

**GOVERNMENT OF TAMILNADU
TAMIL NADU FIRE & RESCUE SERVICES DEPARTMENT
OPEN TENDER : 2 OF 2018
GROUP : II**

**Purchase of De-watering Pumps, Rescue and Safety Equipments and
Rain Suits**

TOP SHEET

Tenders are invited from the manufacturer or an authorized distributor/dealer of the manufacturer for supply of the following items as per the detailed specifications given in the tender document for each item:-

Sl. no.	Name of the item	Quantity	EMD
1.	Diesel driven Heavy Duty Pump with a minimum of 35 HP along with Trolley” to Drain Water about 2.5 lakhs per hour (Mahindra Engine coupled with Kirloskar pump or of its equivalent)	6	Rs.48,000/-
2.	Heavy Duty Power Saw with Generator (ELECTRICAL OPERATED CHAIN SAW 16-18”)	10	Rs. 15,000/-
3	Heavy Duty Power Saw with inbuilt Engine (approx.36”)	25	Rs.25,000/-
4.	Multi Gas Detector	10	Rs.10,000/-
5.	Rechargeable Spot Search Light	300	Rs. 27,000/-
6	Rain Suit- Polyster coated with PVC/Nylon Tefetta fabric	3000	Rs.21,000/-
7	Out Board Motors for Inflatable Rubber Boats 9.9 hp	40 Nos.	Rs.70,000/-
8	Out Board Motors for Inflatable Rubber Boats 25 hp	10 Nos.	Rs.47,000/-
9	Smoke Exhauster cum Blower	20 Nos.	Rs.80,000/-

Other details:

1.	Address for Communication	Office of the Director, Fire & Rescue Services, 17, Rukumani Lakshimipathi Salai, Egmore, Chennai 600 008. Tamil Nadu.
2.	Supply of Tender Document	<u>For Down Loading :</u> Tender Document shall be down loaded free of cost at the Department’s Website. <u>Tender cost to obtain in person:</u> Rs.590/- (inclusive of GST) <u>By Registered Post:</u> Rs.690/- (inclusive of GST+Postal charges)

Note:

The tender documents can be accessed from <http://www.tnfrs.tn.nic.in> and the same can be down loaded **free of cost** from the web site. The vendors who have downloaded the tender documents from the departmental website must intimate the same through the following email addresses ddhq.tnfrs@gov.in, so that any changes can be intimated. Otherwise, it will be considered that the vendor is doing it at his/her own risk.

3.	Earnest Money Deposit – Mode of Payment.	EMD amount as mentioned above may be furnished as Demand Draft in favour of the Director, Fire & Rescue Services Department, Chennai or specified small savings instruments or irrevocable bank guarantee. Note: EMD should be furnished as mentioned against each item. According to the items for which the tenderer wishes to quote, he has to attach aggregate EMD for the same under relevant Serial numbers.
4.	Last date and time for submission of the tender	25.01 .2019 at 14.00 hours.
5.	Date, Time and Place of Opening of the tender.	25.01. 2019 at 14.30 - 15.30 hours at the address mentioned above
6.	Specifications	Furnished in the tender document. Questionnaires have been made as a part of the specification. Answers to be furnished by the tenderer about their offers.
7.	Intimation of changes	Addendum or changes/amendments if any proposed to be issued will be put up in the above web-site. Hence, it is the responsibility of the tenderer to go through the website before submission of their tender.
8.	Type of Tender	TWO COVER SYSTEM (a) Technical Bid with EMD (b) Price Bid
9.	Name and address of the party to whom the tender documents sold in person or by post.	

Signature of the Tenderer/s with Date
and Seal

Signature of the Tender inviting authority
(not necessary if downloaded from the
website)

Note: Each page of the tender form should be signed and to be attached with the tender document.

IMPORTANT INSTRUCTIONS TO THE VENDORS

- 1 (a). The vendor shall be the manufacturer of the item/items offered or an authorized distributor/dealer of the manufacturer.
 - (b) In case he / she is an authorized distributor/ dealer, he / she shall produce along with the tender-offer a certificate of specific authorization from the original equipment manufacturer.
2. (a) EMD to be furnished in the form of Demand Draft or Bank Guarantee from any Nationalized Bank in the name of "Director, Fire and Rescue Services, Tamil Nadu".
 - (b) Please note that exemption from payment of EMD under SSI and NSIC certificates is allowed only if products quoted are covered for manufacturing by the tenderer himself as per the schedules approved by the SSI/NSIC in their certificates issued to the tenderer. If exemption from EMD is sought for, proof of exemption certificate from payment of EMD and an undertaking in lieu of EMD should be produced along with sealed tenders, subject to verification from the authorities concerned.
3. The inspection of the goods proposed to be delivered will be made by the officers nominated by Director of Fire and Rescue Services. Hence, if the inspection of goods is proposed to be arranged at manufacturer's site or any other place than this Department Headquarters at Egmore, the charges for deputing the departmental officers should be borne by the tenderer at his cost. In view of the above, duly taking into account the above aspects, the price bid furnished by the tenderer should contain the break up details of basic price, Custom duty, freight charges, Octroi, insurance for delivery and such other levies.
4. The Tamil Nadu Transparency in Tender Rules 2000 as amended from time to time is applicable for the Tender.
5. Mode of submission of tender offer:
 - (a) Sealed tenders containing :
 - (i) Technical bid in a separate sealed cover which may be named as "Envelope-A" containing technical details, commercial terms along with a list of the enclosures such as proof in respect of manufacturer or the authorization letter from the manufacturer, latest local tax clearance certificate if any applicable to the country/origin along with EMD;

and
 - (ii) Separate price bid as "Envelope-B" in a sealed cover in the format prescribed in the tender form for supply of **"De-watering Pumps, Rescue and Safety Equipments and Rain Suits - Group-II"** will be received for and on behalf of the Tamil Nadu Fire and Rescue Services Department so as to reach on or before the due date prescribed.

- (b) The tenderer has the option of sending the offer by Registered Post A/D or by speed post or by Courier or by air mail for overseas delivery before the date and time fixed.
- (d) The tenderers who is interested to submit their tender in person to this Office may put the tender in the Tender Box kept for this purpose at the above mentioned address before the date and time fixed. The slit of the tender box shall be 28 cm x 3 cm and therefore, the cover should be brought of suitable size to move inside the slit.
- (e) Delivery of tender in person on hand to any staff of this Department will not be accepted on any account.
- (f) The tender submitted after the last date and time will not be accepted under any circumstances.
- (g) Any relaxation in the mode of submission of tender will be considered only by the DFRS and his discretion will be final.

Method of submitting price bids:

6. While giving the Price bid, the price details like basic rate (i.e. the rate without taxes and duties) along with separate details of GST with HSN Code, freight charges, insurance for delivery, any other levies and delivery charges that may be applicable must be quoted in the format enclosed. The total of all these must be separately indicated as NET RATE. Rates should be shown distinctly in words as well as figures. In case of a discrepancy between the rate in words and figures, the lower of the two shall be taken. If any discount offered by the tenderer, it should be furnished in the Price bid format.
7. The rate shall be valid for 180 days from the date of opening of the tenders.

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Check list for the tenderers in furnishing the tender document:

Envelope A: Technical Bid with EMD

This sealed envelope should contain the followings:

- (1) Attach EMD along with Covering Letter in Company's Letter head.
- (2) Attach authorization letter obtained from the Original Equipment Manufacturer in respect of the items which are not manufactured but furnishing offer as authorized distributor/dealer of the manufacturer.
- (3) Attach Technical bid of the offers quoted with Catalogues, Xerox copies of Certificates relevant standard mentioned in the specification and Test Certificates duly self- attested.
- (4) Attach a Xerox copy of previous supply orders with proof of supply to various organizations during the last 3 years duly self- attested.
- (5) Attach Questionnaire form given in the tender form duly filled and signed
- (6) Attach the "Undertaking for Execution of Contract" in the form prescribed in the tender document.
- (7) Furnish GST Return filed for the financial year 2017-18 and also for the quarter ending 30.6.2018
- (8) Attach a copy of GST Registration Certificate, PAN and I.T. Returns filed for the financial years from 2015-16 to 2017-2018 along with Profit and Loss Account Statements for the financial years from 2015-16 to 2017-18 duly attested by their Chartered Accountants
- (9) Attach the tender form duly signed with seal in each page by the authorized person for having noted the contents of the tender document.

Envelope B: PRICE BID

This sealed envelope should contain only Price bids in the format prescribed in the Tender. All columns should be filled and to be signed with seal by the authorized person.

If different models are quoted, Price bid cover should contain the rates for each model separately in a sealed cover.

OUTER COVER

The outer cover should contain the Sealed Envelopes “A “and “B” and the following address must be written on it:

Deputy Director –Administration (F.A.C),
Tender Inviting Authority,
O/o. the Director, Fire and Rescue Services Department,
17, Rukmani Lakshmi pathy Road, Egmore, Chennai-600008,
Tamil Nadu.

The outer cover shall also be sealed and superscribed as **“Tender 2/2018 – Group II- Offers for supply of De-watering Pumps, Rescue and Safety Equipments and Rain Suits”**.

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Item no. 1. “ Specification for Diesel driven Heavy Duty Pump with a minimum of 35 HP along with Trolley” to Drain Water about 2.5 lakhs per hour (Mahindra Engine coupled with Kirloskar pump or of its equivalent)

(1)	Fuel	Diesel driven
(2)	Horse Power	With a maximum of 35 HP
(3)	Discharge capacity	A minimum of 2.5 lakhs litres per hour
(4)	Suction size	6"
(5)	Delivery size	6"
(6)	Total Head in mtrs	Not less than 15 mtrs
(7)	Suction head in mtrs	About 5 mtrs
(8)	Weight of the Pump	Not more than 1.20 tons
(9)	Dimension	Approx 2 x 1 x 1.5
(10)	Trolley	To be supplied along with pump as per the specification given below separately

Other features:

- Efficiency of the pump should be on par with internationally available pumps.
- The Impeller of the Pump should be Non- clogging to handle suspended solids and should be made up of durable material.
- The Pump should be Portable, when fitted on trolley.
- The Engine should be Suitable to get the maximum efficiency from the impeller.
- The provision of foot valve not necessary
- Dynamically balanced rotating parts to ensure minimum vibrations.
- Easy maintenance and spares availability, the pump shall be of easy maintenance the spare parts easily available.
- The pump shaft should be carbon steel and shaft sleeve should be of bronze.
- Good quality raw material should be used to facilitate longer life with high efficiency.
- The pump should have triple delivery outlets with gate valves. It is designed to connect 2.5 inch hoses.

