

**GOVT. OF ASSAM
OFFICE OF THE DIRECTOR,
FIRE & EMERGENCY SERVICES, ASSAM, GUWAHATI.**

NOTICE INVITING TENDER

Sealed Tenders in **TWO BID SYSTEM** affixing Court fee stamp of Rs. 8.25 (Rupees eight and paise twenty five) only are invited from well established & reputed fabricator/ manufacturer, **for fabrication of 2 (two) Nos. Foam Tender Pump on TATA LPT 1616/42 BS-II Cowl/Ashok Leyland 1616 IL or other similar type of chassis** as per Technical Specification and Terms & Conditions described hereunder.

The Bids may be sent by Speed Post/ Registered Post/ Courier Services or in person in sealed cover addressed to **“Director, Fire & Emergency Services, Assam, Panbazar, Guwahati-1”**. Tenders received after the closing date & time shall not be entertained. The Director, Fire & Emergency Services, Assam shall not be responsible for any postal delay. N.I.T. will also be available in departmental website i.e. www.asfso.org

1) LAST DATE FOR RECEIPT OF TENDERS & OPENING OF TECH. BID:-

Sealed Tenders in 2(two) separate covers i.e. Technical Bid and Price Bid will be received till **19.11.2014 up to 3 PM** by the Director, Fire & Emergency Services, Assam, Panbazar, Guwahati-1. **The Technical Bid will be opened on the next working day at 11.00 hrs.**

2) ELIGIBILITY CRITERIA:-

- a) Bidder shall be an Original Fabricator of Fire Tenders having at least 3(three) years experience in fabrication, supply and maintenance of Fire Tenders.
- b) Fabricator of the Fire Tenders must have ISO 9001:2008 certifications for design and fabrication of Fire Tenders.
- c) Annual turnover of the fabricator during the last 3(three) financial years shall not be less than Rs. 3,00,00,000/- (Rupees three crore) only.
- d) Bidder/ Fabricator should have experience in fabrication and supply of Fire Tenders {i.e. Water Tender Pump (Type – B), Mini Water Tender Pump having capacity of 3,000 Ltrs., Foam Tender, Advance Water Tender} **at least 100 Nos. in last 5 years** with copies of supply orders enclosed with the Bid documents..
- e) Any Fabricator which has been blacklisted either by the Tender Inviting Authority or by any State Government or Central Government Organization should not participate in the tender during the period of blacklisting.

3) TECHNICAL SPECIFICATION:-

The “Technical Specifications” are given at **Annexure-I**.

4) **TECHNICAL BID COVER “A”**

The bidder should furnish the following in a separate cover herein called “Cover A”. Court Fee Stamp of Rs. 8.25 must be affixed.

a) **Earnest Money:-**

Bids must be accompanied by Earnest Money Deposit (EMD) in the form of Demand Draft/ Bankers cheque in favour of Director, Fire & Emergency Services, Assam payable at Guwahati. EMD submitted in any other form or bids without EMD shall not be entertained. The amount of EMD shall be Rs. 1,00,000/- (Rupees one lakh) only. The EMD of the successful bidder shall be retained till completion of the works and shall not carry any interest. If the successful bidder fails to execute the agreement and/or fails to submit the Bank Guarantee within the specified time or withdraws his bid within the validity period of the bid, the EMD shall be forfeited. The EMD of the unsuccessful bidders will be returned within 30 (thirty) days after the finalization of the tender.

b) **Manufacturing/ Trade License**

Attested/notarized copy of valid Fabrication License/ Trade License issued by the competent Licensing Authority.

c) **Power of Attorney to sign (of Bidder)**

Instruments such as Power of Attorney, Resolution of Board etc. authorizing an officer of the bidding firm to be enclosed with the bid and such authorized officer should sign the bid documents.

d) **Sales Tax/VAT and Service Tax Registration**

Attested/ notarized up to date copy of Sales Tax/ VAT Registration Certificate and Service Tax Registration Certificate along with up to date Sales Tax/ VAT Clearance Certificate.

e) **PAN Card**

- (i) Attested/ notarized copy of PAN Card.
- (ii) Income Tax return for last 2(two) years.

f) **Declaration**

Declaration in the form at **Annexure-II**.

g) **Details of Experience**

Information about fabrication of Foam Tender Pump in last 3 (three) years in the format at **Annexure-III** along with copies of work orders, completion/ performance certificates from the users.

h) **Quality Assurance Certificate**

Attested/ notarized copy of valid ISO 9001:2008 certification for design and fabrication of Foam Tender Pump.

- i) **Annual Turnover**
Annual turnover statement for last 3(three) financial years i.e. 2011-12, 2012-13 & 2013-14 along with concurrent commitment for the current financial year in the format given in **Annexure-IV** and certified by Auditor/ Chartered Accountant.
- j) **Details of Fabrication Unit/ After Sales Service Facility**
Details of Fabrication Unit/ After Sales Service Facility in the specified format (Refer **Annexure – V**).
- k) **Undertaking on fraud & corruption**
Undertaking on fraud and corruption in the format **Annexure-VI**.
- l) **Agreed Terms & Conditions (Bidder)**
Agreed Terms & Conditions as per **Annexure-VII**.
- m) **Signature and Seal on Each Page**
The tender/bid document should be signed by the bidder in all pages with office seal and submitted with the bid.
- n) **Checklist of documents**
A checklist (**Annexure-VIII**) for the list of documents enclosed with their page number. The documents should be serially arranged as per this **Annexure-VIII** and should be securely tied or bound.

