



TENDER ENQUIRY
[PRESS TENDER]

माझगांव डॉक शिपबिल्डर्स लिमिटेड
(भारत सरकार का उपक्रम)
MAZAGON DOCK SHIPBUILDERS LIMITED
(Formerly known as Mazagon Dock Limited)
(A Govt. of India Undertaking)
CIN: U35100MH1934GOI002079
Dockyard Road, Mumbai 400 010
Website- www.mazdock.com
Certified - ISO 9001: 2008 for Shipbuilding Division

Tender No : 2000006637
Purchasing Executive : AJAY KUMAR SHUKLA
To

Department: MATERIAL-PURCHASE
Purchasing Executive: AJAY KUMAR SHUKLA
Telephone No:+91 23763248
Fax No:+91 23738151
Email ID: akshukla@mazdock.com

Tender Number: 2000006637
Tender Date: 24.04.2017
Tender Closing Date 31.05.2017
Tender Closing Time 14:00:00
RFQ Number: 2020005760

Telephone No:
Fax No:
Email ID:

Tender Fee: Rs 0.00
EMD Amount: Rs 120,000.00

Pre Bid Meeting Date Pre Bid Meeting Time 00:00:00
Tender Opening Date: 01.06.2017 Tender Opening Time: 15:00:00

Offer should be valid up to: 30.10.2017

Security Deposit: 5.00 % of PO value Perf. Bank Guarantee: 10.00 % of PO value

(Kindly read and refer relevant terms & conditions for further details. Do ensure to Quote Department Name, Purchase Executive's Name, Tender Number, Closing date & time and RFQ Number in your Quotation & related correspondence)

Dear Sir / Madam ,

SUB:- SUPPLY AND COMMISSIONING OF ONE NO WATER CUM FOAM FIRE TENDER.

Mazagon Dock Shipbuilders Limited (MDL) invites Competitive - Bid from reputed suppliers for the following in **TWO BID** system (Part I Techno-Commercial Bid & Part II - Price Bid).

| Sl.No. | Material/Service Details | Quantity/Unit | Delivery Date |
|--------|--|---------------|---------------|
| 00100 | Material Number:- 510000000000000745 Water cum foam Fire Tender Material Description :supply & Commissioning of one no Water cum foam fire tender. | 1 Number | 30.10.2017 |

Terms & Conditions as indicated in Part A of this tender and other enclosures / annexures form an integral part of this tender document. We look forward to receive your most competitive and reasonable offer against this Tender.

For Mazagon Dock Shipbuilders Ltd



MAZAGON DOCK SHIPBUILDERS LIMITED

(A Government of India Undertaking)

Dockyard Road, Mazagon, Mumbai 400 010. INDIA

Certified - ISO 9001/EN ISO 9001 For Shipbuilding Division

Tel. No.: (022) 23763248/3246. Fax: (022) 2373 8151

E mail: akshukla@mazdock.com

Website: www.mazdock.com

e-Procurement site: <https://eprocuremdl.nic.in>

e-TENDER ENQUIRY (TWO- BID SYSTEM) FOR PURCHASE OF ITEMS

DIVISION-SHIP BUILDING

DEPARTMENT-MATERIAL PROCUREMENT

Tender no. : GM (M)/AKS/2000006637
Tender Date : 24.04.2017
Tender Due Date : 31.05.2017
Tender Opening date : 01.06.2017

MAZAGON DOCK SHIPBUILDERS LIMITED INVITES ON-LINE COMPETITIVE BIDS from reputed Bidders / Vendors in TWO BID SYSTEM (Part-I Techno Commercial Bid and Part-II Price Bid) on our e-procurement portal, for the following work/supplies:

1. Description of Work / Supplies / Services:

| Sr No | Description of Item | Unit | Quantity Required | Work completion schedule |
|--------------|---|-------------|--------------------------|--|
| 01 | Supply and commissioning of Water cum Foam Fire Tender. | Nos | 1 | Supply within 3 month from the date of Purchase order. |

2. Technical Specification & Scope of supply: - The detailed scope is attached at Annexure-1.

3. Pre-Qualification documents & criteria:

All Bidders should upload a scanned image of the following prequalification documents along with their e-offer in Part-I bid:

3.1 Commercial Pre Qualification Criteria & Documents:

- 3.2 Bidders Company Profile and Shop & Establishment registration certificate / Certificate of Incorporation or registration certificate from local bodies for conducting business.
- 3.3 List of equipment held by them with model / year / working status along with details of their manufacturing facilities and personnel with designation, qualification and experience to determine their capabilities. NSIC / SSI registered bidders are requested to submit the valid registration certificate indicating the capacity alternatively.
- 3.4 Bidder's audited balance sheets and Profit & Loss account for the last three financial years ending 31st March 2014, 2015 and 2016. The average minimum turnover for three years should be a least **Rs.18, 00,000/-**. If any cash transaction included in turnover (Statement of Profit & Loss), the same will not be considered for turnover value
- 3.5 The bidder should have executed orders of supplies of fire tender with minimum value of at least for **Rs.30,00,000/-** during the last three years and shall submit Purchase order copies and work completion certificate.

Note:

- a. It is clarified that the work executed by the **Bidder** for their in-house or capital use will not be considered for the purpose of bidders' experience of completion of similar works.
- b. If any cash transaction is included in turnover (statement of profit & loss), the same will not be considered for turnover value.
- c. Bidders need to Upload supporting documentary evidence in support of the Pre Qualification Criteria viz. **Work Order, Work Completion Certificate** issued by the party for whom the work is done as per **Enclosure-6**. MDL has a right to verify / cross verification of authenticity of the said documents whenever felt necessary.

4. Earnest Money Deposit (EMD) / BID BOND:

4.1 EMD amounting to Rs. 1,20,000/- (Rupees One Lakhs only) in the form of Direct Electronic transfer to MDL's bank account (Annexure-3) or in the form of Bank Guarantee or SWIFT message of equivalent foreign currency for foreign bidders drawn in favor of MAZAGON DOCK SHIPBUILDERS LIMITED shall be forwarded to GM (M) / HOD (M) in sealed envelope super scribing Tender Enquiry No. and Due date, so as to reach us within 7 MDL working days from the tender closing date.

4.2 It is **mandatory** that the scanned image of proof of Electronic transfer with bank transaction (Annexure-3)/transfer reference / BG / Bid bond / SWIFT message shall be uploaded at Part-I tender stage. If the scanned image is not uploaded in Part-I stage, bid shall be rejected.

4.3 Bidder to note that the Direct Electronic transfer to be affected prior to tender opening date & time. The scanned image of proof of Electronic transfer shall reflect bank transaction/transfer reference. The amount of EMD shall reach MDL in its bank account within 7 MDL calendar days from the tender closing date under the same bank

transaction/transfer reference which is reflecting in the enclosed proof of Electronic transfer.

4.4 The bid bond / Bank Guarantee should be valid for 120 Days from the tender closing date. Either of these instruments should be drawn on reputed International / Nationalized bank / Scheduled Bank except Co-operative Bank payable at Mumbai.

4.5 Bidders to advise their bank/banker to send EMD directly to commercial department or through SWIFT to dispense with additional step of verification of authenticity of signatories. In case of EMD transmitted through SWIFT, it shall be the responsibility of the bidder that he directs the receiving banker to forward the message duly authenticated to the concerned commercial officer mentioned in the tender.

4.6 Bids without EMD/Bid Bond will not be considered.

4.8 EMD of unsuccessful bidders will be returned after finalization of the tender and shall be interest free.

MDL bank details for Direct Electronic transfer are given at Annexure – 3.