Construction of Pump materials:

- (1) Impellor of the pump should be made up of durable material.
- (2) Delivery casing should be of cast Iron and shaft should be made up of carbon steel and shaft sleeve should be of bronze.

Direction of Rotation:

Direction of Rotation should be clockwise viewed from suction side.

Specification for Trolley to be provided with each pump:

- (i) Trolley must be constructed with steel angles with strength compatible to carry the pump weight offered by the tenderer under item no.1&2 respectively.
 - (ii) Dimension of the Trolley: Approximate: 8 feet x 4 feet
 - (iii) It should be mounted on the axis with two tyres size (7.00 x 15) or any other suitable size for easy movement of the trolley
 - (iv) It should be provided with 3 stays made of Iron Rod.
 - (v) It should have the provision of Eye for Toeing with a fire vehicle.
 - (vi) It should have the provision of hose boxes on both sides.
 - (vii) It should have the provision of a channel for keeping two length of Suction hoses each 15 feet.
 - (viii) It should have the provision for manually pulling bars.
 - (ix) Pump and engine should be covered with proper roof and that should be detachable
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Item NO. 2 - SPECIFICATIONS FOR HEAVY DUTY POWER SAW WITH GENERATOR

(A) Capacity, Design and Construction:

ELECTRICAL OPERATED CHAIN SAW 16-18"

(1) MOTOR

- i) POWER INPUT : 2.4 KW, 230V, 50 HZ
- ii) MOTOR SPEED: NOT MORE THAN 6500RPM
- iii) MAX MOTOR SPEED (WITH GUIDE BAR & CHAIN): AT LEAST 7000 RPM

(2) . CHAIN SPEED PER MINUTE:870M / MIN (2900FT/MIN

(3). GUIDE BAR LENGTH :400MM

(4). CHAIN BLADE : PICH 3/8", GAUGE:1.1MM (.043")/OR 1.3MM (.050")

(5). SOUND PRESSURE LEVEL:90.3DB(A)

(6). SOUND POWER LEVEL:101.3DB(A)

(7). VIBRATION LEVEL:4.7M/S2

(8). DIMENSIONS: 455 X 245 X 200MM (L X W X H)

(9).NET WEIGHT:4.7 KG

(10). POWER SUPPLY CORD:0.3M

(11). OILTANK CAPACITY:NOT LESS 250ML

(B) SPECIAL FEATURES

- 1. FULLY ELECTRONIC ENGINE FUNCTION CONTROL
- 2. QUICK STOP SUPER CHAIN BRAKE
- 3. LED OVERLOAD INDICATOR.

(C) Generator - Technical Specification

(i) Maximum Power Output	:	3000 VA
(ii) Rated Power Output at 230v/50Hz	:	2800 VA
(iii) Engine Type	:	GX200T/OHV, Single cylinder, Air Cooled
(iv) Engine Throttle	:	Electronic Governor (Load Sensitive)
(v) Choke	:	Auto
(vi) Engine control panel Display	:	i-Monitor equipped
(vii) Starting	:	Electric / Recoil Start
(viii) Fuel Type	:	Unleaded Petrol
(ix) Fuel Tank Capacity (Ltr)	:	12.5
(x) Continuous Operating Hours	:	6.9*
(xi) Oil Alert System	:	Yes
(xii) AC Circuit Protection Device	:	Yes
(xiii) Pilot Lamp	:	Yes
(xiv) Dry Weight (kg)	:	62
(xv) Dimensions (L X W X H mm)	:	710 X 482 X 570

* At rated load

**Item No. 3 - SPECIFICATIONS FOR HEAVY DUTY POWER SAWS –
WITH INBUILT ENGINE (APPROX.36”)**

(A) ENGINE

This equipment shall be Single Cylinder, 2 Stroke, Air-cooled only

- (1). DISPLACEMENT : Not less than 90 CC
- (2). POWER OUTPUT : Not less than 6.8 HP
- (3). ENGINE IDLE SPEEDS : Not Morethan 2500 RPM
- (4). MAX ENINGE SPEED (With guide bar & chain) At lease 13,000 RPM

B) FUEL : CARBURETOR Diaphragm type only

C) FUEL TANK CAPACITY : Not more than 1 LTR

D) Dry WEIGHT (without cutting attachment) : Not morethan 8.0 kg.

E) CLUTCH Centrifugal type without lining, metal only

F) GUIDE BAR AND CHAIN :
Guide bar & size with bar nose only with 36” Length

G) MASTER CONTROL LEVER

All function such as start, run & stop must have one switch; choke can be operated with another lever.

Item No. 4. SPECIFICATIONS FOR MULTI GAS DETECTOR

(A) Physical Characteristics

(i) Size	Instrument shall not exceed 4.4" L x 3.0" W x 1.4" D (11.2 cm x 7.6 cm x 3.5 cm).
(ii) Weight	8 oz (228 g)
(iii) Handling	Instrument shall be a one-hand operation device.
(iv) Case Material	Rubberized over-mold.
(v) Environmental Protection	Instrument shall be approval agency-certified to IP68 protection levels for dust and water ingress. Instrument shall be capable of immersion in up to 6.5 ft (2m) of water for 1 hour.
(vi) Impact Protection	Impact protection Instrument shall exceed MIL-STD-810G repeated drop test requirements. Instrument shall be capable of surviving an incidental 25-ft (7.62-m) drop.
(vii) Color	Charcoal or phosphorescent (glow-in-the-dark) housing.

(B) User interface

(i) Display type	Liquid crystal display (LCD) with large, easy-to-read characters and icons.
(ii) Backlight	Unit must provide white backlight for low-light viewing. Backlight time-out must be user-adjustable.
(iii) Keypad / Switches	Unit must have no more than three switches or pushbuttons to operate. There shall be no requirement to access hidden or internal switches for any instrument operations. Buttons must be easy to operate when users wear gloves.
(iv) Data Access	Access to data log and event log through infrared link to Windows-ready PCs.
(v) Bluetooth connectivity	Unit shall be capable of transmitting device and alarm data via Bluetooth wireless connection to a gateway device, such as an Android-based cellular phone.

(C) Monitoring Capability

(i) Gases	Instrument shall be capable of measuring up to four gases: combustible gas, O ₂ , and either H ₂ S/CO, H ₂ S-LC/CO, H ₂ S-LC/SO ₂ , or CO/NO ₂ .
(ii) Sensor configuration	Ability to enable/disable individual sensor channels.
(iii) Sensor missing alarm	All sensor channels provide missing sensor alarm if sensor has been removed and sensor channel has not been disabled.
(iv) Combustible gas display	Instrument shall be capable of displaying combustible gas reading as % Lower Explosive Limit (LEL) or 0-5% CH ₄ by volume.

(v) Pressure compensation	Instrument oxygen sensor shall have built-in pressure compensation.																										
(vi) Sensor life monitoring	Instrument shall be able to alert user when a particular sensor nears end of life following instrument calibration.																										
(vii) Sensor types	Instrument shall be available with the following gas sensing options: <table border="1"> <thead> <tr> <th>Gas type</th> <th>Range</th> <th>Resolution</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Combustible</td> <td>0-100% LEL</td> <td>1% LEL</td> </tr> <tr> <td>0-5% Vol CH4</td> <td>0.05% Vol CH4</td> </tr> <tr> <td>O2</td> <td>0-30% Vol</td> <td>0.1% Vol</td> </tr> <tr> <td>CO</td> <td>0-1999 ppm</td> <td>1 ppm</td> </tr> <tr> <td>H2</td> <td>0-200 ppm</td> <td>1 ppm</td> </tr> <tr> <td>H2S Low Concentration</td> <td>0-100 ppm</td> <td>0.1 ppm</td> </tr> <tr> <td>SO2</td> <td>0-20 ppm</td> <td>0.1 ppm</td> </tr> <tr> <td>NO2</td> <td>0-50 ppm</td> <td>0.1 ppm</td> </tr> </tbody> </table>	Gas type	Range	Resolution	Combustible	0-100% LEL	1% LEL	0-5% Vol CH4	0.05% Vol CH4	O2	0-30% Vol	0.1% Vol	CO	0-1999 ppm	1 ppm	H2	0-200 ppm	1 ppm	H2S Low Concentration	0-100 ppm	0.1 ppm	SO2	0-20 ppm	0.1 ppm	NO2	0-50 ppm	0.1 ppm
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(D) Basic Operational Features

(i) Instrument buttons	Buttons on instrument must be clearly marked and intuitive.
(ii) Inadvertent shutoff	Instrument shall be designed to protect against accidental shutoff.
(iii) Zero adjustments	Instrument shall provide Fresh Air Setup (FAS) function at user's discretion.
(iv) Zero adjustment lockout	FAS function will not allow unit to zero out hazardous readings.
(v) Confidence signals	Periodic audible and visual signals shall indicate instrument operation. User must be able to disable audible and visual signals.
(vi) Bump test status indicators	Instrument shall be capable of indicating its bump test status. <ul style="list-style-type: none"> • Bump PASS: flashing green LED in top right corner and on-screen checkmark. • Bump FAIL or expiration: flashing red LED in top right corner and no checkmark.
(vii) Time/date	Instrument must be able to display time and date. User must be able to reset time and date without tools.
(viii) Last calibration date	Instrument must be able to display last successful calibration date.
(ix) Instrument power-on	Power-on instrument button must be clearly marked.