The bidder shall put above documents in a sealed cover superscribed as “TECHNICAL BID – COVER “A” TENDER FOR FABRICATION OF FOAM TENDER PUMP FOR FIRE & EMERGENCY SERVICES, ASSAM DUE ON and addressed to the Director, Fire & Emergency Services, Assam, Panbazar, Guwahati-781001.

- 5) **PRICE BID – COVER “B”**
Cover “B” shall contain the Price Bid of the bidder.
 - (i) **Signature and Seal on each page**
Each page of the Price Bid should be duly signed by the bidder affixing the office seal.
 - (ii) **Signature on correction**
Bid should be typewritten neatly and every correction in the bid should be attested with full signature by the bidder, failing which the bid will be ineligible, corrections done with correction fluid should also be duly attested.
 - (iii) **Rates quoted**
The bidder shall submit the dully signed Price Bid (Cover-B) in a sealed cover in the format at **Annexure – IX**. The rates quoted shall be inclusive of transit

insurance and any other charges. The amount of Tax/CST/VAT should be indicated separately.

6) **COVER FOR TECHNICAL BID & PRICE BID**

The two separately sealed covers (Technical Bid (Cover “A”) and Price Bid (Cover “B”) shall be placed together inside another cover which shall be sealed and superscribed as “TENDER FOR FABRICATION OF FOAM TENDER PUMP FOR FIRE & EMERGENCY SERVICES, ASSAM DUE ON and delivered at the office of the Director, Fire & Emergency Services, Assam, Panbazar, Guwahati-781001.

7) **OPENING OF COVER “A” AND COVER “B” OF TENDER**

(a) Bidders or their authorized representatives are entitled to be present on the date and time of opening of Technical Bid – Cover “A”.

(b) Only those bidders whose Technical Bids are found acceptable after technical evaluation will be invited to be present at the date and time of opening of Price Bid – Cover “B”. The price bids of bidders not found technically qualified will not be opened.

8) **VALIDITY OF OFFER OF SUCCESSFUL BIDDER**

The validity of offer of the successful bidder shall be 1(one) year from the date of finalization of the order and the successful bidder will be bound to fabricate the Foam Tender Pump at agreed rates and terms during this period. This validity period may be further extended by 1(one) year with mutual consent.

9) **OTHER CONDITIONS**

(i) **Item Details & Quantity**

The details of items with specifications shown in **Annexure-I**. The quantities mentioned are indicative and may increase or decrease as per requirement of Tender Inviting Authority as per CVC guidelines.

(ii) **No Revision/Correction of Quantities**

No bidder shall be allowed at any time on any ground, whatsoever, to claim revision or modification in the quantities quoted by him. Representation to make correction in the tender documents on the ground of clerical error, typographical error etc., shall not be entertained after submission of the bids.

(iii) **Firm Delivery Schedule**

Firm delivery schedule shall be mentioned in the bid. Cross conditions such as “SUBJECT TO AVAILABILITY” “SUPPLIES WILL BE MADE AS AND WHEN MATERIALS ARE RECEIVED” etc., will not be considered under any circumstances and the bids of those who have given such conditions shall be treated as incomplete and will be summarily rejected.

(iv) **Execution of order**

Work should be executed directly by the successful bidder and not through any other agency.

(v) **Inspection**

Tender Inviting Authority or his authorized representative has the right to inspect the factories of bidders, at any point of time and also has the right to reject the tender or terminate/ cancel the orders issued, based on adverse reports brought out during such inspections. The bidder shall extend all facilities to the team to inspect the fabrication process, quality control measures adopted etc., in the fabrication of the items quoted/ ordered.

(vi) **Road permit**

Fire & Emergency Services, Assam will not be responsible for arranging Road permits for sending the duly fabricated Foam Tender Pump. It will be the responsibility of the successful bidder to obtain Road Permits from the concerned authority.

10) **ACCEPTANCE OF TENDER**

(i) **Tender Evaluation**

Tenders will be evaluated with reference to various criteria of technical bid and thereafter on the basis of the total landed price for Fabrication, Testing and one Year Guarantee for determining the L1 (Lowest) price from amongst those qualifying the technical bid stage. Conditional discounts shall not be taken into account for price comparison.

(ii) **Right to Reject Tender**

Tender Inviting Authority reserves the right to accept the tender or to reject the tender without assigning any reason thereof.

(iii) **Tender Acceptance**

The acceptance of the tenders will be communicated to the successful bidder in writing.

11) **COMPLETION PERIOD**

(a) The Foam Tender Pump (duly fabricated as per specification given) shall have to be delivered within 120 (one hundred twenty) days on receipt of chassis by the fabricator.

(b) In case the selected fabricator fails to execute the said work or related obligations within stipulated time, the Tender Inviting Authority will be at liberty to get the work executed through an alternative agency at the complete risk and cost of the fabricator. Any additional cost incurred by the Tender Inviting Authority during such execution of the work shall be recovered from the fabricator.

(c) If the cost of executing the work as aforesaid exceeds the balance payments due to the selected fabricator and the fabricator fails to make good the 'additional cost', the Tender Inviting Authority may recover it from the fabricator's pending claims

against any work in Fire & Emergency Services, Assam or in any other lawful manner.

