07.2016	HIGH VOLUME LONG RANGE MONITOR (HVLRM)
SDI1323P17 Dt. 03.06.2016 Single Stage Composite Bid System	14.07.2016	WATER TANK
SDI1363P17 Dt. 07.06.2016 Single Stage Two Bid System	14.07.2016	PMCC PANEL
SDI1438P17 Dt. 13.06.2016 Single Stage Composite Bid System	14.07.2016	HIGH MAST
SDI1439P17 Dt. 13.06.2016 Single Stage Composite Bid System	14.07.2016	LT PANELS
SDI1440P17 Dt. 13.06.2016 Single Stage Two Bid System	14.07.2016	HDPE LINING
SDI1376P17 Dt. 07.06.2016 Single Stage Two Bid System	14.07.2016	62.5 KVA GENERATING SET

Tender fee (Non-refundable): Rs 1,000.00; Bid Closing/Opening Time: **(11 Hrs.) IST/(14 Hrs.) IST**; Period of sale of documents: **Till one week prior to bid closing date**. The complete bid documents and details for purchasing bid documents, participation in E-tenders are available on OIL's e-procurement portal <https://etender.srm.oilindia.in/irj/portal> as well as OIL's website www.oil-india.com.

NOTE: All addenda, Corrigenda, time extension etc. to the tenders will be hosted on above website and e-portal only and no separate notification shall be issued in the press. Bidders should regularly visit above website and e-portal to keep themselves updated.



OIL INDIA LIMITED
(A Government of India Enterprises)
PO : Duliajan – 786602
Assam (India)

TELEPHONE NO. (91-374) 2808719

FAX NO: (91-374) 2800533

Email: ranjanbarman@oilindia.in ; erp_mm@oilindia.in

FORWARDING LETTER

Tender No. : SDI1418P17 Dt. 10.06.2016

Tender Fee : Rs 1,000.00

Bid Security : Applicable

Bidding Type : SINGLE STAGE COMPOSITE BID SYSTEM

Tender Type : Open Tender

Bid Closing / Opening on : As mentioned in the e-portal

Performance Security : Applicable

Integrity Pact : Not Applicable

OIL invites Bids for **Supply of HVLRM (Qty. – 3 Nos.)** through its e-Procurement site under **SINGLE STAGE COMPOSITE BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents

The general details of tender can be viewed by opening the RFx [Tender] under RFx and Auctions. The details of items tendered can be found in the Item Data and details uploaded under Technical RFx.

The tender will be governed by:

- a) For technical support on various matters viz. Online registration of vendors, Resetting of Passwords, submission of online bids etc, vendors should contact OIL's ERP MM Deptt at following: Tel Nos = 0374-2807178, 0374-2807171 , 0374-2807192. Email id = erp_mm@oilindia.in.

- b) OIL's office timings are as below:

	Time (in IST)
Monday – Friday	07.00 AM to 11.00 AM; 12.30 PM to 03.30 PM
Saturday	07.00 AM to 11.00 AM
Sunday and Holidays	Closed

Vendors should contact OIL officials at above timings only.

- c) “General Terms & Conditions” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

- d) Technical specifications and Quantity as per **Annexure – 1A**.
- e) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents.
- f) Amendments to the NIT after its issue will be published on OIL's website only. Revision, clarification, addendum, corrigendum, time extension etc. to the tender will be hosted on OIL website only. No separate notification shall be issued in the press. Prospective bidders are requested to visit website regularly to keep themselves updated.
- g) Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).
- h) Bidder are advised to fill up the Technical bid check list (**Annexure EEE**) and Response sheet (**Annexure FFF**) given in MS excel format in Technical RFx -> External Area -> Tender Documents. The above filled up document to be uploaded in the **Technical RFx Response**.

Special Note:

1.0 Technical and Financial Criteria:

In addition to the general BRC/BEC, following Technical and Financial criteria shall be considered as on the original Bid Closing Date. (**Documentary evidence to be provided along with the bid in Technical RFx -> External Area -> Tender Documents failing which the offer shall be rejected**).