4.9 Exemption from submission of EMD/Bid Bond:

Following bidders shall be exempted from submission of EMD/Bid Bond;

- a) State & central Government of India departments, Public sector Undertakings.
- b) Firms registered with Mazagon Dock Limited (MDL) for the items for which the offer is being submitted. To qualify for EMD exemption, firms should necessarily upload VALID copy of the registration certificate issued by MDL in Part-I offer/bid. Firms in process of obtaining MDL registration will not be considered for EMD exemption.
- c) Firms registered with NSIC under its "Single Point Registration Scheme" (Exemption will apply only to items /services for which they are registered with NSIC). To qualify for EMD exemption, Firms should necessarily upload VALID copy of the registration certificate issued by NSIC in part-I offer / Bid. Firms in process of obtaining NSIC registration will not be considered for EMD exemption.
- d) Micro & Small enterprises with valid registration certificate from the competent authority regarding their Micro/small industry status.

5. Validity Period: -

Bids / Offers shall have the validity period of 120 days from the tender closing date. A bid valid for a shorter period will be liable for rejection.

6. Submission of offer online in Two Bid System: -

Offer must be uploaded in two parts through E-tendering system. Bidders are requested to log on to <https://eprocuremdl.nic.in> for submission of bids against above tender. Bids must be submitted in Two parts, i.e. Part-I (Techno-Commercial bid) and Part-II (Price Bid), as appearing on-line.

6.1. Part I Bid (Techno-Commercial bid)

- 6.1.1. Detailed Technical offer (as per scope of work) for technical scrutiny along with point-wise acceptance or offered specifications against required specification. Technical details, catalogues, drawings, data sheets, calculations, as applicable to be enclosed/attached in attachment provision given online.
- 6.1.2. Bidders to carefully fill all listed online forms providing their comments/ Acceptance/ deviations, if any, in the space provided online against respective clauses of Technical specifications, Tender terms & conditions, GT&C and STAC etc.
- 6.1.3. Pre-qualification documents as listed at Para 3 above.

- 6.1.4. Scanned image of On-line Remittance Form (**Annexure-3**).
- 6.1.5. Scanned images of details of prequalification documents (**Annexure – 5**).
- 6.1.6. Scanned copy of Bank details for payment of NEFT / RTGS (**Annexure-6**).
- 6.1.8. The scanned image of Annexure-3 (for on-line remittance to MDL account / BG towards Earnest Money Deposit (EMD) / BID BOND as stipulated in TEF clause no. 4 shall be uploaded. The original of the above BG towards Earnest Money Deposit (EMD) / BID BOND / SWIFT Message and shall be forwarded to GM (M) / HOD (M) in sealed envelope super scribing Tender Enquiry No. and Due date, so as to reach **within 7 days** from the tender closing date, addressed To,
- GM (M) / HOD (M)**
2nd FLOOR MOGUL HOUSE
SOUTH YARD
MAZAGON DOCK LTD.
DOCKYARD ROAD,
MUMBAI- 400010.

6.2. Part-II (Price Bid)

6.2.1. Indigenous bidders to quote in INR on door delivery basis.

6.2.2. Bidder to fill their prices online, strictly, in the online price bid form only. Prices & other charges (as listed in form) to be entered/filled in the applicable head/cell/columns only, as prices in wrong head/cell/column which are not applicable to you (bidder) will finally affect your (bidders) total landed cost & accordingly ranking. Wherever any charges from the listed charges are not applicable to bidder, then 'zero' to be entered in that respective head/cell/column.

6.2.3. In case of any discrepancy in the Blank Rate Schedule Format and actual On-line Price Bid after opening of the Price Bids, the details (Taxes, duties and any charges) mentioned in the On-line Price bid shall prevail over the details in blank rate schedule format.

6.3. Bidders in their own interest are requested to upload their bids well in advance of tender closing date to avoid the last minute difficulties in uploading the bids.

6.4. Problems in hardware/software, Internet connectivity, system configurations, Browser setting etc, for whatsoever reason shall not be considered for extension of tender closing date and time.

6.5. No Exemptions towards Excise duty, Custom duty, Octroi duty is applicable & hence no exemptions certificates will be issued.

7. Bid Rejection Criteria: -

7.1. Following bids shall be categorically rejected;

7.1.1. Bids received without uploading scanned images of EMD in the form of either Duly filled Annexure-3 for online remittance in MDL account/BG OR EMD exemption certificate, as applicable in Part-I technical bid.

7.1.2. Bidders not agreeing to provide assistance for installation, testing, commissioning and other technical activities of equipment supplied by them.

7.1.3. In case of e-tenders, if the date of issue of EMD (on-line remittance/BG) is later than the tender closing date.

7.2. Following bid rejection criteria shall also render the bids Liable for Rejection:

- 7.2.1.** Bidder's failure to submit sufficient or complete details for evaluation of the bids within the given period which may range in between two to three weeks depending on the deficiencies noticed in the drawings / technical data which shall not however conflict with validity period.
- 7.2.2.** Incomplete / misleading / ambiguous bids in the considered opinion of TNC.
- 7.2.3.** Bids with technical requirements and or terms not acceptable to MDL / Customers / External agency nominated as applicable.
- 7.2.4.** Bids received without pre-qualification documents where required as per the tender.
- 7.2.5.** Bids not meeting the pre-qualification parameters stipulated in the tender enquiry.
- 7.2.6.** Bidders not agreeing to supply spares (onboard spares, B & D spares) / post sale Product support / post work completion support.
- 7.2.7.** Wherever PVC is allowed as per Tender but the bidder(s) quoted fixed price or vice versa.
- 7.2.8.** High seas sales/ sales in transit.
- 7.2.9.** Unreasonably longer delivery period quoted by the firm.
- 7.2.10.** Validity period indicated by bidders is shorter than that specified in the tender enquiry.
- 7.2.11.** Bidders not agreeing to furnish required Security Deposit till validity as mentioned in the tender.
- 7.2.12.** Bidders not agreeing to furnish Performance Bank Guarantee for Equipment supplied / Services rendered or not agreeing for retention of equivalent amount by MDL up to the period till completion of contractual & Guarantee / Warranty obligations.
- 7.2.13.** In case of e-tenders, the original of the uploaded copy of EMD (BG) if received after seven days of the tender closing date.

8. Pricing: -

- 8.1** For Indigenous Bidder: Indigenous Bidder shall quote prices of all items / services listed in the price sheet format of the tender enquiry for delivery of the items in MDL store or designated place / completion of the work at MDL site. Prices quoted shall remain firm and fixed during the currency of the order / contract unless agreed otherwise by MDL.

9. Terms of Payment: - MDL does not pay any advance Payment for Indigenous and Overseas bidders.

- 9.1 For Indigenous Bidders :** 100% Payment as reduced by any deductibles and/or the amount leviable towards liquidated damages, if any may be payable through NEFT/ RTGS within 25-30 days of completion of scope of work and against submission of required documents in Triplicate including Delivery challan(s), Pre-dispatch inspection report if applicable and receipt inspection & acceptance report, Test reports / Certificates if applicable, Packing Lists, Invoice, Storage / Preservation / Maintenance Procedures & other Technical documentation in requisite sets as relevant and Work Completion

Certificate duly certified by an officer from the user department in the rank of CM or above.

Important Note for Indigenous Bidders:

If the site is not ready or installation/commissioning is not possible due to any reason attributable to MDL and as certified by an officer from the user department in the rank of CM or above, payment for the 75% of the supply value (Cost of Material with 100% Taxes), as reduced by any deductibles and/or the amount leviable towards liquidated damages, if any may be payable through NEFT/RTGS within 25-30 days after receipt of complete set of the items / Equipment, spares and against submission of documents in Triplicate including Delivery challan(s), Pre-dispatch inspection report if applicable and receipt inspection & acceptance report, Test reports / Certificates if applicable, Packing Lists, Invoice, Storage / Preservation / Maintenance Procedures & other Technical documentation in requisite sets as relevant.

Balance payment will be released after successful installation, commissioning, testing/trial, training and against work completion certificate duly certified by an officer in the rank of CM or above of the user department and submission & subsequent confirmation of performance bank guarantee for 10% of the total order value.

Note:

(1) Bidders shall furnish all the necessary details like name of the bank / branch, branch code No, bank account No in their bid as per the NEFT/RTGS format provided with the tender enquiry.