(E) Sensor Characteristics and Performance

(i) Sensor life	Sensors shall have an expected life of four years.
(ii) End of life sensor indicator	Instrument shall indicate when sensor is close to and at its end of life following calibration.
(iii) Typical t(90) response times	Combustible sensor < 10 seconds (methane); < 15 seconds (pentane) O2 sensor < 10 seconds CO, H2S, SO2 & NO2 sensors < 15 seconds
(iv) All sensors	All sensors shall have built-in control circuitry, including drive circuits, memory, microprocessor, and analog to digital converter to all for sensor level control and compensation.
(v) Oxygen sensor	Oxygen sensor shall be lead-free and use non-consumable chemical reaction.

(vi) Combustible sensor	Combustible sensor must provide the following poison resistance at minimum: <input type="checkbox"/> 3000 ppm*hours to H2S <input type="checkbox"/> 90 ppm*hours to silicone
(vii) CO/H2S sensor	CO/H2S sensor shall be designed with extremely robust carbon filter for CO channel to block interference. Sensor shall be designed for virtually no crosschannel interference. Sensor shall be designed for two-toxic gas detection in the same physical envelope as a single gas sensor.
(viii) CO/NO2 sensor	CO/NO2 sensor shall be designed with extremely robust carbon filter for CO channel to block interference. Sensor shall be designed for two-toxic gas detection in the same physical envelope as a single gas sensor.
(ix) H2S/SO2 sensor	H2S/SO2 sensor shall be designed to meet the measurement requirements for lowered exposure limit guidelines for H2S. Sensor shall be designed for two-toxic gas detection in the same physical envelope as a single gas sensor.

(F) Advance Display and Software Options

(i) Industrial hygiene displays	Instrument shall have capability of displaying PEAK, STEL and TWA at user's discretion. User shall have ability to enable/disable STEL and TWA functions.
(ii) Instrument settings	All settable instrument parameters (alarm set points, expected calibration gas values, etc.) shall be protected by user-selectable password.
(iii) Reset of functions	User shall be provided with capability of resetting PEAK, STEL and TWA readings in the field.
(iv) Measurement units	Unit shall be capable of displaying both types of installed gas sensors and measurement units for each gas.

(G) Instrument Alarms

(i) Motion Alert™ feature	Instrument shall offer Motion Alert feature. When activated, instrument shall go into latch alarm when no instrument movement is detected for 30 seconds.
(ii) Instant Alert™ feature	Instrument shall have Instant Alert feature to allow users to manually activate all alarms if situation requires.
(iii) Visual alarms	Visual alarms shall consist of bright, flashing LEDs on top and bottom of instrument and positive indication on unit's display for alarm type identification.
(iv) Audible alarm	Audible alarm shall be rated at > 95 dB @ 1 ft (30 cm).
(v) Vibrating alarm	Unit shall be offered with standard vibrating alarm.
(vi) LEL latching alarm	Combustible channel shall have non-resettable latching alarm when combustible gas level exceeds 100% LEL or 5.00% CH4.
(vii) Oxygen alarms	Oxygen channel shall have alarm set points for both oxygen deficiency and oxygen enrichment.
(viii) Alarm set points	Alarm set points must be user-settable.
(ix) STEL and TWA alarm	Instrument shall provide audible, visual and vibrating alarms if STEL or TWA levels are exceeded. User shall be able to select alarm set points for STEL and TWA.
(x) Battery alarms	Instrument shall provide user with 10-minute warning of battery power loss in all environmental conditions. Power consumption alarms shall activate audible, visual and vibrating alarms.

(H) Instrument Power

(i)Run time	Instrument continuous run time shall be 24 hours; when there is an active Bluetooth connection between the detector and ALTAIR Connect, run time shall be 22 hours.
(ii)Power supply	Instrument shall be equipped with a rechargeable battery.
(iii)Battery life indication	Monitor shall provide icon depicting estimated remaining battery operation time. Battery icon must always be visible when instrument is powered on.
(iv) Charging cradle	Optional charging cradle shall be offered.
(v)Charger input voltages	Chargers shall be available for 110VAC/220VAC and 12-24VDC.
(vi) Charging status	Instrument or charging cradle shall provide visual indication of battery charging status.

(I) Calibration

(i)Calibration tools	Unit shall require no special tools for calibration other than calibration cap, cylinder, regulator, and tubing to supply gas to instrument.
(ii) Pushbutton calibration	Calibration shall be easily performed using instrument's pushbuttons. Internal instrument access or tools shall not be necessary for calibration.
(iii)Calibration cylinder mix	Calibration gas cylinders shall be offered in standard four-gas configurations: 1. Combustible, O ₂ , CO and H ₂ S 2. Combustible, O ₂ , H ₂ S and SO ₂ 3. Combustible, O ₂ , CO and NO ₂ Instrument shall be calibrated using one cylinder.
(iv) Calibration time	Span calibration shall not exceed 60 seconds.
(v)Automatic calibration	Instrument shall be compatible with optional automated test and calibration system that is able to store data. External system shall automatically recognize and calibrate instrument and retain all calibration records.
(vi) Bump test station	Economical bump test station shall be offered to verify field performance. Test station shall be capable of checking performance of the instrument and store records.

(J) Sampling Systems

(i)Sampling mode	In addition to standard diffusion mode, instrument must be available with external powered pump probe option.
(ii)Sampling system filters	Pump must contain user-replaceable filters to prevent liquid and dust ingress.
(iii)Sample line length	Instrument must be capable of sample draw from up to 50 ft (15 m) away.
(iv)Fluid ingress protection	Sample probe must prevent water and debris from entering instrument.

(K) Data logging (Instrument Data Storage)

(i)Data logging	Instrument must be available with standard data logging.
(ii)Event log	Instrument shall record at least 500 events.
(iii)Data log capacity	Data log shall record and store data for an average of 50 hours (at one-minute intervals) without overwriting existing information in normal use.
(iv)Gas record content	Data log entries shall contain as minimum date, time and record of peak and average readings for each gas sensor (oxygen shall be recorded as maximum and minimum intervals).
(v)Atmospheric record	Instrument shall have provisions to record atmospheric temperature changes.
(vi)Record intervals	Time span between data records shall be user-selectable from 15 seconds to 15 minutes.
(vii)Data retention	Instrument data stored in memory shall not be lost or corrupted in event of sudden instrument power loss.
(viii)Activity record content page	Instrument data log shall record and be capable of reporting significant instrument events including: <ul style="list-style-type: none">• Gas and battery alarms• Fresh air setups, sensor re-zeroing and calibrations• Battery voltage and elapsed run time• Reset of PEAK, Min, STEL, and TWA values

(L) Environmental and Durability

(i)Drop test	Can survive 25+ consecutive 4-ft (1.2 m) drops (MIL-STD-810G drop test). Can survive incidental 25-ft (7.62-m) drop onto concrete.
(ii)Temperature	Normal operation: -10° to 40 ° C Extended:-40 ° to + 60 ° C
(iii)Humidity	15-90% RH (non condensing) continuous 5-95% RH (non condensing) Intermittent

(M) Maintenance & Warranties

(i) Sensor replacement	Sensors shall be easily accessed and replaced by users if desired by purchaser. No printed circuit boards should require removal to access sensors.
(ii)Warranty, consumables	Instrument shall have 4-year warranty on all components, including sensors and battery.
(iii)Extended warranty	Optional extended warranty shall be offered for an additional year (five years total).

Contd...

(N) Certificates

North America	USA / Canada CSA Class I, Division 1, Groups A, B, C & D Class II, Division 1, Groups E, F & G Class III, Division 1 Ambient temperature: -40°C to +54°C; T4 CAN/CSA C22.2 No. 152 Combustible Gas Detection Instruments C22.2 No. 152 Performance Ambient Temperature: -20°C to +54°C; T4 - C22.2 No. 157 Intrinsic Safety Ambient Temperature: -40°C to +54°C; T4
Europe	Directive 2014/34/EU (ATEX): II 1G Ex ia da IIC T4 Ga, -40°C to +60°C, IP68 CE 0080 Directive 2014/30/EU (EMC): EN50270 Type 2, EN61000-6-3
IEC	IECEX Ex ia da IIC T4 Ga, -40°C to +60°C, IP68
Manufacturing system quality approvals	Instrument manufacturer must be certified as compliant with ISO 9001 provisions.

Item No. 5. SPECIFICATION FOR RECHARGABLE SPOT SEARCH LIGHT

(A) Capacity, Design and Construction:

- (i) 10W CREE LED High power
- (ii) 5 MODES OF BRIGHTNESS SELECTABLE (High, Medium, Low, SOS & flash)
- (iii) The search light is equipped with specially designed handle which can be used in two position.
- (iv) Equipped with Lithium-Ion battery.
- (v) The search light comes with adjustable stand in addition to handle.
- (vi) Product dimension minimum (mm):224 L x 165 W x 172 H
- (vii) Power source : Lithium ION battery total capacity minimum 5800mAh pack.
- (viii) Dual recharge, either AC/DC charger or 12V DC car adapter
- (ix) Has built in 3 LED battery status indicator

(B) Indications : -

Low Battery	: 30% Yellow Light
Charging	: Red Light
Full Battery	: Green Light

(C) Runtime :-

High Power Spotlight	: Minimum 3 hours
Middle Power Spotlight	: Minimum 4 hours
Low Power Spotlight	: Minimum 9 hours
SOS signal blinker	: Minimum 5 hours
Strobe / Flash Blinker	: Minimum 5 hours

(D) Beam Distance:-

High Power Spotlight	: Minimum 450 meters
Middle Power Spotlight	: Minimum 320 meters
Low Power Spotlight	: Minimum 160 meters

(E)Operating Temperature:- - 5° C to + 55° C

(F) Weight:

Total weight is less than 1kg including the batteries comes with suitable shoulder strap with connectors.