Criteria	Complied / Not Complied. Documentary evidence submitted / not submitted
a) Bidder should have experience of successfully executing atleast 1 (one) similar order for Rs. 10.50 Lakhs in preceding 5 (five) years as on BC Date. "Similar order" means "Supply of UL Listed/FM approved variable flow manually operated High Volume Long Range Monitor (HVLRM) of capacity 1000 GPM or more with foam induction system as indicated in the NIT."	
b) Annual financial turnover of the firm in any of the preceding 3 financial years should not be less than Rs. 10.50 Lakhs (In Rs).	
c) Net Worth of the firm should be Positive for preceding financial / accounting year.	

Note: Documentary evidence in respect of the above should be submitted in the form of copies of relevant Purchase Orders along with copies of any of the documents in respect of satisfactory execution of each of those Purchase Orders, such as – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under

relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above. For Annual financial turnover enclose the audited Annual Report , Balance Sheet and Profit and Loss Account certified by a chartered accountant.

2.0 Vendors having OIL's User ID & password may pay Tender Fee on-line through OIL's electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).

Vendors who do not have OIL's User ID & password, may generate User ID & password online by the Vendor by using the link for supplier enlistment given in OIL's e-tender portal and then pay Tender Fee on-line through OIL's electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).

Alternatively application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in the form of crossed "Payee Account only "Bank Draft/Bankers' Cheque drawn by Bank and valid for 90 days from the date of issue of the same or in the form of Indian Postal Orders payable to the OIL is to be sent to **DGM-Materials, Oil India Limited, P.O. Duliajan, Assam-786602. Application shall be accepted only upto one week prior to the Bid closing date (or as amended in e-portal).** The envelope containing the application for participation should clearly indicate "REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO ..." for easy identification and timely issue of user ID and password. On receipt of requisite tender fee, USER_ID and initial PASSWORD will be communicated to the bidder (through e-mail) and will be allowed to participate in the tender through OIL's e- Procurement portal. No physical tender documents will be provided. Details of NIT can be viewed using "Guest Login" provided in the e-Procurement portal. The link to e-Procurement portal has been also provided through OIL's web site www.oil-india.com.

NOTE:

In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they shall apply to DGM-Materials, Oil India Limited, P.O. Duliajan, Assam-786602 for waiver of Tender Fee upto one week prior to the Bid closing date (or as amended in e-portal).

3.0 The tender is invited under SINGLE STAGE- COMPOSITE BID SYSTEM. The bidders are required to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" through electronic format in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.

3.1 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFx Response-> User -> Technical Bid only.

4.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with **Tender no.** and **Due date** to **DGM- Materials, Materials Department, Oil India Limited, Duliajan - 786602, Assam** on or before the Bid Closing Date and Time mentioned in the Tender.

- a) **Original Bid Security**
- b) **Detailed Catalogue (if any)**
- c) **Any other document required to be submitted in original as per tender requirement**

All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in Duplicate.

5.0 Benefits to Micro & Small Enterprises (MSEs) as per OIL's Public Procurement Policy for Micro and Small Enterprises (MSEs) shall be given. Bidders are requested to go through ANNEXURE – I of MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders for more details. MSE bidders are exempted from submission of Tender Fees and Bid Security/Earnest Money provided they are registered for the items they intend to quote.

6.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.

7.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected.

8.0 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.

9.0 The tender shall be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed **Annexure-CCC**. However, if any of the **Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (as per Annexure-CCC)** contradict the **Clauses of the tender and / or "General Terms & Conditions"** as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders elsewhere, those in the **BEC / BRC** shall prevail.

10.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

11.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

12.0 If Bank Guarantee is submitted towards 'Bid Security', then bidders have to ensure that the Bank Guarantee issuing bank indicate the name and detailed address (including e-mail) of their higher office from where confirmation towards genuineness of the Bank Guarantee can be obtained.

NOTE:

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of NIT.

Yours Faithfully

**Sd-
(R. BARMAN)
SR. MANAGER MATERIALS (IP)
FOR : DGM-MATERIALS**

Tender No & Date: SDI1418P17 Dt. 10.06.2016**BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)**

The following BRC/BEC will govern the evaluation of the bids received against this tender. Bids that do not comply with stipulated BRC/BEC in full will be treated as non responsive and such bids shall prima-facie be rejected. Bid evaluation will be done only for those bids that pass through the “Bid Rejection Criteria” as stipulated in this document.

Other terms and conditions of the enquiry shall be as per General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BRC / BEC) contradict the Clauses of the tender or MM/LOCAL/E-01/2005 elsewhere, those in the BRC / BEC shall prevail.