- (d) The calculation of aforesaid 'additional cost' will be finalized by the Tender Inviting Authority at its sole discretion. The selected fabricators shall have no right to challenge the mode or amount relating to calculation at any forum.

12) **AS EXECUTED REPORT**

On completion of the fabrication, the successful Bidder/Fabricator shall submit Executed Report of fabrication works to the Tender Inviting Authority which will include photographs.

13) **GUARANTEE**

The duly fabricated Foam Tender Pump shall be guaranteed against any and all defects in design, material and workmanship for a period of 1(one) year from the date of acceptance. Guarantee certificate to this effect must be furnished.

Any defects develop during the guarantee period, it should be remedied promptly free of cost by the Fabricator and all expenses for transportation of goods necessitated for such repairs or replacement shall be borne by the Fabricator. The guarantee period for such repaired/replaced goods shall again be 12(twelve) months from the date of commissioning.

14) **PAYMENT TERMS**

- (a) No advance payments will be made to the successful bidder.
- (b) 100% payment after supply and acceptance of duly fabricated Foam Tender Pump.
- (c) On completion of the work, bills/ invoices should be submitted in triplicate in the name of Tender Inviting Authority.
- (d) If any time during the period of contract, the price of rendered items is reduced or brought down by any Law or Act of the Central or State Government or by the bidder himself, the bidder shall be bound to inform Tender Inviting Authority immediately about such reduction in the contracted prices. Tender Inviting Authority is empowered to unilaterally effect such reduction as in necessary in rates in case the bidder fails to notify or fails to agree to such reduction in rates.
- (e) In case of any enhancement in excise duty due to notification of the Government after the date of submission of bids and during the validity period of contract, the quantum of additional excise duty so levied will be allowed to be charged extra as a separate item without any change in price structure of the product approved under the tender. For claiming the additional cost on account of the increase in excise duty, the bidder should produce a letter from the concerned Excise Authority confirming payment of additional excise duty on the goods supplied to the Tender Inviting Authority and also must claim the same in the invoice separately.

15) **ANNULMENT OF AWARD, FORFEITURE OF BANK GUARANTEE & FRESH AWARD**

Failure of the successful bidder to comply with the requirements of signing of agreement and/ or submission of Bank Guarantee within the time schedule as stipulated above shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security/ EMD. Under such a situation, the proposal may be reviewed for award of the contract of the next lowest evaluated technically qualified bidder or go for a fresh bid depending on the circumstance. In case it is decided to go for the next lowest bidder, negotiation may be considered to bring down their price nearer to the originally evaluated lowest bid.

16) **PRICE BASIS**

Contract prices shall be on FOR destination at Guwahati basis and shall remain firm & fixed till complete execution of the contract.

17) **TRANSPORTATION**

Transportation of duly fabricated Foam Tender Pump and its transit insurance up to the specified destination shall be in the Fabricator's scope.

18) **STANDARDS**

The fabrication works executed under the contract shall conform to the standards mentioned in the Technical Specifications and where no applicable standard is mentioned, the latest version of Indian Standard Institution of Bureau of Indian Standards shall be applicable.

19) **INSPECTION AND TESTS**

The Tender Inviting Authority or his authorized representatives shall have the right to inspect and/ or to test the fabrication works to conform that quality is in accordance to the contract stipulations and shall have access to Fabricator's works/ premises and the power to inspect and examine the fabrication works and workmanship of the Foam Tender Pump.

20) The successful Tenderers shall have to furnish/ produce Bank Guarantee/ Insurance coverage from any Nationalized Bank/ Insurance Co. covering 100% of the cost of the chassis delivered to them for fabrication before receipt of the chassis from the manufacturer.

21) The approved fabricators will have to execute the orders of supply within the time frame specified in the supply order.

22) The fabricator will have to produce and submit the purchase voucher of P.T.O. from the authorized P.T.O. manufacturer of the country and this document should be submitted at the time of stage inspection at their works.

23) All the legal proceedings arising out of any dispute between the parties shall be settled within the technical jurisdiction of the Courts in Assam.