Item No. 6. SPECIFICATIONS FOR RAIN SUITS

General

(A) Description and Design

(i) Gents rain suit with attached hood and separate legging having fabric surface on the outer side. The Polyester coated with PVC /NYLON TEFETTA fabric used is single texture type and Polyester coated with PVC /NITRILE PVC coating on one side of synthetic fabric. The synthetic fabric used is Polyester coated with PVC/ NYLON having plain weave construction.

(ii) Front part of is made of 2 pieces. Stitched with 2 sleeves of shoulder-the back part is single piece construction with vent. The front part of rain suit is fitted with moulded chain having a cover with Velcro. The attached hood can be adjusted by using tying cord / Velcro. 2 nos of cross pockets are provided. Sleeve ends are fitted with Velcro. The bottom edge of rain suit is fitted with half-round elastic type.

(iii) Legging is with full-round elastic tape at waist. Velcro is provided on each leg for adjusting the girth. All the seams taped properly from inside for protection against water penetration.

(iv) Diemenisons

SIZE	LENGTH	CHEST	SLEEVE	SHIRT	LENGTH LEGGING
L	78	130	85	115	103
XL	85	135	87	122	108
XXL	92	140	89	129	115

All dimension are in cm.

A tolerance of + 1.5cm is permissible.

B: TECHNICAL DETAILS

SI. No	PARTICULARS	REQUIREMENTS
1.	WIDTH	-
2.	MASS OF FINISHED FABRIC	Gms / sq.Mt
3.	MASS OF BASIC FABRIC	Gms / sq.Mt
4.	ROOFING CONTENT	Gms / sq.Mt
5.	BREAKING STRENGTH WARP WEFT	(Kgf) 5 X 20 Cm. 5 X 20 Cm.
6.	NO OF THREAD WARP WEFT	Per Cm. Per Cm.
7.	WATER PROOFNESS	At 90 Cm. water head
8.	HEAT RESISTANCE	Up to 100° C 120° C 130° C
9.	AGEING TEST	168 Hrs. @ 70° C
10.	WATER PRROFNESS AFTER AGEING	168 Hrs. @ 70° C

Item NO. 7 & 8 : Out Board Motors for Inflatable Rubber Boats (9.9.HP & 25HP)

Specifications and other requirements:

1. For the usage of the boat for rescue purposes in shallow waters from the areas inundated with flood, the tenderer should furnish their offer for supply of
 - a. Out Board Motor- 9.9 HP- 2 stroke engine running on petrol
 - b. Out Board Motor – 25 HP – 2 Stroke engine running on petrol
 - c. Both, manufactured by reputed firm like YAMAHA, SUZUKI, TOHATSU or equivalent
2. The make and model of the “Out Board Motor” offered by the tenderer should be clearly indicated in the technical bids along with pamphlets for the same.
3. The sample OBM offered by the tenderer will be fitted on a boat identified by the Department at the time of verification of the performance of the sample by the Committee.
4. The charges for fitting the OBM on the inflatable rubber boats identified by this Department if any should be quoted separately which will be taken into account for determining the lowest price.
5. Certificate from OEM establishing that the Manufacturers shall have minimum of 10 Years of experience and The Bidder should have past experience of supply of at least 50 no’s of similar OBMs directly to any Government organization in the last five years.
6. Supplier shall ensure availability of Service facilities at least ten different cities in Tamil Nadu.

Note:

The Department reserves the right to purchase the same either from the tenderer or from the manufacturer/supplier of the “Out Board Motor” separately to safeguard the financial interest of the Government.

Item no.9 : SPECIFICATIONS FOR SMOKE EXHAUSTER CUM BLOWER

(1) It should be able to provide both positive and negative pressure ventilation . The unit shall feature a square construction design for strength and stability. The unit shall be designed with two top carrying handles on each corner for easy positioning and rapid deployment.

(2) The ventilator shall have four (4) stabilizing rubber feet to ensure the unit shall remain stationary while running at full speed.

(3) The entire frame of the unit shall be constructed of steel and shall surround the seven-blade 16" airfoil propeller to enhance lifting and user safety. There should be minimum 7 blade and shall be constructed of precision cast of aluminum alloy #713. The blade shall be driven by the petrol engine that shall have a direct drive connection. The blade shall be precision balanced and attached to the engine shaft with a split taper-lock bushing.

(4) The unit shall be designed to attach a ventilation air duct to either the inlet or outlet side of the fan allowing for both positive and negative pressure ventilation.

(5)The unit shall be tested to AMCA 210-99 (Negative Pressure or Shroud test with no entrained airflow) and the air movement shall exceed 4500 cubic feet per minute. AMCA Certificate to be enclosed .

(6)The ventilator shall be designed with the following:

Engine Manufacturer:	Honda or Briggs Stratton Engine
Horsepower:	Minimum 3.5 HP, 4-cycle
Rotations per minute:	2800 RPM
Airflow AMCA 210:	4,500 CFM
Dimensions:	16" deep x 20" wide x 20" high
Weight:	26 kgs

(7)The aforesaid unit should be supplied with high quality duct made with heavy-duty strips. It should come complete with a storage bag and is ideal for moving large quantities of air into hard to reach places. Suitable metal adapter should be provided . Size will be 16 " Dia duct with 20 ft in length.

Criteria for Evaluation of Tenders

- ❖ This is a two-bid tender consisting of:
 - (i) technical bid and
 - (ii) price bid
- ❖ Technical bid which may be named as “Envelope-A” should contain the technical details of the items offered, commercial terms and conditions along with a list of the enclosures such as proof in respect of manufacturer or the authorization letter from the manufacturer, latest local tax clearance certificate if any applicable to the country/origin along with EMD
- ❖ Price bid, which should be furnished separately as “Envelope-B” in the format prescribed in the tender form in a sealed cover, and the same will be opened only after evaluation of the technical bid
- ❖ If more than one model is offered, the rate quoted only in respect of the model qualified for selection as per the criteria laid down for evaluation alone will be taken into consideration. Hence, separate price bid covers may be furnished for each model if more than model is offered.
- ❖ The evaluation of the tender offers will be done in three stages. The rules laid down in Tamil Nadu Transparency of Tenders Act, 1998, Tamil Nadu Transparency in Tenders Rules, 2000 and related rules, will be scrupulously followed.
- ❖ If at any stage, a technical flaw is noticed in following the procedures, the procuring entity will take appropriate decisions and reserve the rights to relax or waive or modify at his discretion any of the condition in the interest of the Department so as to ensure that the overall objective of procurement is not defeated.

Stage I: Rejection of tender offer found technically defective:

- a) Only the tender document supplied by this Office or the tender documents which were downloaded from the department’s website at free of cost should be used and it should be resubmitted in full shape without detaching any page from it.
- b) (i) Each page of the tender document, including technical specifications should be duly signed for having noted the contents of the tender document. Tenders in any forms other than the forms and schedules issued by the department to the tenderer will not be considered and will be rejected as non-responsive.
(ii) Further, the tenderers are requested to put the page number to the tender documents serially including all enclosures while submitting their tender.
- c) (i) Those who do not submit the EMD, as defined in this tender document, along with the tender (unless the vendor is exempted by a specific rule provision for which documents must be submitted along with the tender to prove that he or she is exempted for this particular item) will not be considered.

(ii) In case of partial amount of EMD, the tender will be rejected straightaway and the offer will not be considered. In cases where exemption is sought, a plea for producing the exemption documents later will not be accepted.

- (iii) EMD submitted in a manner other than that specified in the tender document will be considered as not submitted and the tender will be rejected.
- d) (i) A vendor who does not answer all the questions in the Questionnaire will not be considered. Only those offers will be considered in which all questions in the Questionnaire have been answered.
 - (ii) Oversight will not be taken as a reason for not answering a question. It is presumed that a vendor trying for a deal about equipment related with life-saving would show adequate seriousness about furnishing details about the product offered by him or her.
- e) While supplying information in response to the Questionnaire answers such as “will be supplied later” or “will be intimated later” will not be accepted. Such answers will lead to the conclusion that the vendor is either not an authorized dealer of the said company or is not serious about the deal.

Stage 2.(Evaluation of Essential Features as per specifications in the tender form)

The offers that are not rejected at Stage-1, will be examined for the essential features noted below. The information for such evaluation will be taken from those pages of the answers to the questionnaire, which have been signed and carry the seal of the vendor.

Kindly note that information on the pages of the answers to the questionnaire which are not signed or do not carry the seal will be ignored. The information on any pamphlets or brochures submitted by the vendor may be used for corroboration and cross checking of the information supplied by him or her in answer to the questionnaire but may not be used unless this information is provided in a signed answer-sheet carrying the seal. An answer like “Please see the marked portion of the pamphlet or brochure attached” may be taken as not answered. The whole transaction will be conducted on the presumption that a serious vendor knows what he or she is selling.

The following essential features will be considered at this stage:

1. If the tenderer is a manufacturer, attach a proof for the same
2. If the tenderer is not a manufacturer, the offer which is not accompanied with a zeroxed copy of an authorization letter from the manufacturer or some other incontrovertible proof that the vendor is an authorized distributor/dealer of the manufacturer, will be rejected.
3. An offer, which is not accompanied with a certificate of approval of the standard by the competent authority in respect of the product offered, will be rejected.
4. The answers given by the tenderer to the Questionnaire will be taken into account for verification whether the offer made by the tenderer satisfy the specification and other requirements.
5. An offer which does not meet out the detailed specifications will be rejected.

However, the procuring entity will take appropriate decision and reserve the rights to relax or waive or modify at his discretion any of the condition / specification in the interest of the Department so as to ensure that the overall objective of procurement is not defeated.

Stage 3: Selection of the suitable tenders:

The offers that are not rejected during stage 2 above, the technical bids will be further evaluated and finalised based on verification of the sample and the technical details given in the tender document.