<u>Criteria</u>	Complied / Not Complied. (Remarks if any)
<p>1.0 BID REJECTION CRITERIA (BRC):</p> <p>The bid shall conform generally to the specifications, terms and conditions given in this document. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.</p> <p>A) COMMERCIAL:</p> <p>i) Validity of the bid shall be minimum 90 days from the Bid Closing Date.</p> <p>ii) Bid security: The bid must be accompanied by Bid Security of Rs 42,000 in OIL's prescribed format as Bank Guarantee or a Cashier's cheque or Demand Draft in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender. The Bank Guarantee towards Bid Security shall be valid for 6 months from Bid closing date. (i.e. upto <u>14.01.2017</u>). Cashier's cheque or Demand Draft shall be valid for minimum 90 days or as per RBI's guidelines, drawn on “Oil India Limited” and payable at Duliajan, Assam</p> <p>Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.</p> <p><u>If bid security in ORIGINAL of above mentioned Amount and Validity is not received or paid online within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration.</u></p>	

For exemption for submission of Bid Security, please refer Clause No. 8.16 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

The format of Bank Guarantee towards Bid Security (Annexure – VII) has been amended to Annexure – VII (Revised) and bidders should submit Bank Guarantee towards Bid Security as per Annexure – VII (Revised) only.

iii) Bids are invited under “Single Stage Composite Bid System”. Bidders have to submit both the “Techno-commercial Unpriced Bids” and “Priced Bids” through electronic form in the OIL’s e-Tender portal within the bid Closing date and time stipulated in the e-tender. The Techno-commercial Unpriced bid is to be submitted as per scope of works and Technical specification of the tender and the priced bid as per the online Commercial bid format. For details of submission procedure, please refer relevant para of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

iv) Performance Security:

The successful bidder shall submit Performance Security @ 10% of PO value within 30 days of receipt of the formal purchase order failing which OIL reserves the right to cancel the order and forfeit the Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above.

The Performance Security shall be in any one of the following forms :

(a) A Bank Guarantee in the prescribed OIL’s format valid for 3(three) months beyond the Warranty period indicated in the Purchase Order /contract agreement.

(b) A Cashier's cheque or Demand Draft with validity of minimum 90 days or as per RBI’s guidelines, drawn on “Oil India Limited” and payable at Duliajan, Assam.

The Performance Security for capital nature items like plant and machinery etc. shall be valid for 12 months from the date of commissioning plus 3(three) months or 18 months from the date of shipment/despatch plus 3(three) months whichever concludes earlier. However, for consumables like chemicals, cement, tubular etc. the Performance Security shall be valid for 12 months from the date of shipment/despatch plus 3(three) months.

The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.

v) The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

vi) Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.

vii) All the Bids must be Digitally Signed using “Class 3” digital certificate with Organisation’s name (*e-commerce application*) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3 with Organisation’s Name” digital certificate, will be rejected.

viii) Price should be maintained in the “online price schedule” only. The price submitted other than the “online price schedule” shall not be considered.

ix). Delivery period: Four (4) months from the date of issue of LOA.

x). Bidder should categorically confirm in the technical bid for delivery of the items within Four (04) months after receipt of formal order failing which the offer will be rejected.

xi). A bid shall be rejected straightway if it does not conform to any one of the following clauses:

(a) Validity of bid shorter than the validity indicated in the Tender.

(b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.

(c) Bid Security with (i) Validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.

(d) Annual Turnover of a bidder lower than the Annual turnover mentioned in the Tender.

2.0 BID EVALUATION CRITERIA (BEC)

The bids conforming to the terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria as well as verification of original of any or all documents/ documentary evidences pertaining to BRC, will be considered for further evaluation as per the Bid Evaluation Criteria given below.

A) TECHNICAL:

i) The bids will be evaluated as per NIT specification.

B) COMMERCIAL:

i). To evaluate the inter-se-ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Govt. of Assam guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their offer.

<p>ii) A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.</p> <p>iii) To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.</p>	
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NOTE:

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of NIT.

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TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No & Date: SDI1418P17 Dt. 10.06.2016

**ITEM NO. 10, SUPPLY, MANUAL HVLRM (CAP: 1000 GPM)
(QNTY. – 3 NOS.)**

DETAILED SPECIFICATIONS:

UL listed or FM approved manually operated Foam cum Water Monitor with Foam Induction Mechanism.