(2) Invoices should be submitted immediately within two to three MDL working days (preferably the invoices should accompany supply) after execution of the orders / expiry of contract. Thereafter any discrepancies/pending claims regarding payment or any other matter related to this order/contract should be brought to MDL's notice in writing within 30 days of otherwise final payment by MDL, beyond which no claims whatsoever will be entertained.

10. Guarantee / Warranty: -

The supplied items shall be warranted for satisfactory performance for the period of 12 months from the date of successful commissioning of item, as certified by MDL – User department.

During this period, defects if any shall be attended free of cost within 10 working days on being notified.

11. Delivery Period / Schedule: - Time is the essence of the contract. Supply, Installation & Commissioning to be completed **within 03 months** from the date of placement of order.

Delivery Term:

(1) **Supply:** For Indigenous bidder: Door Delivery/FOR, MDL GRS Stores.

(2) **Installation, Commissioning & Training: -**
For Indigenous & Overseas Bidders: At MDL site.

12. Inspection & Testing:**12.1** Inspection at vendor's works is divided in FOUR stages;

- i. **Stage-1:** Structural (chassis) and Pump testing at manufacturer's works.
- ii. **Stage-2:** Inspection of water tank after sand blasting, prior to paint application and inspection of foam tank.
- iii. **Stage-3:** On completion of fixing water tank, foam tank & fire pump on vehicle.
- iv. **Stage-4:** Overall final inspection and trial of pump and its accessories with water and with foam liquid and drive test of vehicle on road before acceptance

12.2 Receipt Inspection.

MDL shall carry out necessary inspection of the items on receipt in the MDL on the basis of appropriate MDL Inspection system requirements & the Inspection documents submitted by suppliers. Any objection raised by MDL inspection team against quality of material or workmanship shall be satisfactorily corrected by the supplier at his expenses including replacement as may be required within shortest possible time within 30 days. Items damaged during transit shall also be rectified or replaced by the supplier within shortest possible time.

12.3 Rejection of the material: Any portion of the equipment found defective/rejected, the supplier shall collect the same at his cost from the MDL Yard, all incidental charges being born by supplier, (inclusive of custom duty, if payable), within 30 days from the date of intimation to the supplier of such rejection. The MDL reserves the rights to dispose off the rejected item at the end of a total period of 90 days in any manner, to the best advantage to the MDL & recover storage charges & any consequential damages, from sale proceeds of such disposal.

13. Security Deposit (SD): The successful bidder shall have to submit Security Deposit for an amount of 5% of Total Order value (for PO value more than 10 Lakhs) excluding taxes, duties, freight etc. in the form of DD/ Pay Order / Bank Guarantee from a reputed Nationalized / Scheduled Bank excluding cooperative bank within 25 days from the date of Contract. No interest will be paid on Security Deposit.

Please note that MDL does not extend any concession such as exemption in payment of Security Deposit etc. to any organization irrespective of their status like registration with MDL, NSIC, SSI, and MSME etc.

PSU can submit Indemnity Bond in lieu of Security Deposit.

If order is fully executed (Complete scope including installation, STW trials, Commissioning, Training etc if any) within 25 days from the date of purchase order, submission of security deposit is not applicable

In case of failure to submit Security Deposit within 25 days from the date of order placement, EMD submitted will be encashed and risk purchase clause would be invoked.

Bidders may advise their bank/banker to send BG directly to commercial department or through SWIFT to dispense with additional step of verification of authenticity of signatories. In case of BG transmitted through SWIFT, it shall be the responsibility of the bidder that he

directs the receiving banker to forward the message duly authenticated to the concerned commercial officer mentioned in the tender.

The Security Deposit will be returned only after successful execution of the order and shall be interest free. In the event of failure to execute the order satisfactorily, the Security Deposit will be encashed by MDL.

Interest on the delayed period of submission beyond stipulated period will be recovered at the rate of interest SLR plus 2% for indigenous bidder & EUROBOR/LIBOR plus 2% for Foreign bidder.

14. Performance Bank Guarantee (PBG):

The Successful bidders will have to submit PBG in the prescribed format for 10% of the Contract/Order value excluding taxes, duties, freight, service component, etc., valid for 13 months (Guarantee 12 months + 1 month claim period) from the date of commissioning or offer your consent to MDL for retention of 10 % of order value towards PBG.

15. Liquidated Damages: -

Time is an essence of the contract therefore the job, as ordered, should be completed on the dates mutually agreed upon in accordance with the delivery schedule. In cases of delay not attributable to Purchaser beyond the agreed schedule, the Vendor / Contractor shall pay liquidated damages, a sum representing 0.5% (Half per cent) per week or part thereof of the order value, subject to maximum of 5% of the order value.

Vendor / Contractor (Seller) will also be liable to pay Liquidated Damages for late delivery of Manuals, Drawings and Documentation as agreed to by Purchaser and Vendor / Contractor (Seller) and as stated in the Purchase Order.

Date of successful completion of entire scope as mentioned in tender/order (including, supply, installation, testing & commissioning) shall be considered as date of delivery for purpose of levy of liquidated damages unless specifically mentioned otherwise. In case of any delay attributable to MDL as certified by the officer in the rank of Chief Manager and above from the concerned department, such period will not be considered for the purpose of levy of liquidated damages.

MDL may consider at its own discretion for the part levying of LD on quantity wise and/or item wise basis. Item wise delivery date indicated in the order is contractual date for completion of entire scope of supply of the item. Request for part levying of LD on activity basis (i.e. Supply, installation, testing and commissioning & training if any) shall not be considered.

16. Hindrance Register

All hindrances with date of occurrences and removal shall be noted in the Hindrance Register. The Hindrance Register shall be signed by the reps of both MDL as well as Contractor. Executive in the rank of Chief Manager and above shall be the nodal executive of the User Department.

17. Taxes & Duties: -

17.1 Bidders must indicate the nature of taxes & duties applicable for the work and quote the amounts of Taxes and Duties as applicable separately as shown in the online Part-II price bid format. The items/service-wise rates quoted in the Rate sheet should exclude Taxes and Duties. Bidder should indicate Taxes and Duties as applicable separately under each of the head in the same Rate sheet, which will be paid extra.

17.2. For Indigenous Bidders: - The rate sheet to be enclosed with the tender will indicate the rates under each tax head viz.:

- (a) Excise Duty.
- (b) Education Cess, if included.
- (c) Central Sales Tax. (CST)
- (d) Value Added Tax. (VAT)
- (e) Octroi duty.
- (f) Taxes on Commissioning/Installation charges.
- (g) Any other Taxes/Duties/Levies.

Implementation of GST : In case vehicle is delivered after implementation of GST, applicable GST rate shall be paid in place of quoted taxes; however benefit of price reduction due to change in tax, if any, shall be passed on to the MDL.

17.3. Only those bidders who indicate the taxes & duties separately as above shall be entitled for consideration of change in corresponding rates in case of variation in statutory levies.

17.4. Supplier / Bidder will not be entitled to any increase in rate of taxes occurring during the period of extended delivery schedule if there is delay in supply / completion attributed to him. However, if there is a decrease in taxes, the same must be passed on to MDL.

17.5. Wherever all inclusive prices are quoted by the bidders without bifurcation of tax elements, no escalation can be considered in respect of any variations in statutory levies arising subsequently because of the absence of the required base figures in the purchase order / contract.

17.6. "C" Form w.r.t. Sales Tax will be given by us for Purchase of these items against this tender. 17.7. No Exemptions towards Excise duty, Custom duty, Octroi duty is applicable & hence no exemptions certificates will be issued.

18. Loading Criteria: -

Deviations sought by the bidder in respect of Freight, Insurance, Payment terms & delivery period shall be loaded on the bidder/s quoted prices during price evaluation by MDL. An illustration of the loading criteria that will be adopted is at Annexure-4. Among the equal bids, bidders with ISO 9000 series accreditation over non-ISO bidders, firstly Manufacturers then their authorized dealers will be given preference.