Verification /Demonstration of sample

- Sample produced by the tenderers will be verified / tested by the Committee on the date to be specified by the Department in the presence of representative of the concerned tenderer. Hence, it is the responsibility of the tenderer to keep one sample in readiness, so as to produce the same along with tender on the stipulated date or to depute a responsible person to produce the same on or before the date for verification by the Committee without fail for verification. Only if any changes in the date of production of sample, the same will be intimated through proper mode. Further, production of such a sample will, however, be no indication that the items are going to be procured from the vendor.
 - In case, any vendor fails to produce the sample on the date fixed without proper reason, it will be presumed that he is unable to produce the sample and his offer will be rejected. However, the DF&RS or the Committee consider that if the reasons stated by the vendor are reasonable, give more time for production of the sample.
 - While evaluation the tender, or after seeing the sample, additional details, if any required may be called for from the tenderers for which a message will be despatched to him through proper mode. Hence, it is the responsibility of the tenderer to furnish the additional particulars as and when called for. Furnishing of such additional details will, however, be no indication that it is going to be accepted. In case, any vendor fails to furnish the details called for within the stipulated time, it will be presumed that he is unable to furnish the details and not interested in his offer and his offer will be rejected.
 - While evaluating the technical bids if any one of the tendered equipment does not suit the tender conditions as laid down in technical specifications, the DF&RS reserves the right.:
 - (1) To relax or waive or modify at his discretion any of the condition/specification in respect of the equipment in question in the interest of the Department,
 - (or)
 - (2) To reject all the tenders in respect of the equipment in question without assigning any reasons whatsoever and to suitably modify the numbers to be brought among the selected one of other tendered items to suit our requirement.
-

Price Bid Opening

- The Price bid should be furnished in the format given in the tender form in a sealed cover as indicated in the tender for each model separately. While giving the Price Bid, the price details like basic rate (i.e. the rate without taxes and duties) along with separate details of GST, Customs Duty, Freight charges, Insurance for delivery and such other levies that may be applicable must be quoted in the format enclosed. The applicable GST in % and the relevant HSN Code under which the item is classified have to be mentioned under “other details” column.
- The Vendors whose offers have been found to be suitable for the use of this department based on the above mentioned criteria for evaluation alone will be called for opening of their price bid at a later date and time fixed by the department which will be intimated to the tender after the technical evaluation of the tender is completed.
- The Price Bid will be evaluated as per the criteria laid down in Tamil Nadu Transparency in Tender Rules 2000.

Questionnaire to be filled by the tenderer

Note:

- *Kindly give to the point and specific answers on a paper or letter head of your Company and put your signatures and seal at the end. In case you use more than one paper or letterhead, please sign and put seal on each page*
- *Information given on unsigned papers or letterhead will not be taken into account.*
- *The vendor if he wishes, may, apart from the answers to the questionnaire enclose brochures and leaflets. However, the information on any pamphlets or brochures submitted by the vendor may be used for corroboration and cross-checking of the information supplied by him or her in answer to the questionnaire but may not be used unless this information is provided in a signed answer-sheet carrying the seal.*
- *It will be presumed that a vendor who does not answer the questions in this questionnaire is either hiding the information or is not serious about selling his product to the Department.*

Please furnish the particulars in a separate sheet or letter head duly signed by the tenderer :

(1) General information:

Sl.no	Details required	To be filled in by the Tenderer without fail
1	What are the name, address and the e-mail address of your Company?	
2	(a) Are you a manufacturer? If so attach a proof for the same or (b) Are you an authorized distributed/dealer of the manufacturer? If so attach a proof for the same.	
3	Describe the technical aspects in respect of your offer with reference to the detailed specifications given in the tender document for each item under the following headings	
4.	Have you ever been banned by any organizations, if so give furnish the details	

Questionnaire

**(1) Diesel Driven Pump to Drain Water About 2.5 lakhs Liters per hour.
(Dewatering Pumps) with Trolleys.**

Describe the technical aspects in respect of each one of the items offered by you in your tender for the following items with reference to the detailed specifications given in the tender document under the following headings

(Please furnish the particulars in a separate sheet or letter head duly signed by the tenderer)

(1)	Make and model of the offer																												
(2)	Approval if any given by an authorized agency																												
(3)	Describe about the special features of the unit and compliance with reference to each and every part of the specifications given in the tender document in the following format:- <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;">Sl.no. of the Specifications</th> <th style="width: 35%;">Describe the specification given in the tender document</th> <th style="width: 30%;">Furnish special features and compliance report of your offered item</th> <th style="width: 20%;">Mention Deviation if any and the reasons for the same</th> </tr> </thead> <tbody> <tr> <td>A (1) to (10)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C (1) and (2)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>D</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E (i) to (viii)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>F</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sl.no. of the Specifications	Describe the specification given in the tender document	Furnish special features and compliance report of your offered item	Mention Deviation if any and the reasons for the same	A (1) to (10)				B				C (1) and (2)				D				E (i) to (viii)				F			
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F																													
(4)	Describe about the accessories proposed to be supplied with the unit as per the specifications given in the tender document																												
(5)	Whether certification of any competent authority is available for your product? And if so produce a copy of the same.																												
(6)	Please mention warranty details, free maintenance and whether training can be offered by you for your product																												
(7)	Whether you have any local authorized person or dealer to conduct free check up or to respond in case of any need? Whether the main spare parts will be available in local/India and how long it will take to supply the spare parts required in case of any need?																												
(8)	Please indicate the name, address, phone, fax and email address of the organisation to whom you have supplied the offered items within India during the past five years? Please furnish the performance certificate from the user organization if any with your bid. (attach separate sheet if necessary)																												
(9)	Whether you will produce sample for verification by the Committee as indicated in the tender document or not.																												
(10)	Indicate the delivery period required																												

2. Questionnaire for Heavy Duty Power Saw with Generator:

Describe the technical aspects in respect of each one of the items offered by you in your tender for the following items with reference to the detailed specifications given in the tender document under the following headings
(Please furnish the particulars in a separate sheet or letter head duly signed by the tenderer)

(1)	Make and model of the offers : (a) Heavy Duty Power Saw : (b) Generator :																
(2)	Approval/Certification if any given by an authorized agency is available? and if so produce a copy of the same. (a) Heavy Duty Power Saw : Generator :																
(3)	Describe about the special features of the unit and compliance with reference to each and every part of the specifications given in the tender document in the following format:- <table border="1" data-bbox="293 982 1438 1331"> <thead> <tr> <th>Sl.no. of the Specifications</th> <th>Describe the specification given in the tender document</th> <th>Furnish special features and compliance report of your offered item</th> <th>Mention Deviation if any and the reasons for the same</th> </tr> </thead> <tbody> <tr> <td>A (1) to (11)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B (1) to (3)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C (i) to (xv)</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sl.no. of the Specifications	Describe the specification given in the tender document	Furnish special features and compliance report of your offered item	Mention Deviation if any and the reasons for the same	A (1) to (11)				B (1) to (3)				C (i) to (xv)			
Sl.no. of the Specifications	Describe the specification given in the tender document	Furnish special features and compliance report of your offered item	Mention Deviation if any and the reasons for the same														
A (1) to (11)																	
B (1) to (3)																	
C (i) to (xv)																	
(4)	Describe about the accessories proposed to be supplied with the unit as per the specifications given in the tender document																
(5)	Please mention warranty details, free maintenance and whether training can be offered by you for your product																
(6)	Whether you have any local authorized person or dealer to conduct free check up or to respond in case of any need? Whether the main spare parts will be available in local/India and how long it will take to supply the spare parts required in case of any need?																
(7)	Please indicate the name, address, phone, fax and email address of the organization to whom you have supplied the offered items within India during the past five years? Please furnish the performance certificate from the user organization if any with your bid. (attach separate sheet if necessary)																
(8)	Whether you will produce sample for verification by the Committee as indicated in the tender document or not.																
(9)	Indicate the delivery period required																

3. Questionnaire for Heavy Duty Power Saw with inbuilt engine – approx..36” :

(1)	<p>Make and model of the offers :</p> <p>(c) Heavy Duty Power Saw :</p> <p>(d) Generator :</p>																																
(2)	<p>Approval/Certification if any given by an authorized agency is available? and if so produce a copy of the same.</p> <p>:</p>																																
(3)	<p>Describe about the special features of the unit and compliance with reference to each and every part of the specifications given in the tender document in the following format:-</p> <table border="1" data-bbox="297 726 1438 1171"> <thead> <tr> <th data-bbox="297 726 566 894">Sl.no. of the Specifications</th> <th data-bbox="566 726 959 894">Describe the specification given in the tender document</th> <th data-bbox="959 726 1224 894">Furnish special features and compliance report of your offered item</th> <th data-bbox="1224 726 1438 894">Mention Deviation if any and the reasons for the same</th> </tr> </thead> <tbody> <tr> <td data-bbox="297 894 566 953">A (1) to (4)</td> <td data-bbox="566 894 959 953"></td> <td data-bbox="959 894 1224 953"></td> <td data-bbox="1224 894 1438 953"></td> </tr> <tr> <td data-bbox="297 953 566 991">B</td> <td data-bbox="566 953 959 991"></td> <td data-bbox="959 953 1224 991"></td> <td data-bbox="1224 953 1438 991"></td> </tr> <tr> <td data-bbox="297 991 566 1029">C</td> <td data-bbox="566 991 959 1029"></td> <td data-bbox="959 991 1224 1029"></td> <td data-bbox="1224 991 1438 1029"></td> </tr> <tr> <td data-bbox="297 1029 566 1066">D</td> <td data-bbox="566 1029 959 1066"></td> <td data-bbox="959 1029 1224 1066"></td> <td data-bbox="1224 1029 1438 1066"></td> </tr> <tr> <td data-bbox="297 1066 566 1104">E</td> <td data-bbox="566 1066 959 1104"></td> <td data-bbox="959 1066 1224 1104"></td> <td data-bbox="1224 1066 1438 1104"></td> </tr> <tr> <td data-bbox="297 1104 566 1142">F</td> <td data-bbox="566 1104 959 1142"></td> <td data-bbox="959 1104 1224 1142"></td> <td data-bbox="1224 1104 1438 1142"></td> </tr> <tr> <td data-bbox="297 1142 566 1180">G</td> <td data-bbox="566 1142 959 1180"></td> <td data-bbox="959 1142 1224 1180"></td> <td data-bbox="1224 1142 1438 1180"></td> </tr> </tbody> </table>	Sl.no. of the Specifications	Describe the specification given in the tender document	Furnish special features and compliance report of your offered item	Mention Deviation if any and the reasons for the same	A (1) to (4)				B				C				D				E				F				G			
Sl.no. of the Specifications	Describe the specification given in the tender document	Furnish special features and compliance report of your offered item	Mention Deviation if any and the reasons for the same																														
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(4)	<p>Describe about the accessories proposed to be supplied with the unit as per the specifications given in the tender document</p>																																
(5)	<p>Please mention warranty details, free maintenance and whether training can be offered by you for your product</p>																																
(6)	<p>Whether you have any local authorized person or dealer to conduct free check up or to respond in case of any need? Whether the main spare parts will be available in local/India and how long it will take to supply the spare parts required in case of any need?</p>																																
(7)	<p>Please indicate the name, address, phone, fax and email address of the organization to whom you have supplied the offered items within India during the past five years? Please furnish the performance certificate from the user organization if any with your bid. (attach separate sheet if necessary)</p>																																
(8)	<p>Whether you will produce sample for verification by the Committee as indicated in the tender document or not.</p>																																
(9)	<p>Indicate the delivery period required</p>																																