ANNEXURE – I

TECHNICAL SPECIFICATION

Sl. No.	Description	Complied or not complied (Deviation if any furnish separately)
	Chassis will be supplied by the Department	
1	Foam Tender Pump incorporating a Multipurpose High Low pressure Fire Pump of capacity of 1100 LPM to 3200 LPM at 7 Kg./ cm ² (Low pressure) and 200 LPM to 300 LPM at 30/45 Kg/cm ² (High pressure) with a fully automatic self priming system. Water Tank capacity of 4,500 Liters. First aid Hose reel and gallows for 10.5 Mtrs. Extension Ladder is to be provided.	
2	<u>DETAILS OF PUMPS</u>	
2.i	Pump should be C.E. approved with in-house facility of V-NOTCH testing.	
2.ii	Rear mounted Multipurpose High-Low pressure Fire Pump of 1100 LPM to 3200 LPM at 7 Kg./cm ² capacity of with High and Low pressure Impellers mounted on single stainless steel shaft. Fully automatic self priming system. Round threaded 100 mm suction eye with blank cap. 2 x 63 mm dia delivery coupling with blank cap. Drain Plug as per I.S.I. specification and control panel consisting of compound gauge collaborating from '0' to '75' cm mercury for vacuum and '0' to '14' Kg. / cm ² and throttle control adequate illuminated and necessary arrangement for working in conjunction with first hose reel.	
	The Pump shall be provided with the following features.	
2.ii.a	Single lever Actuation to change over Low-pressure to High pressure.	
2.ii.b	Easy access to Impellers and Mechanical Seal.	
2.ii.c	In built pressure Relief valve and Thermal relief valve.	
2.iii	<p>The plumbing between the Pump and the tank shall have a clear and unobstructed Water way not less than 100 mm piping. The plumbing shall be reasonably accessible for maintains. A control lever for engaging and disengaging the pump with suitable locking device shall be provided in the driver's cab.</p> <p>The Pump shall have suction inlets having 100 mm standard suction connection with internal strainers and blank Cap(s). The strainer(s) shall be retained firmly when in use but shall be easily removable. The Pump shall be provided with the delivery valves having 63 mm standard hose coupling with screwed wheel type quick closing lock/ valve. Blank Caps fastened with chains and incorporating means to relieve pressure between the valve and the cap shall be provided one for each delivery valve. The delivery valve and suction/</p>	

	delivery blank cap should be of Gun metal with chromium plating.	
3	PRIMER: Fully automatic self priming system. The primer shall be capable of lifting water at least 7 Mtrs.	
4	CONTROL PANELS: One Control Panel at the rear of the appliance, the Control Panel(s) shall include the following:	
4.i	Throttle control for engine.	
4.ii	Pressure gauge '0' to 17.5 Ktg.p/cm ² .	
4.iii	Compound gauge collaborated as under : Vacuum – 0 to 75 cm H preferably in blank. Pressure – 0 to 6 Kg. / cm ² preferably in blank.	
4.iv	Primer control.	
4.v	Gauge for cooling water and glow lamp for lubricating system	
4.vi	Cooling water circuit control.	
4.vii	The following shall also be provided at a convenient position near the Control Panel(s).	
4.vii.a	Water level indicator.	
4.vii.b	Hydrant connections.	
5	POWER TAKE OFF (P.T.O.) HEAVY DUTY: High efficiency full torque unit P.T.O. "TATA/ LEYLAND/ SYALL/ VAS" make should be provided. Illustrated information book-let in respect of P.T.O. should be provided with the Water Tender Pump type 'B'. It should be capable of transmitting the full engine power. The P.T.O. control lever should be located inside the drivers' cabin. Means shall be provided to determine the reasonable accuracy of the oil level in the P.T.O. Gear box. There should be locking device for the P.T.O. to ensure that the pump gear does not engaged in advertently. The driving shaft between the main transmission and the P.T.O. shall be fully universal.	
6	WATER TANK: A water tank of 4,000 Lits.(889 gallons) capacity should be mounted on the chassis in a manner keeping in view the proper load distribution on the axle. The tank shall be suitably baffled to prevent surge when the vehicle is braking, cornering or accelerating. It shall be fabricated out of mild steels sheet of not less than 5mm thickness. It shall be rectangle in shape and mounted immediately behind the driver's cab with inspection manholes with cover, fitted with overflow pipe of not less than 50mm dia and a filling pipe to permit coupling with 63mm dia delivery hose pipe fitted at the rear of the tank. The tank should be connected with the hose reel and should be provided with necessary control valves for operating in conjunction with Hydrant, tank, pump and first aid hose reel as the case may be. The tank shall be given adequate anti-corrosive treatment from	

	inside after fabrication. The open end of the overflow pipe should be taken down to a point well below the chassis without affecting the effective ground clearance when fully loaded and shall discharge away from the wheels.	
7	<p><u>FOAM COMPOUND TANK</u></p> <p>A 500 Ltrs. (125 gallons) Foam compound tank shall be mounted on the chassis in addition to the water tank, so designed as to bring the centre of gravity as low as conveniently possible in the chassis. It shall be fabricated out of mild steels sheet of not less than 3mm thickness. It should not exceed two in number and shall be arranged to junction in parallel with separate filling orifice hole of not less than 25 cms. (10" inch) or removable tank top.</p> <p>A sloping strainer with a total straining area of not less than six times of the cross sectional area of the foam compound outlet from the tank shall be provided so that it slopes into the sludge trap and prevents any sludge from blocking the foam compound outlet. The orifice shall not be less than 10 cms (4" inch) in dia and shall incorporate vent holes to facilitate drainage of foam compound while the tank is in use. The tank shall suitably connected to the suction side of the pump through foam compound tank suction valve foam compound proportionator selector valve and a pump proportionator. The design of the foam compound tank and pipe line shall be such that these can be easily flushed out after use and pipe shall be as short as possible and of adequate dia and shall be designed as to easily dismental for internal cleaning. No part of the system shall form a "U" bond.</p> <p>Suitable transfer pump shall be provided for transforming foam compound from drums to the foam compound tank without causing any forthing.</p>	
8	<u>MONITOR:-</u>	
8.i	Foam Monitor shall be mounted on the roof of the cab in such a manner that it can be manually operated by a member of the crew or by the driver from inside the driving cab thus enabling the vehicle to be capable of operation by one man in an emergency. The monitor should be light weight with necessary flanged inlet connection for mounting of 3" size.	
8.ii	The Monitor shall be made of alluminium alloy (duly treated for anticorrosion treatment), turbulence free waterways s.s. ball bearing type swivel joint.	
8.iii	The Monitor with positive locking arrangement permitting 360° deg horizontal rotation and 15° deg to 75° deg vertical traverse.	
8.iv	The Monitor should be fitted with jet and spray nozzle with stream straingter, spring control automatic arrangement and foam induction arrangement.	
8.v	The flow rate should be 7 Kg f/cm ² up to 4700 LPM (1250 gpm), horizontal foam throw 60 mtrs at 7 Kgf/cm ² pressure (Aqua Foam Nozzle), Foam induction rate (Aqua Foam Nozzle) 3% additional multi office type jet nozzle arrangement should be provided along with each unit so that if the same is to be used as water monitor only nozzle should be made of light alloy and with best quality hard anodized black.	
8.vi	The weight of the Aqua Foam Nozzle should not exceed 5.75	