18.1. It is desirable that the bidder accepts the Payment Terms indicated in tender. Varied payment terms quoted by bidders as compared to the terms stated in the Tender document shall be normalized by applying S.B.I. Prime Lending Rate (prevailing at the time of opening of Price bid) plus 2% p.a. rate of interest for the period at variation. (For Indigenous bidder) & for overseas bidder the bids will be normalized at LIBOR/EURIBOR rate plus 2% or 6% whichever is higher for ranking of the bids.

18.2. Delivery of the goods at MDL premises should be the responsibility of the vendor. However, for unavoidable reasons, if bids are exclusive of transport and/or insurance, the same will be loaded at the cost to be incurred by MDL.

18.3. For the additional delivery period sought by the bidder over the stipulated date of delivery as per Tender, 0.50% per completed week will be loaded to the quoted price.

18.4. Deviations sought in respect of Liquidated Damages (L D) Deviations sought in respect of rate per week and / or maximum ceiling in respect of liquidated damages shall be loaded to the quoted price. For e.g.. The maximum ceiling towards liquidated damages speculated in the tender is 5% and the bidder seeks to limit it to, say 3.5% then the price quoted will be loaded by 1.5%. If the rate of L.D per week is 0.5% per week or part thereof as per tender and the bidder seeks it as, say, 0.4% per week or part thereof, the maximum ceiling on L D as per tender will first be equated to weeks (10 weeks in this case) and the rate proposed by the bidder ie 0.4% will be multiplied by the so equated maximum Period (which works out to 4%) and the quoted price will be loaded accordingly by 1%. Delivery being the essence of the contract, it is desirable if the bidder/s adhere to the stipulated clause.

18.5. Deviations in respect of the period of Warranty shall be loaded to the quoted price @ 0.25% per month or part thereof. This does not arise if the bidder quotes additional price for the differential period.

19. Ranking of bids & Determination of L1 Bidder:

Overall Lowest (L1) bidder shall be considered for placement of order. Ranking of price bids shall be done on the basis of "all inclusive of taxes, duties and levies".

If any variations in statutory levies, the break up in respect of taxes, duties and levies is clearly and separately furnished in the bid and the MDL is satisfied that the rates of taxes, duties & levies indicated therein are in line with the tax law: so that escalation due to variation in the taxes, duties & levies can be justifiably considered to the extent legitimately allowable on the base amount(s) indicated in the bid. Therefore bidder is requested to show the break up regarding taxes, duties & levies as applicable in the bid.

NOTE: -

(1) Techno-Commercially Qualified **Overall Lowest Bidder (L1)** will be considered for the placement of order. On-line ranking visible to the bidders after opening part II price bid is without loading parameters. However the L1 bidder will be evaluated offline by applying all applicable loading parameters as mentioned in the tender document.

(2) In case of any discrepancy in the Blank Rate Schedule Format and actual On-line Price Bid after opening of the Price Bids, the details (Taxes, duties and any charges) mentioned in the On-line Price bids shall prevail over the details in blank rate schedule format.

20. Consignee: The Successful bidder/s shall arrange dispatch of goods by appropriate Rail / Road / Sea / Air transport mode as per the order to MDL Dockyard Road yard through GRS on working days (Monday to Friday) between 8.00 hrs to 15.00 hrs (Lunch Time 11.30 to 12.00 hrs) . In case truck/tempo reaches our yard beyond above time the same may be retained over night at your risk & cost. Unloading and stacking the receipt store shall be to bidders account.

An advance copy of invoices along with other relevant documents shall be forwarded to the purchaser sufficiently in advance to enable clearance of cargo within allowed demurrage free days to avoid demurrage. In case of door delivery orders, the supplier shall categorically direct the transporter to deliver the ordered items without insisting for consignee copy of the Lorry Receipt.

21. Modifications to the Bids: - Bidders desirous of submitting modified bids prior to the closing date & time may do so by submitting revised bid online not later than the deadline for submission of bids. Please note that modified bids shall be submitted through e-Procurement system only.

22.The contract will be governed by STACS and General Terms and conditions while executing work. In case of discrepancy, clauses mentioned in Tender, Technical Scope and Rate sheet will override the clauses mentioned in other annexure including STACS & GT&C.

23.Assistance for Installation, Testing, Commissioning, Maintenance & other Technical activities:

1. Services of engineers/Manpower in connection with assistance of delivery, loading/unloading, installation, setting-in-work, testing, tuning, commissioning, training to be considered in the scope of supply.

2. All machinery, equipments, crane, Oxygen/other fuel gas for cutting, fork lift, welding, Tools & Tackles, accessories, spares, Chemicals, consumables, Special tools, Fixtures and tackles, Workshop and fabrication shop, Calibration facility, Local transportation and Internal Transportation, storage & preservation materials, Ist fill of Oil, lubricants, grease & other resources etc. required for Installation, commissioning work to be arranged by contractor. Space, water, compressed air, Power will be provided by MDL.

3. The entire maintenance / repair job shall be carried out by experienced service engineers & technicians. The supply of all necessary tools, tackles and instruments required for the preventive and breakdown maintenance of the equipment covered by this contract shall be in contractor's scope. No sub-contracting will be allowed.

24.Spares / Post sale product support:

1. The Bidder shall assure a continuous supply of spare parts for at least 10 years from the date of commissioning of the machine at MDL.

2. List of Service centers & Setup details to be provided.

3. Standard accessories required for making item/equipment/machine operational & ready to use should be included in the scope of supply.

4. All defective parts / spares can either be repaired or replaced by new parts. Spares replaced will be either of same make or equivalent as suggested by the OEM after consultation with MDL. However, the total responsibility of the quality of spares supplied or parts repaired, shall be with the Contractor.

5. If any defective part/item/equipment required to be taken out to the service center by the firm for the further repairing, the firm shall be asked to submit the necessary indemnity bond/BG as required. Taking out defective part/item/equipment from MDL and bringing back repaired part/ item/ equipment to MDL is in the firm's scope of work. The firm has to bear all the transportation charges & transit insurance.

25. Public Grievance Cell: - A Public Grievance Cell headed by General Manager (F-CA) has been set up in the Company. Members of public having complaints or grievances are advised to contact him on Wednesday between 10.00 hours and 12.30 hours in his office or send their complaints / grievances to him in writing for redressal. His Telephone No. is 022-23762121/23759793.

26. Instructions to the Bidders:

26.1 In case of any clarifications, bidders are requested to contact the undersigned, Mr. Ajay Kumar Shukla, CM(C-MP) Tel: 022-2376 3256 before the closing date of the tender. Bidders can also contact toll-free customer help line of e-procurement portal <http://eprocaremdl.nic.in>.

26.2 User guide is available on the home page of the above-referred web site. In addition it has 24x7 Customer Help Desk no. +91 120 4200462 / 4001002.

26.3 Bidders intending to witness the Tender opening shall log on to <http://eprocuremdl.nic.in> using digital signatures for witnessing the opening.

27. Bidders can participate in online bidding;

- By registering with above referred portal for User ID and password.
- By obtaining class III DSC (Digital Signature Certificate) for secured bidding

28. Contact Person: For any Technical clarification or wish to visit site – Please Contact Mr. R P Singh CM (Fire) on Phone no 022 - 2376 4455.

For any further details regarding e-tendering & digital signatures, please contact, Mr. MS Kumbhare, DGM (Material Purchase) 022- 2376 3250.

29. We look forward to your participation in on-line bidding by offering your most competitive and reasonable bid against this tender.