4. Questionnaire for Multi Gas Detector:

Describe the technical aspects in respect of each one of the items offered by you in your tender for the following items with reference to the detailed specifications given in the tender document under the following headings

(Please furnish the particulars in a separate sheet or letter head duly signed by the tenderer)

(1)	Make and model of the offer :		
(2)	Approval/Certification if any given by an authorized agency is available ? and if so produce a copy of the same		
(3)	Describe about the special features of the unit and compliance with reference to each and every part of the specifications given in the tender document in the following format:-		
	Sl.no. of the Specifications	Describe the specification given in the tender document	Furnish special features and compliance report of your offered item
	A (i) to (vii)		Mention Deviation if any and the reasons for the same
	B (i) to (v)		
	C (i) to (vii)		
	D (i) to (ix)		
	E (i) to (ix)		
	F (i) to (iv)		
	G (i) to (x)		
	H (i) to (vi)		
	I (i) to (vi)		
	J (i) to (iv)		
	K (i) to (vii)		
	L (i) to (iii)		
	M (i) to (iii)		
	N		
(4)	Describe about the accessories proposed to be supplied with the unit as per the specifications given in the tender document		
(5)	Please mention warranty details, free maintenance and whether training can be offered by you for your product		
(6)	Whether you have any local authorized person or dealer to conduct free check up or to respond in case of any need? Whether the main spare parts will be available in local/India and how long it will take to supply the spare parts required in case of any need?		
(7)	Please indicate the name, address, phone, fax and email address of the organization to whom you have supplied the offered items within India during the past five years? Please furnish the performance certificate from the user organization if any with your bid. (attach separate sheet if necessary)		
(8)	Whether you will produce sample for verification by the Committee as indicated in the tender document or not.		
(9)	Indicate the delivery period required.		

5. Questionnaire for Rechargeable Search Light:

Describe the technical aspects in respect of each one of the items offered by you in your tender for the following items with reference to the detailed specifications given in the tender document under the following headings
(Please furnish the particulars in a separate sheet or letter head duly signed by the tenderer)

(1)	Make and model of the offer :			
(2)	Approval/Certification if any given by an authorized agency is available? and if so produce a copy of the same			
(3)	Describe about the special features of the unit and compliance with reference to each and every part of the specifications given in the tender document in the following format:-			
	Sl.no. of the Specifications	Describe the specification given in the tender document	Furnish special features and compliance report of your offered item	Mention Deviation if any and the reasons for the same
	A (i) to (ix)			
	B			
	C			
	D			
	E			
	F			
(4)	Please mention warranty details and free maintenance for your product			
(5)	Whether you have any local authorized person or dealer to conduct free check up or to respond in case of any need? Whether the main spare parts will be available in local/India and how long it will take to supply the spare parts required in case of any need?			
(6)	Please indicate the name, address, phone, fax and email address of the organization to whom you have supplied the offered items within India during the past five years? Please furnish the performance certificate from the user organization if any with your bid. (attach separate sheet if necessary)			
(7)	Whether you will produce sample for verification by the Committee as indicated in the tender document or not.			
(8)	Indicate the delivery period required			

6. Questionnaire for Rain Suits:

Describe the technical aspects in respect of each one of the items offered by you in your tender for the following items with reference to the detailed specifications given in the tender document under the following headings

(Please furnish the particulars in a separate sheet or letter head duly signed by the tenderer)

(1)	Make and model of the offer :		
(2)	Approval/Certification if any given by an authorized agency is available ? and if so produce a copy of the same		
(3)	Describe about the special features of the unit and compliance with reference to each and every part of the specifications given in the tender document in the following format:-		
	Sl.no. of the Specifications	Describe the specification given in the tender document	Furnish special features and compliance report of your offered item
	A (i) to (iv)		Mention Deviation if any and the reasons for the same
	B (1) to (10)		
(4)	Please mention warranty details and free maintenance for your product		
(5)	Whether you have any local authorized person or dealer to conduct free check up or to respond in case of any need? Whether the main spare parts will be available in local/India and how long it will take to supply the spare parts required in case of any need?		
(6)	Please indicate the name, address, phone, fax and email address of the organization to whom you have supplied the offered items within India during the past five years? Please furnish the performance certificate from the user organization if any with your bid. (attach separate sheet if necessary)		
(7)	Whether you will produce sample for verification by the Committee as indicated in the tender document or not.		
(8)	Indicate the delivery period required.		

**Questionnaire for Item no. 7 & 8 – Out Board Motors for inflatable Rubber Boats
9.9 hp and 25 hp :**

General information:

Sl.no	Details required
1	The name, address and the e-mail address of the Company?
2	Are you an authorized distributor/dealer of the Manufacturer of the products offered? In case you are yourself manufacturer, you may mention so.
3	Have you ever been banned by any organizations, if so give furnish the details

Details required on the products quoted:

Describe the technical aspects in respect of each one of the items offered by you in your tender for the following items with reference to the detailed specifications given in the tender document under the following headings (Please furnish the particulars in a separate sheet or letter head duly signed by the tenderer)	
1	Make and model of the motor offered
2	Please mention the H.P. and Engine stroke of the motor
3	Whether it has the starting capacity by petrol with running capacity by petrol.
4	Please mention warranty details, free maintenance available for boat and motor and whether training can be offered by you for your product
5	Whether you have any local authorised person or dealer to conduct free check up or to respond in case of any need? Whether the main spare parts will be available in local/India and how long it will take to supply the spare parts required in case of any need?
6	Please indicate the name, address, phone, fax and email address of the organisation to whom you have supplied the offered items within India during the past five years? Please furnish the performance certificate from the user organization if any with your bid. (attach separate sheet if necessary)
7	Whether you will produce sample for verification by the Committee as and when called for.

Questionnaire for Item no.9 Smoke Exhausters:

1	Make and model of the motor offered		
2	Please mention about the salient features of the Equipment		
(3)	Describe about the special features of the unit and compliance with reference to each and every part of the specifications given in the tender document in the following format:-		
	Sl.no. of the Specifications	Describe the specification given in the tender document	Furnish special features and compliance report of your offered item
	(1)		Mention Deviation if any and the reasons for the same
	(2)		
	(3)		
	(4)		
	(5)		
	(6)		
	(7)		
3	Please mention warranty details, free maintenance available for the Product and whether training can be offered by you for your product		
4	Whether you have any local authorised person or dealer to conduct free check up or to respond in case of any need? Whether the main spare parts will be available in local/India and how long it will take to supply the spare parts required in case of any need?		
5	Please indicate the name, address, phone, fax and email address of the organisation to whom you have supplied the offered items within India during the past five years? Please furnish the performance certificate from the user organization if any with your bid. (attach separate sheet if necessary)		
6	Whether you will produce sample for verification by the Committee as and when called for.		

To be attached with Envelope A

UNDERTAKING FOR EXECUTION OF CONTRACT
Tender for the Supply of Articles.
(To be signed by the tenderer)

To

The Governor of Tamil Nadu,
represented by
The Director,
Office of the Director of Fire & Rescue Services,
Egmore, Chennai 600 008.

I, _____ hereby contract and agree on the acceptance of this Tender to supply to the Government of Tamil Nadu (hereinafter referred to as “the Government”) in accordance with the conditions of contract stated below, the articles specified in the schedule below of the quality of sort and at the rate of price therein specified and I hereby forward a sum of Rs.....(Rupees only) as Earnest Money Deposit to be returned to me if this tender is not accepted.

If this tender should be accepted, I hereby undertake to execute within the date specified the department, a contract in accordance with the terms and conditions of contract aforesaid together with such further usual conditions as before the execution of the contract may be agreed upon between the successful Tender and the authority concerned in the Department.

Signature of the Tenderer
with Date and Seal.