	Kg.	
8.vii	The Monitor shall be fitted with a deflector to enable to lay a wide carpet at foam for quick coverage of spill fires when necessary.	
9	<u>FOAM COMPOUNDS PROPORTIONATOR/INDUCTOR</u> Manual proportionator arrangement shall be provided where the induction ratio of Foam Compound/ water solution and flow of water are automatically varies as per demand, morely by opening and closing the monitor/ hand lines.	
10	<u>HAND LINES</u> Two hand lines, one on either side of the appliance shall be provided. These shall terminate in Foam making branch pipes, fitted with spray/ jet attachments and also fitted with hand controlled mechanism. Foam making branch pipe shall be capable of delivering not less than 500 Ltrs/ Min. of water foam solution with an expansion of not less than a times and minimum throw of 25 mtrs. when either one or all the branches are used simultaneously or at least two of them in combination with the Monitor.	
11	<u>FIRST AIDHOSE REEL:</u> One first aid hose reel not less than 60 mtrs. length and 18/19 hose made of top quality rubber hose with suitable couplings to couple one and to the hose reel and other to shutoff nozzle. The hose reel should be provided in accordance of the pump capacity.	
12	<u>BODY WORKS</u> Double cab seat 7(seven) men including driver shall be provided. Driver's seat shall be adjustable and other fixed. All seat should be provided with Foam rubber cushions and covered with best quality rexin. Body frame and compartment should be made of angle iron frame covered with mild steel sheet of channel and paneled by alluminium sheeting 3mm and doors should be fitted with best quality safety glasses with winding type regulators. Two doors on each side should be provided on the driver's cab cum crew compartment. The grabrails and non-slip steps are to be provided near the doors outside of the cab in such a manner that a person can be easily get up in running position. One roof light should be provided inside the cab. Additional standing accommodation for two persons with grabrail to be provided at the rear of the unit.	
13	<u>LOCKERS:</u> 2(two) Nos. hose tunnels shall be provided on each side to carry 4(four) Nos. 2.5 mtrs. in lengths of suction hoses in convenient location. The tunnels should be sloped in such a way that these allow the water contents left in the hose after use to drain out. 1(one) locker on each side (just below the suction hose tunnel) for carrying 20 Nos. delivery hoses and	

	<p>other fire fighting equipments and accessories. Each lockers will have its own lighting arrangement operated automatically switched 'ON' & 'OFF' by the opening and closing of the doors/ lids. A master switch for insulating the lockers lighting circuit shall also be fitted in the driving compartment.</p> <p>The size of the lockers 24" height, 42" breadth and 19" depth. The doors of the lockers shall have efficient means for holding them closed by efficient flush fitting spring loaded locks.</p> <p>The doors of the side lockers shall not be hinged at the bottom. The inside of the lockers should be made of single pieces of chequered plate avoiding use of small pieces of alluminium chequered sheets as per practicable. There should not be any seepage of water through M.S sheets in the locker.</p>	
14	<p><u>LADDER GALLOWS:</u> Gallows shall be provided to carry a 10.5 mtrs. TRUSSED TYPE Extension Ladder. The design shall be such that the ladder can be released without difficulty from a reasonably accessible position. The alluminium ladder shall be double extension with following features:- Fully extended length - 10.5 mtrs (35ft.), closed length - 6.23 mtrs. (20 ft.), overall width - 560 mm, depth - 190 mm, weight (must not exceed) - 54 Kg. (approx), No. of Rungs/ step – 20 Rungs/ step, distance between two Rungs – 12 inch.</p>	
15	<p><u>TOOL KIT CONTAINER</u> A tool kit compartment should be provided under the crew seat to carry tools for necessary running repairs.</p>	
16	<p><u>BODY:</u> Body frame and compartment should be made of angle iron frame, covered with aluminum sheet of channel and paneled by alluminium sheeting of 16 gauges.</p>	
17	<p><u>WORKMANSHIP AND FINISH:</u> For greater grip of wind shield glass rubber channel, aluminium clip should be provided in the bottom and on the both side of the wind shield to cover the rubber channel. Drain holes in the lower side of all door frames for draining out of water to be provided. The driving compartment and the inside of lockers shall be painted cream. Lockers shall be finished in shadow board painting to show the position of each pieces of equipment. All other parts except engine shall be painted black. The complete unit should be painted in Fire Red colour shade confirming to No. 568 of IS: 5 – 1978.Necessary anticorrosion primer coats shall be applied before painting the words "<u>FIRE & EMERGENCY SERVICES, ASSAM</u>" in letters 50 mm thick and 150mm height in white colour should be written in both side of the vehicle. The complete workmanship of the entire appliance should be satisfactory and the suction tunnel bottom plate should be provided with alluminium chequered plates.</p>	