Yours faithfully,
For MAZAGON DOCKSHIPBUILDERS LIMITED,

AJAY KUMAR SHUKLA
CHIEF MANAGER (C-MP)

Annexures:

| | | | | |
|----------|---|---|---|--|
| Annexure | - | 1 | : | Technical specifications & Scope of Supply and commissioning of Fire Tender. |
| Annexure | - | 2 | : | Illustrative Rate Sheet |
| Annexure | - | 3 | : | MDL Bank Account Details for On-line Remittance |
| Annexure | - | 4 | : | Loading Factor |
| Annexure | - | 5 | : | Details of Pre-qualification Documents |
| Annexure | - | 6 | : | NEFT/RTGS Detail of vendor |
| Annexure | - | 7 | : | L/C Format |

The following Annexure to be down loaded from our website (www.mazagondock.gov.in) under heading 'Tender' > Shipbuilding > **"Enclosures Related to Tender Documents from Material Purchase Dept":-**

- (1) Proforma/Bank Guarantee Format for EMD, SD & PBG
- (2) Statutory requirements, Official Secret Act 1923 & Safety clause.
- (3) Standard Terms & Conditions (STACS)
- (4) General Terms & Conditions (GT&C)
- (6) Shipping Instruction for Sea & Air Consignments

Annexure-1**TECHNICAL SPECIFICATION & SCOPE OF WORK FOR WATER TENDER**

1.SCOPE: The requirements regarding material, design, construction, workman ship and finish Accessories and equipment of water tender for fire brigade use.
The appliances shall incorporate;

a) "FIRE FLY" FIRE FIGHTING PUMP (VEHICLE MOUNTING) MFV-MP-1020 OR EQUIVALENT

Type Single Stage, Centrifugal, Closed type, dynamically Balanced Low pressure impeller and Regenerative High pressure impeller Both impellers are mounted on single stainless steel shaft with Fire Fly make Foam Inductor RTP-120(120 lpm capacity).

- Rated Capacity: 2000 lpm @ 10bar at low pressure and 2250 lpm @ 07 bar. 300 lpm @ 35 bar at High pressure mode E-PRIMATIC Reciprocating priming system with PLC Control panel with "Endura" series.
- Pump Rotation: CCW while looking from pump suction end
- Suction: 100 MM

b) Stainless Steel (SS 316 L grade) water tank of 5000 ltrs. Capacity,

c) Stainless steel foam tank of 750 Ltrs capacity.

2. GENERAL REQUIREMENT: -

The Water tender will be fabricated on TATA LPT 1613 / 42 MM WB chassis BS IV with Power steering.

2.1 The appliance shall incorporate a "Fire Fly" fire pump(brass material) of 2000 lpm @ 10bar at low Pressure & 300 lpm @ 35 bar at High pressure with fully Automatic Reciprocating Priming system and a water tank of 5000-liter, 750 ltr foam tank capacity on the chassis. It shall carry an extension ladder. Arrangement for towing a trailer pump / any other vehicle to be made.

2.2 The Water tender shall be fabricated in a manner so as to conform to the following characteristics:

- a) The appliances shall be capable of being started from rest on a gradient of 1 in 4.
- b) When travelling at 48 KM / hr. on a level dry surface the foot brake shall be capable of stopping the vehicles within a distance of 15 mtr. from the point at which the brake is applied. The handbrake shall be capable of holding the fully laden appliance of a dry surface gradient of 1in 4 when in neutral gear.

2.3 The fire pump shall be capable of delivering not less than 2000 lpm @ 10bar at low pressure & 300 lpm @ 35 bar at High pressure through a combination of monitor and side lines.

2.4 A hose reel service shall be provided on the appliance in addition water carried on it, it should also be possible to use water from a external hydrant or water supply.

2.5 The space & arrangements for stowing firmly 04 No. Portable fire extinguishers (4.5 kg CO2) 02 No DCP (5 Kg) shall be provided at right side of the tender body provision for storage of fire extinguishers/equipments at rear right side corner).

2.6. The unit shall be designed to be as compact as possible, compatible with case of accessibility

to all service parts. The pump and equipment's controls shall be so arranged that one man can operate from the pump control panel.

2.7. Lever type valve controls shall be provided as indicated in Para 18.

3. MATERIALS SELECTION AND TREATMENT.

3.1 All parts/materials which, exposed to water/weather/atmosphere shall be corrosion resisting material confirmed to IS and Industry Standard.

All fastener/Nut bolts should be of stainless steel.

3.2 **Ferrous metal shall not be used** for chromium-plated fittings and the plating of all such fitting shall be of proper quality.

3.3 Lubricating nipple shall be provided wherever necessary.

DESIGN AND CONSTRUCTION

4. ENGINE

4.1 The engine shall be provided with cooling system to permit its continuous stationary running without overheating. Indirect cooling system shall be incorporated, which shall be of the open circuit type discharging water to the waste.

5. PUMP:

The Pump capacity will be minimum 2000 lpm @ 10bar at low pressure & 300 lpm @ 35 bar at High pressure. The suction inlet will be 100 mm round threaded type and 2x63 mm delivery outlets and 1x38 mm delivery outlet with female instantaneous coupling with screw down valves. Pump will be "CE Marked" confirming to EN 1028.

The Pump will be rear mounted for ensuring maximum hydraulic efficiency when working from open source of water.

5.1. PUMP INSPECTION: Inspection and tests/trials of the pump for 4 non stop hrs will be carried out by by the **representatives of MDL at pump manufacturer's factory.**

5.2 PUMP TEST: I) After installation of fire pump on mounting of fire tenders the pump will be tested **before MDL Representative** for a period of four non stop hours delivering the rated output with a suction lift of 3.0 meters. The pump shall also be inspected & tested for Hydraulically Test.

II) **Dry Vacuum Test. Deep Lift Test carried by MDL reps during Final Testing at Vendor Factory**

5.3 PUMP & CONTROL PANEL : The fire pump and PLC Control panel should be installed and covered by 'MCD' Make /brand shutter type window in such a way that it should not cover the foot rest at rear side i.e the rear standing accommodation for crew should be free from any obstruction.

6. PRIMER:

6.1 Fully Automatic Reciprocating system should be provided, and shall be capable of lifting water from 7M depth at the rate of 30 cm/sec.

IN ADDITION

- 6.1.2 ALTERNATE PRIMING SYSTEM : In addition to the Fully Automatic Reciprocating priming system, the body builder should make the provision of EXHAUST GAS EJECTOR PRIMING SYSTEM.
7. COOLING SYSTEM: Indirect cooling system of open circuit type consisting of special heat exchanger will be provided to the vehicle to enable full power output to be maintained during pumping duty without overheating and hot water is discharged to waste.
8. POWER TAKE-OFF: A PTO assembly of "**FIRE HAWK**" Make with increasing ratio of 1:1.27 capable of transmitting full torque will be provided. The PTO will have in-built cooling system. Means shall be provided to determine oil level. PTO unit shall be capable of transmitting adequate power to pump.
- 8.1 PTO Mounting:
Rolling and pitching of the chassis (Chassis Flexion) while the vehicle is in motion is taken care of and there is no chance of PTO miss aligning it self when the vehicle is coping with a cross-country track.
- 8.1.1 One manual PTO control lever is to be provided near the driver's seat to enable easy lifting of lever. A locking device will be provided to this lever.

WATER TANK

- 9.1. CAPACITY: A stainless steel (SS 316 L grade) water tank of 5000 litres capacity will be mounted on the chasis in such a manner that proper load distribution is achieved on the axles. Argon gas welding method shall be used for welding to fabricate water tank and all other stainless steel parts/components.
- 9.2 SHAPE & DESIGN: The shape of the tank will be semi elliptical at the bottom so that full contents of water will flow to the pump. The tanks will have convex head to provide sufficient strength to the top of the tank. Water tank should be such that the top portion should be clearly to access repair / maintenance.
- 9.3 DIMENSIONS & STRUCTURE : The tank will be fabricated out of 5 mm (at bottom) & 4 mm thick stainless steel through out (including baffles). Three baffle plates (Surge plates) will be provided to prevent surge of water when vehicle is in motion, accelerating, braking or cornering . The baffles will have a clear passage of 600 mm. dia so as to allow through passage of a person in all the compartment for routine maintenance purpose.
- 9.4 TWO MAN HOLE ENTRY. Detachable TWO man holes of elliptical opening 690 x 480mm dia will be fitted on top of the tank with quick opening lid.
- 10 FOAM COMPOUND TANK:
- 10.1 Foam compound tank is made of stainless steel grade 316 L. The tank capacity is 750 ltr. The tank has two out lets, one is drain the tank and the other feeds the main fire pump to the out let hydrants to conduct through hose. Argon gas welding method shall be used for welding all stain less steel parts. Contractor shall submit details of the same before fabrication. Stain less steel pipes/valves/fittings etc. Stain less steel drain valve and removable sump of suitable arrangements for trapping sludge.
- 10.2 Above mentioned stainless steel male threaded opening of 100 mm with stainless steel

female threaded 100 mm blank cap is provided on top of the foam tank . It is essential that rubber sealing washer provided in the blank cap is in position to make it air tight.