CONDITIONS TO BE INCORPORATED IN THE AGREEMENT TO BE MADE WITH THE SUCCESSFUL TENDERER (Information to the tenderer)

1. This contract is to last for one year certain from its date. But in the event of any breach of agreement at any time on the part of the contractor, the contract shall be terminated by the Director of Fire and Rescue Services, Chennai on behalf of the Governor of Tamilnadu upon giving fifteen days' notice to the contractor.
2. The articles to be supplied under this contract are to be of the quality or sort above mentioned and in every respect equal and answerable to the patterns or submitted during evaluation and such as the Director or any other duly authorised by him shall approve.
3. The articles are to be delivered free of charge at the contractor's risk in such quantities or number at such times and in such manner as the Director of Fire and Rescue Services, Chennai or anyone duly authorised by him shall from time to time order.
4. Rejected articles shall be removed by and at the expense of the contractor within seven days after notice shall have been given him of the rejection. If not so removed, the Director of Fire & Rescue Services, Chennai may cause the articles to be removed and charge the contractor with all expenses incurred in such removal.
5. In case of failure by the contractor to deliver articles demanded from him within the period limited for delivery or in case of articles delivered by him not being the stipulated quality, sort, weight or measure or in case of articles being delivered without a correct invoice in triplicate, the Director of Fire & Rescue Services, Chennai or anyone duly authorised by him shall have power to reject any such articles and to purchase others instead of any articles so rejected or not delivered unless the contractor shall himself forthwith supply orders that shall be sufficient and satisfactory and any excess cost so incurred by the Government over the contract price together with all charges and expenses attending the purchase shall be recoverable by the Government from the contractor.
6. In case of failure to complete the supplies within the date of delivery specified in terms of the contract placed on the contractor the difference between his offer and the next selected offer shall be recoverable by the Government from the contractor.
7. The contract or any part, share or interest in it is not to be transferred or assigned by the contractor directly or indirectly to any person or persons whomsoever without the written consent of the Director of Fire & Rescue Services, Chennai.
8. The contractor shall make his own arrangements for obtaining import licences in respect of articles tendered for supply under this contract from the authorities concerned and in no case will his applications in this regard be forwarded.
9. With every delivery of articles under the contract, the contractor should send invoices or bills in triplicate, which after verification will be passed for payment.
10. The Government hereby agree that during the term fixed by this contract, and except as herein provided Government shall not purchase from any persons other than the contractor or from any Company or Corporation all or any quantities of the goods or materials agreed to be supplied by the contractor.

11. Nothing herein contained shall prevent the Director of Fire and Rescue Services, Chennai from at any time requiring the contractor to supply and delivery any larger number of any one or more of the said articles than the number of the same mentioned in the said schedule and in any such case and so often as the same shall happen, the contractor shall and will supply and deliver as aforesaid such additional number of all or any of the said articles subject to the several provisions herein contained as shall be required by him and nothing herein contained shall render it obligatory on the Director of Fire and Rescue Services, Chennai to take from the contractor the whole or any of the said articles and the contractor shall supply and deliver under this contract only such of the said articles as shall from time to time be required by or on behalf of the Director of Fire & Rescue Services, Chennai.
12. Any notice to the contractor shall deemed to be sufficiently served if given or left in writing at his usual or last known place of abode or business.
13. The contractor shall furnish money security for the due fulfillment of the contract equivalent to **5 percent** of the total value of the supplies contracted for. This security may be in the form of Cash or Demand draft or Bankers' cheque or specified small savings instruments or where the procuring entity deems fit, irrevocable bank guarantee in a prescribed form.
14. Upon the complete fulfillment of this contract by the contractor to the satisfaction of the Government or any officer duly authorized by them, the security furnished by the contractor shall be returned to him, less the amount if any due by the contractor to the Government

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OTHER GENERAL TERMS AND CONDITIONS FOR THE TENDER FOR THE SUPPLY OF THE TENDERED ITEMS TO FIRE AND RESCUE SERVICES DEPARTMENT.

Tender Form

1. The tender schedule is not transferable and only the tenderer to whom it is officially issued by the Fire and Rescue Services Department should use it.
2. The Vendors who have downloaded the Tender documents from the departmental website must intimate the same through the following e-mail addresses : fire_camp@hotmail.com, ddhq.tnfrs@gov.in, so that any changes can be intimated. Otherwise, it will be considered that the vendor is doing it at his own risk.
3. Only the original tender document supplied by this Office or the tender documents which have downloaded from the department's website should be used and it should be resubmitted in full shape without detaching any page from it duly signed on each page for having noted the contents of the tender document. Xerox copies of copies typed on paper will not be accepted and the offer will be rejected.
4. Incomplete tender documents will be rejected.
5. When the tender is made by an individual, it shall be signed with his name and address and in case of partnership firm, it shall be signed by one of the Partners empowered to submit tenders on behalf of the partnership as contemplated. If it is made by a Company or Corporation it shall be signed by an officer duly authorised for the purpose. In all cases, the status of the tenderer, whether a Proprietorship, Partnership, Company or Corporation should be furnished in the covering letter with full address of the tenderer's name, names of Partners, Directors etc., The tenderer should also furnish such particulars / evidence as may be required by the competent authority in this Department before execution of the agreement.
6. If any covering letter accompanying the tender document is in the tenderers letter head form, all terms and conditions printed therein should be scored out and duly authenticated. It should be distinctly understood that such printed terms and conditions in the letter head will not have any binding on this Department and those terms and conditions quoted in the tender document only will be considered.
7. No erasures, interpolations or alterations will be allowed except when initialed by the tenderer.
8. The vendor if he wishes, may, apart from the answers to the questionnaire enclose brochures and leaflets.

Earnest Money Deposit

- 9 .(a) Earnest Money Deposit as mentioned in the Top Sheet of the Tender document should be paid along with tender by way of Bankers cheque or DD in favour of the Director of Fire & Rescue Services Department, Chennai should be compulsorily appended with the tender document. Specified small savings instruments or irrevocable bank guarantee will also be accepted. Personal / Company cheques will not be accepted.

- (b) Any tender submitted without EMD and partial payment of EMD will be summarily rejected.
- (c) In case of unsuccessful tenderers, their Earnest Money Deposit will be returned to them in due course soon after the final decision is taken on the tenders by the department. The Earnest Money of unsuccessful tenderers outside Tamil Nadu State will, however, be returned by money order or by DD and the money order commission or DD commission will be deducted from the amount refundable. The Earnest Money Deposit will not bear any interest.

Prices: Details to be furnished and conditions

- 10. (a) Rates should be shown distinctly in words as well as figures.
- (b) Prices quoted should include the cost of all accessories essential to make the equipment/ article fully functional.
- (c) The price bid should be furnished as mentioned in the "Important instructions to the Vendor" given in the tender document.
- (d) If a foreign vendor is willing to participate in the tender directly, he should furnish his offer as mentioned in the "Important instructions to the Vendor" given in the tender document.
- (e) Further, the tenderer shall agree to extend the validity of the tender without altering the substance and prices of their Bid for further periods, if any, required by the purchaser.
- (f) No charges other than those mentioned in the supply order will be paid under any circumstances.

Demonstration of equipment and Evaluation

- 11. (a) The evaluation of tenders will be made as per Stage-3 of "Criteria for evaluation of tenders" given in the tender document.
- (b) The tenderer should produce the equipment / materials which he has quoted in the tender document for demonstration before the evaluation committee as and when called for.
The tender will be rejected if the article is not produced for demonstration and the Earnest Money Deposit is liable to be forfeited in the event of such failure.
- (c) Each sample produced for demonstration must have a label attached to it, showing clearly the name of the tenderer and the country of manufacture.

Warranty

- 12 (a) The warranty period shall be as may be stipulated for the article concerned from the date of supply.
- (b) The warranty shall cover defects in materials or bad workmanship under normal use and service for the period of warranty notwithstanding the fact that the material were inspected and approved by inspecting officers.

Acceptance of tender

- 13 (a) The lowest tender will not necessarily be accepted.
(b) Notification of acceptance of tender by the Department shall be deemed to result in and constitute a valid and considered contract binding on the tenderer. If the tenderer withdraws his / her tender after acceptance by the Department, the EMD shall be forfeited.

Release of Purchase Order.

14. The contractor should examine carefully the purchase order immediately on receipt and bring to the notice of the indenting officer within five days of receipt of purchase order and discrepancy with regard to the quantity ordered, specifications, packing, etc., for prompt rectification. The letter should be sent by registered post Acknowledgement due. Meanwhile, supply of the materials, which are cleared in all respects for despatch and acceptance by the consignees shall be arranged by the date mutually, agreed upon and should not be held up for any reason whatsoever.

Security Deposit

- 15(a) Security Deposit equivalent to **5** percent of the total value of the supplies contracted for will have to be furnished by the successful tenderer. This security may be in the form of Cash or Demand draft or Bankers' cheque or specified small savings instruments or where the procuring entity deems fit, irrevocable bank guarantee in a prescribed form. This is liable to be forfeited either in full or in part for any breach of conditions of contract or default on the part of the contractor.
(b) If the successful tenderer fails to remit the Security Deposit and execute the agreement within the period specified the Earnest Money Deposit will be forfeited. The security deposit will be refunded only upon satisfactory fulfillment of the contract after completion of supply of the entire materials ordered and expiry of the guarantee period duly adjusting the amount due to the Department if any.
(c) Security Deposit paid by the successful tenderer will not bear any interest.

Agreement

- 16 (a) The successful tenderer should execute an agreement in non-judicial stamp paper, having a face value of Rs.100/- or any other value intimated in the provisional order within the date specified therein in the Form, which can be seen at the Office of the Director of Fire & Rescue Services, Chennai, for the due fulfillment of the contract. The Stamp duty on the agreement shall be borne by the successful tenderer.
(b) On their executing the agreement, the Earnest Money will be returned to them. In case firms outside Tamil Nadu State the EMD will be returned by money order or by DD and the money order commission or DD commission will be deducted from the amount refundable
© As a manufacturer, if the tenderer is from abroad, payment terms for imports shall be based on standard terms of international trade and the payment will be effected through irrecoverable letters of credit drawn on banks as per the rate fixed as per negotiation. Further, since it is an open tender the rate fixed as per negotiation and not exceeding the exchangeable rate of Indian Rupee applicable on the date of opening of technical-cum- commercial bid will be paid.

. Delivery

- 17 (a) The rates accepted will be for delivery at such destinations as indicated in the tender document or in subsequent purchase order.
- (b) The delivery period should be mentioned by the Tenderers in their offers. However, the maximum time limit for supply of the goods will be fixed by the Director while executing the agreement with the successful tenderer. The supplier shall reckon the delivery period from the date of receipt of the purchase order. The date of delivery as per postal acknowledgement due in the case of purchase order sent by post or the date of delivery if delivered in person or through special messenger shall be deemed to be the date of receipt of the purchase order.
- (c) Delivery period is inclusive of pre-delivery inspection. The date of delivery of materials in good condition to the consignees shall be the date of supply. The rate of progress indicated in the purchase order should be maintained. The materials should be delivered to the consignees as per the purchase order placed.