18	<p><u>EQUIPMENTS:</u> The following equipments shall be supplied with the Fire Appliances.</p> <p>(a) 10.5 mtrs. Trussed Type Extension Ladder. (b) Suction hose 4" dia (100 mm) complete with G.M. coupling wound at ends with canvas cover – 4(four) Nos. (c) Metal Strainer 4" dia – 1(one) No. (d) Basket Strainer - 1(one) No. (e) Suction key (Universal) - 1(one) Pair.</p>	
19	<p><u>ACCESSORIES:</u> The following accessories shall be provided in addition to these normally fitted in the chassis.</p>	
19.i	<p><u>Fire Bell:</u> - One Fire Bell of 250 mm dia shall be mounted externally and shall be capable of being operated from within the driving compartment. The bell shall be of the hand operated type.</p>	
19.ii	<p><u>Siren:</u> - One best quality double headed Siren (big size) with auto device (12 Volt) of 1.5 K.M. range.</p>	
19.iii	<p><u>Fog Lamps:</u> - 2(two) Nos. Halogen will be provided and these shall below mounted in front of the appliance.</p>	
19.iv	<p><u>DIMENSION OF BAR LIGHT</u> Length 1065mm-1070m Height 122mm with base plate Width 275mm Input Voltage 12/24V DC -ve ground <u>CONSTRUCTION OF BAR LIGHT</u> Base Slotted Aluminum Extrusion Domes Rectangular Shaped Polycarbonate Lenses two on each side Red & Blue or Specification. Fitted with the help of upper and lower aluminium Extrusion Speaker Grill Made of Polycarbo Speaker 1 pc of 60 watt unit horn. Concealed under grill fully waterproof And rust proof. Mounting Bar light to be mounted with Nylon Glass field stand with heavy duty SS side clamps. Rubber pads to be used at the bottom of the stand to minimize vibration. Dimension of the stand Height-50mm,Width-230mm,length205mm <u>INTERNAL MECHANISM OF BAR LIGHT</u> Four 1watt LED to be installed in multi-dimensional polycarbonate clear block inside each rectangular reflector in flashing mode_the current Consumption of the bar light LED's is less than 3.5-4.25 amp. (with Siren) .Current in Blinker mode-500 mamp.Current consumption light Bar 750 Mamp (without Siren).THE LIGHT BAR SHOULD BE IP 55. <u>SIREN-CUM DIGITAL AMPLIFIER</u> The proposed P.A. system shall be an advanced technology base efficient and fully featured Electronic Siren-cum-Digital PA_amplifier and Control Panel for Light Bar Police Sign,Revolving Search Lights.</p>	
19.v	<p><u>Wind Screen Wipers:</u> - Electrically operated of approved design 2(two) Nos.</p>	
19.vi	<p><u>Defrosting Device:</u> - Should be provided for wind screen.</p>	
19.vii	<p><u>Search Light:</u> - 1(one) No. It should be adjustable to give a flood or beam light and shall be mounted in a convenient position on the appliance. It shall be capable of being readily</p>	

	removed and mounted on a tripod: 100 mtrs. of TRS cable should be supplied and mounted in spoon on top of driving cab and shall be of suitably capacity so as to cause not more than 12 percent voltage drop at the other end.	
19.viii	Trafficators: - Tata/ Leyland trafficators (latest model) to be provided.	
19.ix	Adjustable Light: - 1(one) No. adjustable light with hand operated switch to be fitted in the back of the vehicle for lighting purpose in operation to Pump.	
19.x	Rear Light: - Rear light should be protected with wire not frame.	
20	MARKING: Each appliance shall be clearly and permanently marked with the following preferably on a metal plate attached in the driving compartment and also near on the Pump operating control panel:	
20.i	Manufacturers name or trade mark.	
20.ii	Year of manufacture.	
20.iii	Capacity of Pump in LPM, water tank in liter.	
20.iv	Engine No. and chassis No.	
20.v	Pump No. if any	
20.vi	A Board arrow pointing upwards.	
21	INSTRUCTIONS BOOK: A set illustrated book for the guidance of the user, including both operating and normal maintenance procedures for the appliances, shall be supplied with each appliance. The book(s) shall include all item wise and illustrated spare parts list giving reference number to all wiring parts with a view to ensure that adequate number of such spare parts are made easily available when necessary. It shall also include line diagrams showing all plumbing and connection between water tank, primer and heat exchanger 2(two) sets of these books shall be supplied with the vehicles.	
22	INSPECTION:	
22.i	Inspection at the time of fabrication in workshop (1 st stage).	
22.ii	Final Inspection at Guwahati.	

ANNEXURE – II

TENDER NO:

Date:

DECLARATION BY THE BIDDER

We, hereby declare that we have made ourselves thoroughly conversant with local conditions regarding all materials of which based our rates for this work. The specifications of this work have been carefully studied and understood by us.