10.3 A venting valve on top of the tank adjacent to blank cap is to be provided. It is essential to vent out air while filling foam . Whenever foam is used, the vent valve is to be in "open position" and other times in closed position for easy flow of liquid foam.

10.4 PICKUP TUBE: External connection with detachable pick up tube assembly at control panel should be made so as to foam liquid is inducted into the pump assembly.

11 HYDRANT CONNECTION FOR WATER TANK FILLING: One hydrant connection 63 mm dia will be provided for filling the tank from outside pressure source. This Connection will be fitted with 63 mm dia instantaneous male (IS-901/1988) coupling along with a NRV, will be provided at the rear end for filling the water tank from outside water source.

12 MONITOR ON TOP: (Eikhart USA make Vulcan Water monitor with smooth bore tip, Model No – 8500 – 2): One water monitor of 1200 LPM capacity will be provided on top of the tender in such manner that it can be operated manually by a member of fire crew. The monitor will be capable of traversing through 360 degree in a horizontal plane. Elevating from horizontal to 45 degree and depressing from horizontal to not less than 15 degree and will be capable of projecting the water discharge to an effective distance of not less than 45 meters in still air when operated at 9 kg/cm² pressure. Aggregate foam discharge shall not be less than 16800 lpm through combination of monitor and two sidelines or 11200 lpm through monitor alone, inlet size 3 inch, out let size 2.5 inch.

13. HIGH PRESSURE HOSE REEL: One number hose reels of 30 meters x 38mm diameters braided plastic hose of "Duplon" make/brand with NXT – 200 high pressure Gun made of light Alloy having discharge 125 – 150 lpm at back side above water pump .The base of the high pressure hose reel should be sufficiently strengthen to take water and rough use. The working pressure of the hose should be 40 bar.

14 DRAIN CONNECTION : One tank drain connection of 63 mm dia will be provided with quick action lever type ball valve fitted with drain plug an overflow pipe of 100 mm dia will be provided so as to allow the discharge to taken away from the wheels. care will taken that water is discharged only while refilling the tank at there will be no spillage while the vehicle in the motion or cornering or breaking .

15 RAIN WATER DRAIN : Rain water / water from washing on the tank top should be drained easily through drain pipe. The tank top should be designed so that no water stagnated on the aluminum sheet.

16 INSTALLATION : The gravity of the tank will be kept as low as possible (within the limit specified by the chassis manufacturer) for greater stability of the vehicle. The tank will be secured to the chassis by means of 5/8" dia "U" bolts with aluminum packing block. Ballata (Anti cheff) packing will be provided between chassis and the tank mountings.

17 LIFTING ARRANGEMENTS : The entire tank will be separate and distinct assembly which can be removed off separately for repair work by means of two lifting lugs provided on top of the tank .

18. Clause deleted.

19 VALVES & LEVER SYSTEM IN THE CONTROL PANEL:

The valve will be fitted in the system/pipes. The **operating lever for the below mentioned valves** to be installed on the control panel at rear side. The valve and lever to be provided in such a way that system operates smoothly for operations and maintenance. The below mentioned valves will be provided with operating levers as shown in diagram for reference.

PROVIDED:

1. Hydrant to Tank – NRV
2. Hydrant to first aid hose Reel
3. Tank to Pump
4. Pump to high pressure hose reels both side (port & stbd)
5. Pump to Monitor
6. Pump to engine cooling
7. Pump to first aid hose reel
8. Foam proportion valve with operating lever – (engraved with off, ¼, 1/2 and 1 on electro plated stainless steel sheet attached.
9. Auxiliary foam connection
10. Foam tank to pump
11. Pump to primer
12. Engine throttle control
13. Discharge pressure gauge
14. Compound gauge

20 WATER TANK INDICATOR: Water level toughened glass indicator will be provided near the pump control panel to the tank along with an isolating cock, such that water level will be clear visible during night also.

CONSTRUCTION:

21. STRUCTURE AND PANELING: The complete structure will be fabricated from 16 SWG MS pressed section duly treated for anti corrosion. The interior panelling will be done from 18 SWG aluminum sheets and the exterior panelling will be done from 18 SWG aluminum sheets.

The entire roof of the vehicle, entire rear, cabin floor and sides locker floor and sides will be covered with aluminium chard plates. The complete super structure be constructed of good quality aluminium section made by Hindalco, NALCO, BALCO etc.

22. BODY WORK AND STOWAGE:

- 22.1 There should be a provision, to hung/place a 10-liter water cane for crew personnel.
- 22.2 Grab rails and non-slip steps shall be of Stainless steel & will be provided wherever necessary.

23. LOCKERS: Lockers on both sides of the body will be provided for the storage of equipment. The floor and all internal sides of the lockers will be covered with aluminum chequered plate and will have sufficient protective edge to avoid gears falling out accidentally. Stowage of 4 nos BA sets in big locker (at rear end right side big locker) 2X2" sets of Velcro in each rack for securing BA sets.

23.1 Lockers Shutters. Lockers will have heavy duty "MCD" make/brand shutters.

23.2 **In driver Cabin:** Seating arrangement for 5 fire fighters with back rest with good quality of cushion in driver's cabin be made and arrangement in side it to stowage of two batteries and fire equipments. Ventilation holes (with wire nets to avoid entry of insects) to be made below the seating arrangement.

Installation of one first aid box of stainless steel at suitable place in the cabin.

23.3 **Locker Behind Driver Cabin :-** Separate locker space provided both sides with MCD Make Shutters be provided between driver cabin and water tank to keep 10 nos steel boxes which containing Nomex fire fighting suits(suit, helmet and shoes).

24 **WATER TIGHTNESS:** All lockers and cabin will be tested for water tightness. All the doors will be sealed by means of rubber bidding.

25 **FIXED LADDERS:** Fixed ladders of heavy duty stainless steel be provided both side (rear side) of the tender to reach tank top.

26 **STANDING SPACE FOR CREW WHILE ON MOVE:** Standing space will be provided rear side of the tender for firemen with the width of 430mm A strong grab rails and support at the rear side of the vehicle. The grab/hand rail should of 38mm diameter and should be gripped / fixed from out sides of the body with S.S material, to provide more strength.

27 **PORTABLE LADDER :** A 35 feet alloy aluminium ladder with ladder gallows should be mounted on top of the tank (4571-1977).

28 **LADDERS GALLOWES:** Gallows to carry 10.5 Mts (35 feet) aluminium extension ladder will be provided with rollers so that it can be operated easily and instantly by one man. Arrangement will be made for locking the ladder when stowed.

29 **FIRE BELL:** Hand operated 250mm fire bell chromium plated to be fitted at suitable place at rear end of the vehicle, IS 928-1984

30 **ELECTRICAL EQUIPMENT:** Adequate lighting arrangement will be made in all compartments. All equipment lockers will have internal lighting arrangement automatically switched on and off by opening/closing of doors. The entire wiring will be of concealed type. All light fittings at the rear shall be suitably protected by expanded metal to prevent damage due to movement of the crew.

All important electrical circuit shall have separate fuses, which shall be grouped into a common fuse box located in accessible position in the driver's cabin and fitted with means of carrying spare fuses.

The wiring shall be single pole and shall not be exposed to the atmosphere. Conduits shall be used wherever necessary with under mentioned fittings.

30.1 An emergency light bar suitable for fire fighting vehicle shall be provided above the driver cabin. The light bar shall include two segments of amber coloured rotating/ flashing LED lights with halogen bulbs and a powerful electronic wailing siren of out put not less than 20 watts. The make of this light bar shall be 'GRAND' manufactured by M/s. IJB Electronic, New Delhi or equivalent.