Capacity: Variable flow of 1000, 750 and 500 GPM with single Nozzle.

Type: Non-aspirating

1.0 SCOPE:

This specification and scope of supply covers the requirements regarding design, materials, fabrication, performance, testing and supply of UL listed or FM approved manually operated non-aspirating type Water cum Foam monitor to be used for fire fighting.

Water cum Foam monitor is required in the following discharge capacities: 1000 USGPM adjustable to 750 USGPM & 500 USGPM at 7.0 Kg/cm² inlet pressure with the same single nozzle.

The Monitor shall be designed for mounting on stand posts or elevated platform /tower at fixed locations. The monitor shall be capable to give discharge in the form of hollow jet and spray arrangement.

All the operation of the monitor viz. Horizontal movement, Vertical Movement, Jet/spray adjustment should be possible manually from Monitor.

2.0 MONITOR & FOAM INDUCTION:

2.1 Foam Induction System

2.1.1 Foam feeding shall be by a separate & single aqua powered foam inductor. The induction system shall be UL listed or FM approved for use along with tendered monitor.

2.1.2 The Foam Inductor should be capable of feeding foam concentrate from a horizontal distance of up to 75 meters from the Monitor Nozzle.

2.1.3 The inlet and outlet of foam Inductor shall be provided with standard 63 mm male and female instantaneous couplings as per IS:903.

2.1.4 The length of the foam pick up tube shall be 3-4 Meters. It should be possible to induct 3% foam for all the three flows, however, variation of +20% of the induction rate is permissible. Manual valve shall be provided at foam inductor to set foam induction as per 1000 USGPM, 750 USGPM or 500 USGPM water flows.

2.2 Monitor

2.2.1 The monitor shall be able to discharge 1000 USGPM, 750 USGPM and 500 USGPM (depending upon adjustment at the Nozzle) at a pressure of 7.0 kg/cm² (g) at the mating/mounting flange. The foam compound shall be AFFF/FFFP.

2.2.2 The nozzle shall produce foam with foam expansion ratio 1:3 to 1:4.

2.2.3 The pattern of the Water/foam jet nozzle shall be adjustable from straight to 140 deg wide spray.

2.2.4 The monitor shall have traversing mechanism to give 340 deg. in either direction in horizontal plane and +90 deg. & -15 deg. in vertical plane through swivel joints operated by worm and worm wheel operated geared unit. There shall be separate hand wheels for horizontal and vertical movement of the monitor. The arrangement shall be such that monitor movements can be done by a single person. All the gear mechanisms shall be sealed by proper enclosure to avoid accumulation of dust on lubricated parts. Both the traversing mechanisms shall be self locking type.

2.2.5 The Swivel Joints shall have SS ball bearing with efficient sealing.

2.2.6 The monitor shall be variable flow adjustment type and it should be possible to set all three flow rates easily and quickly at site by the operator.

2.2.7 There shall not be any flanged joint on the monitor body, except one at base flange. Other Joint between monitor body & nozzle shall be threaded type.

2.2.8 A pressure gauge to indicate the inlet pressure shall be fitted on the monitor body near inlet of nozzle. Pressure drop across the monitor shall be less than 10 PSI.

2.2.9 A drain connection with valve shall be provided near the base flange.

2.2.10 The monitor shall be so designed as to resist the nozzle reaction forces during operation and shall be capable of being handled by one person.

2.2.11 It should be possible to operate the monitor at 10.5 kg/cm² pressure at Inlet flange.

3.0 MATERIAL OF CONSTRUCTION

Item/Part	Material of Construction
Nozzle	SS-316
Monitor Body	SS-316
Flange (150lbs, ANSI B16.5 rating, size:100mm)	SS-316
Matching Flange(150lbs, ANSI B16.5 rating, size:100mm)	SS-316
Swivel Joints	SS-316
Worm	SS-316
Gear	SS-316
Spindle for worm	SS-316

Hand-wheels for Nozzle, horizontal/vertical movement	SS-316
Pick up tube (3-4 meter length)	PVC reinforced with high tensile steel wire helix as per ASTM D1785 Sch 80
Drain connection	SS-316
Drain valve	SS-316
Foam strainer (removable type)	SS-316
Foam Inductor	SS-316
Foam Inductor Couplings (63mm)	SS-316
Nuts/bolts at Monitor	SS-316