We hereby agree that the fabrication work will be executed within the cost mentioned in our financial bid and there will be no escalation in cost for any reason whatsoever. We also agree that if we fail to complete the work and drop in between **Fire & Emergency Services, Assam** shall have right to recover the full amount from us. We shall accept any amendments made by **Fire & Emergency Services, Assam** from time to time during total fabrication completion period including 1 (one) year Guarantee Period.

We are also committed to complete the work within the stipulated time period specified in the work order and will not ask for any further time extension.

We are bound to work as per Tender and work order issued by **Fire & Emergency Services, Assam** for this work with 1 (one) year guarantee period. In case of failure in providing adequate service, we shall be responsible for any loss and for the action taken by competent authority of **Fire & Emergency Services, Assam** leading to black-listing.

We shall comply with the provision of Contract labour (Registration and Abolition) Act 1970, Minimum Wages Act 1948, Payment of Wages Act 1963, Workman’s Compensation Act 1961, the Contract Labour(Registration and Abolition) Act, 1979 and all other related Acts and any modification thereof or any law relating thereto and rules made there under from time to time. **Fire & Emergency Services, Assam** shall not be responsible in this regard.

We shall be wholly responsible for any accident or any unusual/ unexpected circumstances occurring during the execution of fabrication work and also during the guarantee period of 1 year.

We hereby declare that there is no vigilance/ CBI or court case pending/ contemplated against us at the moment.

(Signature of the Tenderer)

Name: _____

Designation: _____

Seal:

Date:

Place:

ANNEXURE – IV

TENDER NO:

Date:

ANNUAL TURNOVER STATEMENT

The Annual Turnover of M/S _____ for the past two years and concurrent commitment for the current financial year are given below and certified that the statement are true and correct.

Sl. No.	Year	Turnover in lakh
1.	2011-12	
2.	2012-13	
3.	2013-14	
Total		= Rs. Lakh
Average of 3 years		= Rs. Lakh

Concurrent Commitment

Sl. No.	Contract Ref	Purchaser	Total Contract Value	Outstanding Value	Estimated Delay in Completion date

Date:

Signature of Auditor/ Chartered Accountant
(name in Capital Letters)

Seal:

ANNEXURE – V

TENDER NO:

Date:

DETAILS OF FABRICATION UNIT/ AFTER SALES SERVICE

For supply of _____

- 1) Name of the fabricator :
- 2) Full postal Address :
- 3) Telephone No./ Fax No. :
- 4) Email address :
- 5) Date of inception of business :
- 6) Registration No. & Date :
- 7) Issued by :
- 8) Valid till :
- 9) Details of manufacturing activity & item wise capacity :
- 12) Name of Govt. Department/ Pvt. Institutions : As per enclosure
to which the bidder already supplied the
duly fabricated Foam Tender Pump
with quantity value and supply period.
- 18) Has the bidder ever been blacklisted by any govt. agency? If yes, give details. :
- 14) Are any cases pending in the court relate to Any supplies? If yes, give details. :
- 15) Does the firm have the adequate facilities for Inspection and quality control Please give details. :
- 24) Does the firm have the adequate facilities for “After sales Service” in Assam or in the NE Region . Please give details of set-up. :

I, _____ Prop./ Partner/ Director of
M/S _____
hereby declare that the information given in this form is true and correct to the best of my knowledge & belief.

I/we agree to the Tender Inviting Authority forfeiting the Earnest Money Deposit and/or Performance Security Deposit and blacklisting us for a period of 5 years, if any information furnished by us is proved to be false at the time of inspection and non-compliance with terms and conditions of the contract.

I/we offer to supply the items mentioned in the schedule (enclosed in price bid) at the rates quoted therein. I/we agree to hold this offer for two years after finalization of contract.

SIGNATURE :
NAME & DESIGNATION :
DATE :
SEAL :

- ❖ The details of fabrication unit shall be for the premises where items quoted are actually fabricated.

ANNEXURE – VI

TENDER NO:

Date:

UNDERTAKING ON FRAUD & CORRUPTION

We do hereby undertake that, in competing for (and, if the award is made to us, in executing) the contract for fabrication of Foam Tender Pump against the above referred tender we shall strictly observe the terms and conditions against fraud and corruption in force in the country.

SIGNATURE :
 NAME & DESIGNATION :
 DATE :
 SEAL :

ANNEXURE – VII

TENDER NO:

Date:

AGREED TERMS & CONDITIONS

A. Details of Bidder

Bidder Name	
Offer Ref:	Contact person:
Telephone No.:	Signature:
Fax No.:	E-mail:

B. Definitions

Sl. No.	Description	Vendor's Confirmation (Confirmed/ Noted/ Deviation furnished separately)
	C. Technical	
1	Confirm that you meet the eligibility criteria as per bid document and have furnished relevant documents	