In addition the following be provided ;

- a. Reverse Camera
- b. Fog Lamps
- c. Reversing light

- d. Blinker type trafficators on the rear & front side
 e. Wind screen wiper
 f. Dash board along with 3 pins plug point : 02 Nos
 Connected with battery back up & other etc.
 g. Walki Talki GP 338 TWO nos with 01 charger each, and Motorola set GM 300 ONE
 no be provided and installed in driver's cabin.
31. TWO TONE HOOTER WITH PUBLIC ADDRESS SYSTEM:
 Battery operated two tone hooters with P.A. System including of amplifier, loud speaker and
 mike will be fitted inside the driver's cabin in front of officers seat. Amplifier and microphone
 will be fixed type in front officer's seat. Loud speaker will be mounted on the roof of the
 appliance. (Ahuja)
32. TRICAL CHARGER Trickle charger having : 01 No, capacity of 250 volts having capacity to
 charge 12 V battery along with pilot lamp to indicate whether the battery is being charged.
 This is required to be fitted at appropriate location on the water tender.
33. Additional Spares of fire pump in addition to Normal Spares come along with fire pump:
- i. Mechanical Seal :02 No.
 - ii. Suction Ring :02 No.
 - iii. Impeller Ring :02 No.
 - iv. Impeller-Primer :02 No.
 - v. Threaded couplings female (brass) for hydrant valve - 4x 63 mm, 2x 38 mm
 - vi. 20 Nos fire hose (Nova dura) of 38 mm X 15 Mtrs dia with 63 mm male & female
 couplings.
 - vii. 02 Nos double male adaptors and 02 nos double female adaptors (Brass) of 63 mm dia.
 - viii. 02 Nos male to female adaptors (Brass) of 63 mm dia.
 - ix. 02 Nos male to female adaptors (Brass) of 63mm x 38 mm dia.
 - x. 04 Nos Akron make, Assault Nozzle spray/jet 63 mm dia, discharge @ 750 ltrs per
 minute.
 - xi. 04 Nos Akron make, Quick attach foam tube style 777 assault foam gun(accessories
 to assault nozzles, serial (x) above of para 33).
 - xii. 01 No battery charger with accessories to charge the batteries of fire tender.
34. **Supply of standard fire tender fire fighting Accessories/Appliances and in addition
 followings;**
- a) Plastic (Green colour) braided heavy duty suction hose of 100 mm dia, length 10
 mtrs with male and female couplings of brass material.
 - b) Suction strainer of brass with 100 mm female coupling.
 - c) Basket strainers - Two numbers
35. PAINTING: The appliance will be spray painted in 'POST OFFICE RED' with
 Monogram and letterings in gold on both sides of the appliances.
36. MARKING : Each appliance shall be clearly and permanently marked with the following
 information - **Bilingual (HINDI & ENGLISH)**

MAZAGON DOCK SHIPBUILDERS FIRE SERVICE

on either side of the body.

37 IMPORTANT ASPECTS TO THE VENDOR:

- 37.1 Drawing shall be approved by MDL FIRE DEPT before fabrication of the Water tender
- 37.2 Necessary arrangement for road tax, transit insurance, interstate permit taxes etc are to be arranged by the fabricator.
- 37.3 There shall be FOUR inspections.
- Structural (chasis) and Pump testing. (1st stage) at manufactures lab.
 - Inspection of water tank after sand blasting, prior to paint application and inspection of foam tank.
 - On completion of fixing water tank, foam tank & fire pump on vehicle.
 - Overall final inspection and trial of pump and its accessories with water and with foam liquid and drive test of vehicle on road before acceptance.
- 37.4 Inspection shall be carried out by chief manager & above (user dept) of representatives of MDL Intimation giving 15 days advance notice about readiness may be sent to the MDL address.
- 37.5 The Contractor shall get the water tender permanent Registration with RTO Central Zone, Tardeo, Mumbai with the tender cost. Insurance required under RTO Regulation for the water fire tender for at least one year after commissioning of fire tender.**
- 37.6 General arrangement drawing including details of water tank and foam tank
- 37.7 Flow line diagram with details of pipes and valves, wiring diagram .
- 37.8 Load distribution & Monitor diagram
- 37.9 Operating manual of vehicle to be submitted
- 37.10 Two manuals of fire pump with enlarged drawings. to be submitted
- 37.11 List of entire spare part along with part no for fire pump to be submitted
- 37.12 During handing over the vehicle to user department, demonstration/ operation of fire Tender and its appliances/ systems and training to MDL fire fighters.
- 37.13 **Guarantee:** 12 Months from the date of commissioning of all systems.
- 37.14 Other terms and conditions as prescribed by the MDL, Mumbai.
- 37.15 All relevant standard for fire tender should be followed by the vendor.

Annexure-2**ILLUSTRATIVE RATE SHEET**

| Schedule. | Description | Qty | Unit | Unit Rate (In Rs.) | App Tax | Total |
|------------------|---|------------|-------------|-------------------------------|--------------------|--------------|
| A | B | C | D | E | F | $G=(E+F)XC$ |
| 1 | Design, Supply, Installation & commissioning of 01 nos Water cum foam fire tender with fire pump as per specification & scope of work at Annexure-1 | 01 | Set | | | |
| Grand Total | | | | | | |

Note:

1. Above rate-sheet is for illustration purpose. Bidder has to quote as per rate-sheet available on-line on e-procurement portal.
2. Overall L1 bidder (inclusive of taxes & duties) will be considered for placement for order. Pls refer ranking of bids criteria for detail. In Ranking of bids clause, supply means Design, engineering, supply of equipments + installation & commissioning or any other charges included.
3. Pls refer the Scope of work before quoting for line items.

Annexure-3

MAZAGON DOCK SHIPBUILDERS LTD

DOCKYARD ROAD

MUMBAI 400010

1. MDL'S BANK ACCOUNT DETAILS:NAME OF BANK A/C HOLDER: **MAZAGON DOCK SHIPBUILDERS LTD**BANK AND BRANCH : **STATE BANK OF INDIA, MAZAGON BRANCH, MUMBAI**BANK ACCOUNT NO : **10005255246**IFSC CODE : **SBIN0009054****2. DETAILS OF REMITTANCE TO MDL'S BANK ACCOUNT:**

(To be filled in by the vendors/firms making remittance of funds in MDL'S Bank Account)

| Date of Remittance | Name of Firm | UTR No. | MDL tender/PO. Ref No. | Nature of Remittance viz. EMD/SD etc. | Amount Remitted (Rs.) |
|---------------------------|---------------------|----------------|-------------------------------|--|------------------------------|
| | | | | | |
| | | | | | |
| | | | | | |

Signature of Vendor/Representative3. **SAP Parked document No:** _____ **Date:** _____

(To be filled in by MDL's Commercial Executive)

Sr. No.2 and 3 above will be filled in by the Vendor and MDL commercial Executive respectively and the form forwarded to Treasury Section for posting of SAP Document to the respective Bank Account.