4.0 APPROVAL

The Monitor, Foam Nozzle and Foam Induction device shall be UL Listed or FM approved with following features:

- i) Nozzle : Non-Aspirating type
- ii) Monitor Flow : 1000 USGPM, 750 USGPM & 500 USGPM foam solution with single nozzle.
- iii) Operating Pressure : 100 PSI
- iv) Induction : Aqua Powered variable flow Foam Inductor (single) suitable for all the three flow rates (1000 USGPM, 750 USGPM & 500 USGPM) of monitor.

The vendor shall provide certified approved drawings / documents authenticated by UL/FM as documentary evidence along with bids.

5.0 PERFORMANCE

With pressure of 7 kg/cm² (g) at base flange and Nozzle at 30 to 35 deg. from horizontal, the Monitor shall be capable of giving following performance:

Flow Unit (US GPM)	Minimum Horizontal Water Throw (Unit: Meters)	Minimum Horizontal Foam Throw (Unit: Meters)
1000	70	64
750	60	55
500	50	45

Throw to be calculated on the basis of arithmetic average of throws (measured from monitor base flange to approximate centre of the footprint) in downwind & upwind directions at prevailing wind speed (maximum 4 km/hr.) at the time of performance test. Flow Variation of + 5% is permissible.

6.0 WORKMANSHIP AND FINISH

All the parts shall have good workmanship and finish. All burrs and sharp edges shall be removed. Passages for foam/water shall have smooth finish.

7.0 ANTICORROSIVE TREATMENT AND PAINTING

7.1 All metallic components (except stainless steel) subject to direct water or foam contact shall be hot dip galvanized, to a minimum thickness of 0.012mm. The thickness of coating shall be measured as per IS: 3203.

7.2 All external surfaces shall be properly shot blasted & provided with two coats of primer followed by two coats of final finish paint of 50 micron. The final finish paint should be Luminous yellow as per IS-5. Nozzle shall be yellow epoxy polished. The paint shall conform to IS: 2932.

8.0 MARKING

8.1 Each monitor shall be clearly and permanently marked (Embossed on SS plate) with the following:

- a) Manufacturer's/Supplier's name
- b) Year of manufacturer
- c) Purchaser's name and order reference
- d) Capacity
- e) UL/FM marking for monitor.

9.0 SITE WORK

9.1 During erection, installation and commissioning of the monitor at site, vendor shall have to depute their supervisor to commission all monitors at vendor's cost.

9.2 Vendor shall depute the supervisor for assistance in installation/ commissioning within two weeks of call from the purchaser.

9.3 Vendor shall submit per man-day charges of supervision along with the priced offer for any requirement of supervision during installation beyond two days.

10.0 EXCLUSION

10.1 Fire water mains up to inlet base of monitors are excluded from vendor's scope.

10.2 Construction of Elevated platform / Structure.

11.0 INSPECTION & TESTING

Prior to dispatch from vendor's shop the following acceptance tests shall be carried out by the vendor to the complete satisfaction of OIL's representative in presence of Third Party Inspection Agency (TPIA) without any extra cost to OIL. All consumable (e.g. water, foam compound etc.) shall be arranged by vendor at his own cost. Vendor shall arrange all facilities to carry out inspection & testing as follows:

- Positive Material Identification (PMI) test for 10% of the monitors.
- Visual and dimensional check.

- Hydro test of each monitor body at minimum 25kg/cm² or hydraulic test pressure specified by UL Listing/ FM approval whichever is higher. The pressure shall be held for minimum five minutes without any leakage or distortion of any part.
- Performance test shall be carried out for minimum 20% monitors. In case lot size is less than 10 monitors than minimum 2 monitors shall be subjected to performance test. Testing shall be carried out to verify the following performance parameters as per above specification:

a) Measurement of Flow Rates (1000, 750 & 500 USGPM) at 7 kg/cm² pressure at inlet flange. (Variation of +5% is acceptable)

b) Horizontal Movement at 1000 USGPM flow manually by hand wheel.

c) Vertical Movement at 1000 USGPM flow manually by hand wheel.

d) Jet/spray pattern adjustment manually using lugs/handle.

e) Horizontal Throw for foam & water at all the three 1000, 750 & 500 USGPM settings (pressure at inlet flange 7 kg/cm²)

f) Foam Expansion ratio 1:3 to 1:4.

h) Induction rates at all the three 1000, 750 & 500 US GPM settings.

g) Smooth functioning of Change-over of flows by single person without using tools.