2	Confirm acceptance of Technical Specification as per Tender Document	
3	In case of deviations, confirm that the same have been highlighted separately.	
4	Confirm that literature and technical data, wherever applicable, have been enclosed.	
5	Confirm that all certificates/ documents furnished	
6	Confirm that Earnest Money Deposit (EMD) as per bid document has been furnished in Cover-A	
	D. Commercial	
1	It is noted that any deviations to the commercial terms and conditions shall lead to loading of prices or rejection of offer.	
2	Confirm that the quoted landed price is inclusive of cost of fabrication of Foam Tender Pump and other charges including freight, insurance and all duties and taxes viz. Excise Duty, sales tax/ VAT.	
3	Confirm furnishing of price break-up of fabrication showing basic price and Tax/VAT on %age of basic price to arrive at landed price in D2 above.	
4	It is noted that the statutory variations in taxes and duties within the contractual delivery period shall be borne by the purchaser.	
5	If there is any variation or fresh imposition of Excise Duty at the time of supply due to various reasons, including turn-over, confirm that the same shall be borne by supplier.	
6	If clause 5 above is not acceptable, advice maximum possible rate of additional ED chargeable; this shall be loaded to your price.	
7	Confirm that in case any new or additional duties and taxes are imposed after the contractual delivery date due to delays attributable to the supplier the same shall be borne by the supplier. This will be in addition to Price Reduction for Delay in Delivery.	
8	Confirm acceptance of Price Reduction Schedule for delay in delivery @ 0.5% of delayed value of goods per week of delay or part thereof subject to maximum of 10% of the total order value.	
9	Confirm acceptance of Delivery/ Completion Period as indicated in the bid document.	
10	Confirm acceptance of relevant payment terms specified in the bid document.	
11	It is noted that delivery period, price reduction, termination etc. are subject to Force Majeure Condition as stipulated in the bid document.	
12	Confirm that the quoted priced shall remain firm & fixed till complete execution of the order.	
13	a) In case you are a fabricator confirm that the prices quoted are not higher in any respect than prices offered to other Govt. Departments/ Organizations. b) In case you are a dealer/ distributor/ authorized agent, confirm that the prices quoted are as per fabricator's price list with appropriate discount.	
14	Packing/ forwarding, transportation, loading/ unloading	

	and insurance are supplier's responsibility. However, to protect the items from physical damages and/or deterioration due to weather during transit, supplier to ensure proper packing & handling arrangement. Please confirm compliance.	
15	Confirm that Bank Guarantee of chassis from a nationalized Bank shall be furnished, which will be valid till expiry of the Guarantee period.	
16	Confirm acceptance of Repeat order within 24 months from the date of initial order at same price and terms & conditions.	
17	It is noted that the purchaser would disown any responsibility/ liability towards irregularity, contravention or infringement of any statutory regulations including those of patent, on manufacture or supply of goods covered by the order.	
18	Terms and conditions indicated in this format shall not be repeated in the bid. Terms and conditions indicated elsewhere and contradicting those in this format shall be ignored. Confirm compliance.	
19	Confirm that you shall observe the highest standard of ethics during bidding and in case favoured with an order, the execution of the order will be completed, without resorting to any fraud, corruption and/or coercion.	

SIGNATURE :
NAME & DESIGNATION :
DATE :
SEAL :

ANNEXURE –VIII

TENDER NO:

Date:

CHECK LIST

Sl. No.	Cover – A	Yes	No
1	Court Fee/ IPO affixed		
2	EMD in the form of DD furnished		
3	Documentary evidence of constitution of the Company/ Firm		
4	Copy of Fabricating/ Trade License issued by the competent Licensing Authority for the quoted products		
5	The instruments such as Power of Attorney, Resolution of Board etc.		
6	Sales Tax/VAT & Service Tax Registration Certificate		
7	PAN Card		
8	Declaration as per Annexure – II		
9	Details of experience as per Annexure-III		
10	ISO 9001:2008 certificate		
11	Annual Turnover Statement for 3 years as per Annexure-IV		
12	Details of Fabrication Unit as per Annexure-V		
13	Undertaking of Fraud & Corruption as per Annexure-VI		
14	Agreed Terms and conditions as per Annexure-VII		
15	Fabricator's authorization (if applicable)		
16	Signature & Seal on each page of Bid Document		
Sl. No.	Cover – B	Yes	No
1	Price Bid as per Annexure - IX		

ANNEXURE – IX

TENDER NO:

Date:

PRICE BID

Fabrication of Foam Tender Pump incorporating a Multipurpose High Low pressure Fire Pump of capacity of 1100 LPM to 3200 LPM at 7 Kg. (Low pressure) and 200 LPM to 300 LPM at 30/45 bar (High pressure) with a fully automatic self priming system.

Sl. No.	Name of Work	Total amount (Rs.) (in figures)	Total amount 9Rs. (in words)
1	Fabrication of Nos. Water Tender Pump (Type-B) for Fire & Emergency Services, Assam.		
2	Tax/ CST/ VAT		
3	TOTAL COST (1+2)		

(Signature of the Tenderer)

Name: _____

Date:

Designation: _____

Seal:

Place:

NIT No. F&ES/PS/252/3773-81

Dated Guwahati the 29.10.2014.

Copy to:

1. The Commissioner & Secretary, Govt. of Assam, Home & Political Department, Dispur for kind information.
2. The Director of Industries, Udyog Bhawan, Bamunimaidam, Guwahati – 21 for kind information.
3. The Senior Financial Adviser to the Govt.of Assam, Home (B) Department, Dispur for information.
4. The Deputy Secretary to the Govt. of Assam, Home (B) Department, Dispur for information.
5. The Finance and Accounts Officer, Fire & Emergency Services, Assam, Guwahati for information.
6. The Fire Prevention Officer, Fire & Emergency Services, Assam, Guwahati for information.
7. Office Notice Board.
8. Office Website www.asfso.org
9. M/S

Director,
Fire & Emergency Services, Assam,
Panbazar, Guwahati.