Annexure-4**LOADING FACTORS**

A.

| Sr. No. | Description | Foreign Supplier 100% import content | Indigenous Supplier with part Import content. | Indigenous Supplier without Import content |
|---------|---|--------------------------------------|---|--|
| 1. | Basic Price Quoted. | NA | a. Ex Works. b. Delivered to MDL Stores | a. Ex Works. b. Delivered to MDL Stores |
| 2. | Add: Insurance Charges | NA | In case of 1 (a) | In case of 1 (a) |
| 3. | Add: Sea / Air Freight charges / Inland Road Transport. | NA | Incase of 1 (a) | Incase of 1 (a) |
| 4. | Customs Clearance / Port Handling / Transportation to Yard. | NA | NIL | NIL |
| 5. | Cost (ex-MDL) excluding taxes & duties without loading towards any deviations | NA | Sr. Nos (1+2+3) | Sr. Nos (1+2+3) |

B. LOADINGS DUE TO VARIATIONS IN FINANCIAL TERM:

| | | |
|----|--|---|
| 6 | Variation in payment Terms | Varied payment terms quoted by bidders as compared to the terms stated in the tender document shall be normalized on the amount(s) at variation and / or for the period (in no. of days) at variation by adopting the Prime Lending Rate of State Bank India plus 2% thereon, incase of indigenous bidders and LIBOR/ EURIBOR rates in case of foreign bidders. |
| 7 | Income tax & Service Tax on Technical Services / Service Engineers liability to MDL. | Normalization shall be done in respect of the amount of tax that have to be borne by the Company. |
| 8. | Production norms such as scrap %, output – input ratio. | |

| | | |
|-----|--|------------------------------|
| 9 | Base date for price variation clause. | |
| 10. | Cost (ex-MDL) excluding taxes & duties after loading for variations in financial term. | (SR. Nos. 5 + 6 + 7 + 8 + 9) |

C. LOADING ON ACCOUNT OF DEVIATIONS IN FOLLOWING COMMERCIAL TERMS

| | | |
|-----|--|---|
| 11. | Security Deposit / Contract Performance Guarantee. | Mandatory |
| 12. | Equipment Performance Guarantee | Mandatory |
| 13 | Additional delivery period sought over stipulated period as per Tender. | For the additional period sought by the bidder over the stipulated date of delivery as per tender, 0.50% per week for delayed period will be loaded to the quoted price, if the period under variation does not lead to bid rejection criteria. |
| 14 | Additional time sought for supplying binding data. | |
| 15 | Liquidated damages per week rate / Maximum Ceiling | If bidder seeks less than 5% (Max ceiling) then the difference will be loaded. The rate of LD per week or part thereof is 0.5%, If bidder seeks say 0.4% per week or part thereof, then Max. Ceiling of LD will be equated to weeks (Say 10 weeks) then LD proposed by bidder works out to $10 \times 0.4 = 4\%$, then 1% will be loaded. |
| 16 | Warranty / Guarantee | Deviations in respect of the period of Warranty shall be loaded to the quoted price @ 0.25% per month or part thereof. This does not arise if the bidder quotes additional price for the differential period. |
| 17 | Cost (Ex-MDL) excluding taxes & duties after loading for variations on account of financial and commercial terms | Sr. Nos. 10 + 11 + 12 + 13 + 14 + 15 + 16 |

D. LANDED COST:

| | | | | |
|-----|----------------|------------------|--|--|
| 18. | Taxes & Duties | | | |
| 19. | Landed Cost | Sr. Nos. 17 + 18 | | |

Annexure-5**Details of prequalification documents**

(To be submitted on company letter head only)

We hereby are submitting the following Documents in support of Technical prequalification criteria (3.1) and order copies of work executed in the last seven years ending on 30.06.2016 strictly in line with commercial prequalification criteria mentioned in Clause 3.2 of the tender enquiry.

3.1 Commercial Pre-qualification document

Clause 3.2.4: Executed Orders of supplies of Water cum foam fire tender with fire pump with minimum value of at least for **Rs. 30 Lakhs** during the last three years

| Sr. No. | PO no & Date with client name | PO Value | WCC certificate (submitted / not submitted) |
|----------------|--|-----------------|--|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Total | | | |

Note:

Bidder has to fill up above given table (for technical and commercial prequalification) and in support of above vendor has to upload the relevant documents & PO copies with WCC along with part-1 bid for qualification.

Annexure-6

MAZAGON DOCK SHIPBUILDERS LIMITED
DOCKYARD ROAD,
MUMBAI – 400 010
RTGS / NEFT – Mandate Authorisation Form

| | | | |
|-----|------------------------|---|--|
| 1. | VENDOR NAME | : | |
| 2. | PAN No. | : | |
| 3. | VENDOR ADDRESS | : | |
| 4. | VENDOR'S TELEPHONE/FAX | : | |
| 5. | E-MAIL ADDRESS | : | |
| 6. | BANK NAME | : | |
| 7. | BANK ADDRESS | : | |
| 8. | ACCOUNT NO. | : | |
| 9. | ACCOUNT TYPE | : | |
| 10. | NEFT CODE | : | |
| 11. | RTGS CODE | : | |
| 12. | MICR CODE | : | |
| 13. | VAT NO. | : | |
| 14. | CST NO. | : | |
| 15. | EXCISE NO. | : | |
| 16. | SERVICE TAX NO. | : | |

We hereby declare that the particulars given above are correct and complete. If the transaction is delayed for reason of incomplete or incorrect information, we would not hold MDL responsible.

Date **Suppliers Seal** **Authorised Signature of the suppliers**

Certified that the particular as per Serial No. 1 & 6 to 11 are correct as per our records.

Date **Bank's Stamp** **Authorised Signatories of Bank Officers**

Note: The Mandate form duly completed in supplier's letter head may be furnished to the Treasury Section

Annexure-7

LETTER OF CREDIT FORMAT FOR SHIPMENT BY SEA / AIR

| | | | |
|-----|--|---|---|
| 40A | Form of Documentary Credit Type | : | IRREVOCABLE |
| 20 | Transaction Reference Number Documentary Credit Number | : | |
| 31C | Date of Issue Date | : | |
| 31D | Date and Place of Expiry Date | : | |
| | Place | : | NEGOTIATING BANK |
| 51A | Applicant Bank BIC | : | BANKERS OF MDL,MUMBAI |
| 50 | Applicant Name & Address | : | MAZAGON DOCK LTD. DOCKYARD ROAD, MAZAGON, MUMBAI – 400 010 |
| 59 | Beneficiary Name & Address | : | |
| 32B | Currency Code, Amount | : | |
| | Currency | : | |
| | Amount | : | |
| 39A | Percentage Credit Amount Tolerance Tolerance 1 | : | |
| | Tolerance 2 | : | |
| 41D | Available with ...By.... Name & Address | : | |
| 42C | Draft at Narrative | : | SIGHT/NEGOTIATION |
| 42D | Drawee Name & Address | : | BANKERS OF MDL,MUMBAI |
| 43P | Partial Shipments Narrative | : | ALLOWED/NOT ALLOWED |
| 43T | Transshipment Narrative | : | ALLOWED/NOT ALLOWED |
| 44A | Loading on Board / Dispatch Narrative | : | AIRPORT / SEAPORT (AS PER TENDER ENQUIRY/ORDER) |
| 44B | For Transportation to Narrative | : | AIRPORT / SEAPORT (AS PER TENDER ENQUIRY/ORDER) |
| 44C | Latest Date of Shipment Date | : | |
| 46A | Documents required Narrative | : | (AS PER TENDER ENQUIRY) |
| 47A | Additional conditions Narrative. | : | 1. ALL DOCUMENTS SHOULD BE MARKED WITH IEC CODE NO.0388070412, LC NO. AND DATE AND IMPORT UNDER NON-NEGATIVE LIST OF IMPORT EXPORT. POLICY AM 2. DISCREPANT DOCUMENTS TO BE SENT STRICTLY ON COLLECTION BASIS. |

| | | | |
|-----|---|---|--|
| 71B | Details of charges Narrative | : | ALL FOREIGN BANK CHARGES OUTSIDE INDIA ARE FOR THE BENEFICIARY'S ACCOUNT. |
| 48 | Period for presentation Narrative | : | WITHIN ----- DAYS FROM THE DATE OF BILL OF LADING /AIRWAY BILL. |
| 49 | Confirmation instructions Instruction | : | WITHOUT |
| 53D | Reimbursing Bank Name & Address | : | BANKERS OF MDL WILL SPECIFY |
| 78 | Instructions to the Paying/ Accepting Bank Narrative | : | BANKERS OF MDL WILL SPECIFY |
| 72 | Sender to Receiver Information Narrative | : | BANKERS OF MDL WILL SPECIFY |
| 47A | Additional conditions Narrative. | : | <p>1. ALL DOCUMENTS SHOULD BE MARKED WITH IEC CODE NO.0388070412, LC NO. AND DATE AND IMPORT UNDER NON-NEGATIVE LIST OF IMPORT EXPORT. POLICY AM</p> <p>2. DISCREPANT DOCUMENTS TO BE SENT STRICTLY ON COLLECTION BASIS.</p> |