OIL or its representative shall have access at all reasonable times to vendor's works where the appliance or its accessories are being fabricated and tested.

12.0 VENDOR'S DRAWING AND DATA REQUIREMENT

Vendor shall furnish drawings and data as per Annexure A.

13.0 PERFORMANCE GUARANTEE

The manufacturer shall guarantee the material, workmanship and the performance for a period of one year from the date of the appliance reaching the plant site. The vendor without any extra cost shall rectify any mechanical defect, faulty workmanship or operational defects found during this period.

14.0 SPECIAL TERM & CONDITIONS

1.0 The bidder shall be an Original Equipment Manufacturer (OEM) having experience in manufacturing of UL listed or FM approved Manually Operated High Volume Long Range Monitors (HVLRM) of capacity 1000 GPM with foam induction mechanism as per specification indicated in the NIT.

Or

The bidder shall be an authorized representative/ dealer/ supplier of the OEM for the tendered HVLRMs .

2.0 In case, the bidder is an Original Equipment Manufacturer (OEM): Documentary evidence in the form of copy of valid NSIC Certificate/SSI Certificate/Excise Registration Certificates or equivalent Certificate of Statutory Authority should be submitted as evidence of manufacturer.

Additionally, copy of Purchase order/ Work order, Inspection release note, completion certificate with detail Specification of the supplied system linked with Purchase order/ work order in the support of the bidders past successful supply shall be submitted along with the bid.

3.0 In case the bidder is an authorized representative / dealer / supplier, proper valid authorization certificate from the OEM shall be submitted along with the offer for bid evaluation. Such authority letter should be valid for the entire period of execution of the order. Documentary evidence of the OEM meeting the criteria as mentioned in Para 2.0 shall be submitted along with the bid. Additionally, documentary evidence in the form of copy of Purchase order/ work order, Inspection release note, completion certificate with detail Specification of the supplied system linked with Purchase order/ work order in the support of the bidders past successful supply shall be submitted along with the bid.

4.0 APPROVAL CRITERIA: Bidder must agree to submit certified approved drawings / documents of manually operated HVLRM of same type & capacity authenticated by UL/FM as documentary evidence along with the bid.

ANNEXURE-A

VENDOR DATA REQUIREMENT (X: MEANS DATA REQUIRED FROM VENDOR)

Sl. No.	Description	Along with the Bid	After award of job
1	Technical Data Sheet		x
2	Deviation Schedule	x	
3	Basic Design parameters, performance data like Projectile movement of water stream, Foot print (shape, size, area) of stream at landing zone, catalogues, Brochures, K- factor of nozzle, Pressure drop across the monitor, etc.		x
4	UL/FM listing documents of water cum foam monitor as per Approval		x
5	General Arrangement drawing and cross sectional details drawings		x
6	Installation, Pre-commissioning and Performance Guarantee tests procedures.		x
7	Operating & instruction manual		x
8	Inspection and testing Records		x

NOTE:

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of NIT.

EVALUATION SHEET FOR TENDEER NO. SDI1418P17 DT. 10.06.2016

SRL. NO	CLAUSE NO. OF TENDER DOCUMENT/ BEC/BRC, TECHNICAL SPECIFICATION / SCOPE OF WORK	DESCRIPTION	COMPLIED / NOT COMPLIED	BIDDER TO INDICATE RELEVANT PAGE NO. OF THEIR BID
1	Under Item Description	Whether Monitor is BIS Approved Manually operated Fire Water Monitors of capacity 3500 LPM.		
2	Under Item Description	Whether the Discharge Capacity is 3500 LPM with single nozzle.		
3	Under Item Description	Whether the Type of the Monitor is Stand Post Type		
4	Under Item Description	Whether the Operation Type is Worm & Worm Wheel operated by separate handwheel for horizontal & vertical rotation.		
5	Under clause 3.1, Design & Construction of the Technical specification sheet	Whether the Design and Construction of Water Monitor shall conform to IS: 8442, except as mentioned in data sheet for Stand Post Type Water Monitor enclosed with Bid / Requisition document.		
6	Under clause 3.2., Design & Construction of the Technical specification sheet	Whether the Monitor is of jet, spray and fog type, self-locking type and operated by a single person.		
7	Under clause 3.3., Design & Construction of the Technical specification sheet	Whether the monitor can be mounted on a 100 mm (4") N.B. Raised Face, Slip On type Flange with all dimensions conforming to ANSI B 16.5, 150 lbs rating,		
8	Under clause 3.4, Design & Construction of the Technical specification sheet	Whether a drain connection is provided with a 15 mm (1/2 inch) NB drain valve at the end of pipe near the base flange .		
9	Under clause 3.5., Design & Construction of the Technical specification sheet	Whether the threaded end of the water nozzle is hexagonal to facilitate screwing of the nozzle on the water barrel with nozzle spanner.		
10	Under clause 7, Inspection of the Technical Specification Sheet	Whether vendor complies to the INSPECTION AND TESTING clauses of OIL		
11	Under Item Description	Whether the technical Specification meets the requirement as per the Datasheet attached.		

[Signature]
25/05/16

Technical Bid Checklist**Annexure-EEE**

Tender No.			
Bidder's Name :			
BEC / TENDER REQUIREMENTS		Compliance by Bidder	
SL. NO.		Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Confirm that validity has been offered as per NIT.		
2	Confirm that Bid Security / Earnest Money has been submitted as per NIT (Wherever Applicable) ?		
3	Confirm that you shall submit Performance security (in the event of placement of order) (Wherever Applicable) ?		
4	Confirm that duly signed Integrity Pact has been submitted as per NIT (Wherever Applicable) ?		
5	Confirm that you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)		
6	Confirm that you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.		
7	Confirm that the bid has been signed using Class 3 digital certificate with Organisation's Name as per NIT.		
8	Confirm that you have not taken any exception/deviations to the NIT .		

NOTE: Please fill up the greyed cells only.

(*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of the purchase order cited above.

Response Sheet**Annexure-FFF**

Tender No.
Bidders Name

Bidders Response Sheet

SI No.	Description	Remarks
1	Place of Despatch	
2	Whether Freight charges have been included in your quoted prices	
3	Whether Insurance charges have been included in your quoted prices	
4	Make of quoted Product	
5	Offered Validity of Bid as per NIT	
6	Bid Security Submitted (if applicable)	
6	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
7	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
8	Integrity Pact Submitted (if applicable)	
9	Whether you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)	
10	Whether you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.	
11	Delivery Period in weeks from placement of order	
12	Complied to Payment terms of NIT (if applicable) otherwise to Standard Payment Terms of OIL or not.	
13	If bidder is MSE whether you have quoted your own product	
14	If Bid security submitted as Bank Guarantee, Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager	

NOTE: Please fill up the greyed cells only.

(*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory

**(TO BE FILLED UP BY ALL THE VENDOR IN THEIR OWN LETTER HEAD)
(ALL FIELDS ARE MANDATORY)**

Tender No. :.....
Name of Beneficiary :M/s.....
Vendor Code :.....
Address :.....
.....
Phone No. (Land Line) :.....
Mobile No. :.....
E-mail address :.....
Bank Account No. (Minimum
Eleven Digit No.) :.....
Bank Name :.....
Branch :.....
Complete Address of your
Bank :.....
IFSC Code of your Bank
a) RTGS :.....
b) NEFT :.....
PAN :.....
VAT Registration No. :.....
CST Registration No. :.....
Service Tax Registration No. :.....
Provident Fund Registration :.....

I/We confirm and agree that all payments due to me/us from Oil India Limited can be remitted to our above mentioned account directly and we shall not hold Oil India Limited responsible if the amount due from Oil India Limited is remitted to wrong account due to incorrect details furnished by us.

Office Seal

.....
Signature of Vendor

Counter Signed by Banker:
Seal of Bank:

Enclosure: Self attested photocopies of the following documents-

- 1) PAN Card
- 2) VAT Registration Certificate
- 3) Service Tax Registration
- 4) CST Registration
- 5) Provident Registration Certificate
- 6) Cancelled cheque of the bank account mentioned above (in original).
- 7) Bank Statement not older than 15 days on the date of submission.