Acceptance of materials by the consignee:-

18. If on examination of the sample, any portion of the supplied materials / equipment is found to be damaged or substandard or not fully in accordance with the relevant specifications, the whole supply shall be rejected irrespective of the fact that this material was cleared under pre-delivery inspection. The materials / equipment should strictly conform to the specifications given in the tender conditions. In case of doubt whether the materials conform to the specifications or not, the decision of the consignee shall be final. The consignee has right to reject the equipment found not conforming to the specifications and they should be replaced within seven days at the cost of the supplier.

Penalty: -

- 19 (a) Where their supply is not completed within the delivery schedule, without prejudice to the right of the Department to cancel undelivered portion of the purchase order, extension of time may, if so required by the contractor may be granted at the discretion of this Department. Such extension of time will entail recovery of penalty from the contractor at one percent per week, on the value of the undelivered quantities subject to a maximum of five percent of the value of the undelivered quantity. However, the Director may waive the penalty on valid reasons as per his discretion. .
- (b) The officer authorised by this Department will have the right to cancel the purchase order and to recover from the contractor liquidated damages at **2%** of the value of the undelivered quantity or the extra financial commitment to this Department on the purchase of the balance quantity, whichever is higher besides forfeiting the security deposit.

Performance guarantee

20. **10 percent of the payment amount will be retained during the warranty period as performance guarantee** and will be paid after successful completion of the warranty depends upon the items if necessary as decided by this Department. Alternatively, if the tenderer gives an irrecoverable Bank Guarantee in lieu of the balance 10 percent, the department reserves the right to accept the same.

Payment:

21. On successful completion of supply to the satisfaction of the Fire & Rescue Services Department and on receipt of the invoice bill in triplicate, 100% payment will be settled immediately. .

Others:

22. The tenderer should furnish details of orders executed for Government Departments / Departments / autonomous boards etc., and details of orders on hand or pending execution. Certificates in proof of these should also be furnished.

23. The Director of Fire & Rescue Services Department, Chennai, acting on behalf of the Governor of Tamil Nadu or any other authority empowered in this matter shall have the right of rejecting any tender without assigning any reason for doing so.

24. The proposed quantity to be procured in respect of each item is mentioned in the tender document in relevant page. However, the Director of Fire & Rescue Services Department, Chennai or any other authority empowered shall have the right or requiring a successful tenderer to supply a greater number or reduce the number than the number or quantity mentioned in the schedule.

25. Tenders will be liable to rejection for the following reasons apart from any other reasons mentioned anywhere else in this document.

- a. If the country of manufacture and of the origin of material used in manufacture of articles is not noted in the tender.
- b. If the tender is not in the form supplied by this Office or downloaded from the departmental website.
- c. If the offer is not as per the specifications mentioned in this tender document.
- d. If samples of / models of articles quoted are not submitted as and when required for technical evaluation test.
- e. If the tender is not accompanied by the receipt of Earnest Money.
- f. If the tenderer enters any restriction on other conditions in his tender.
- g. If the tenderer enters one rate in figures and another in words and declines to abide by the lower of the two.
- h. If the tenderer alters the period of supply or expunges any clause in the form of tender, and
- i. If the tender is presented without signature.

Reservation of rights

26. The authority competent reserves the rights:-

(1) The Tender Inviting Authority may extend the last date and time for receiving tenders after giving adequate notice to all intending tenderers in cases where:-

- (a) the publication of the tender notice has been delayed
- (b) the communication of changes, in the tender documents to the prospective tenderers took time
- (c) any of the tenderers requested clarifications communication of which took time to all the tenderers and
- (d) any other reasonable grounds exist, for such extension which shall be recorded in writing by the Tender Inviting Authority.

(2) If at any stage, a technical flaw is noticed in following the procedures, the procuring entity will take appropriate decisions to ensure that the overall objective of procurement is not defeated.

(3) After negotiation with the tenderer and before passing the order accepting a tender, if the Tender Accepting Authority decides that the price quoted by such tenderer is higher by the percentage as may be prescribed over the schedule of rates or prevailing market rates, the tender shall be rejected.

(4) The Tender Accepting Authority before passing the order accepting a tender, may also reject all the tenders for the reasons such as changes in the scope of procurement, lack of anticipated financial resources, court orders, accidents or calamities and other unforeseen circumstances.

(5) The purchaser reserves the right to:-

- (i) Vary the quantity finally ordered to the extent of 25% indicated in the Tender document.
- (ii) To split the tender quantity and place orders on one or more than one firm to meet the delivery requirements.
- (iii) Recover losses, if any, sustained by this Department, from the supplier who pleads his inability to supply and backs out of his obligation after award of contract. The EMD and the Security Deposit paid shall be forfeited.
- (iv) To cancel the orders for not keeping up the delivery schedule.
- (v) To award contract to one or more tenderers in respect of each item covered by the tender.
- (vi) To reject any or all the tenders without assigning any reasons therefor.
- (vii) To relax or waive or modify at his discretion any of the condition / Specification in the interest of the Department.
- (viii) The decision of the tender accepting authority in this regard shall be final, Conclusive and binding on the supplier.

Certificates and Details to be furnished

27. Sales tax verification certificate or Sales Tax Return filed for the last financial year (2017-18) should be furnished by the Tenderer along with his offer.

28. The following certificates may also be furnished:

- (i) GST Registration Certificate duly self-attested
 - (ii) Copy of Registration of the Company registered under Companies Act or under any other Act
 - (ii) Copy of ISO Registration if any
 - (iii) Valid NSIC Registration Certificate, if registered under NSIC
 - (iv) Valid SSI Registration Certificate, if registered under SSI.
-

CERTIFICATE BY THE TENDERER

I / we have gone through the terms and conditions and will abide by them as laid down above and in other sections of this Tender document.

I / We hereby declare that the particulars furnished by us in this offer are true to the best of my / our knowledge and we understand accept that, if at any stage the information furnished are found to be incorrect or false, we are liable for disqualification from this tender and also liable for any penal action that may arise due to the above.

**Signature of the Tenderer
with Date and Seal.**

FORMAT

Item No. 1 PRICE BID FOR SUPPLY OF “Diesel Driven Pump to Drain Water about 2.5 Liters per Hour (Dewatering Pumps) with trolleys”

(Note: To be furnished in “ ENVELOPE –B”)

(Price bid for different makes/models should be furnished for each item in a separate sealed cover. This format may be Xeroxed for furnishing price bid for different make/ models)

S.No	i) Description of article ii) Make and Model iii)Size iv) Country or origin of the article or components (Note: Rate should be given separately for each item/model)	Basic Price	GST	Other taxes, levies, charges including Customs duty, transportation charges, insurance charges etc. (specify each one separately)	Total including GST and all other taxes and levies and charges	Quantity as per tender	Grand Total for entire quantity including all other taxes, levies and charge and Sales Tax.	Please mention if any discount is offered	Other details (FOR terms, Payment terms, Validity Delivery Schedule, applicable GST in % with HSN Code should be furnished under this column)

Signature of the Tenderer

FORMAT

Item no. 2 PRICE BID FOR SUPPLY OF “Heavy Duty Power Saw with Generator”

(Note: To be furnished in “ ENVELOPE –B”)

(Price bid for different makes/models should be furnished for each item in a separate sealed cover. This format may be Xeroxed for furnishing price bid for different make/ models)

S.No	i) Description of article ii) Make and Model iii)Size iv) Country or origin of the article or components (Note: Rate should be given separately for each item/model)	Basic Price	GST	Other taxes, levies, charges including Customs duty, transportation charges, insurance charges etc. (specify each one separately)	Total including GST and all other taxes and levies and charges	Quantity as per tender	Grand Total for entire quantity including all other taxes, levies and charge and Sales Tax.	Please mention if any discount is offered	Other details (FOR terms, Payment terms, Validity Delivery Schedule, applicable GST in % with HSN Code should be furnished under this column)

Signature of the Tenderer

FORMAT

Item No. 3 PRICE BID FOR SUPPLY OF “Heavy Duty Power Saw with inbuilt Engine – approx.36”

(Note: To be furnished in “ ENVELOPE –B”)

(Price bid for different makes/models should be furnished for each item in a separate sealed cover. This format may be Xeroxed for furnishing price bid for different make/ models)

S.No	i) Description of article ii) Make and Model iii)Size iv) Country or origin of the article or components (Note: Rate should be given separately for each item/model)	Basic Price	GST	Other taxes, levies, charges including Customs duty, transportation charges, insurance charges etc. (specify each one separately)	Total including GST and all other taxes and levies and charges	Quantity as per tender	Grand Total for entire quantity including all other taxes, levies and charge and Sales Tax.	Please mention if any discount is offered	Other details (FOR terms, Payment terms, Validity Delivery Schedule, applicable GST in % with HSN Code should be furnished under this column)

Signature of the Tenderer

FORMAT

Item no. 4 PRICE BID FOR SUPPLY OF "Multi Gas Detector"

(Note: To be furnished in " ENVELOPE –B")

(Price bid for different makes/models should be furnished for each item in a separate sealed cover. This format may be Xeroxed for furnishing price bid for different make/ models)

S.No	i) Description of article ii) Make and Model iii)Size iv) Country or origin of the article or components (Note: Rate should be given separately for each item/model)	Basic Price	GST	Other taxes, levies, charges including Customs duty, transportation charges, insurance charges etc. (specify each one separately)	Total including GST and all other taxes and levies and charges	Quantity as per tender	Grand Total for entire quantity including all other taxes, levies and charge and Sales Tax.	Please mention if any discount is offered	Other details (FOR terms, Payment terms, Validity Delivery Schedule, applicable GST in % with HSN Code should be furnished under this column)

Signature of the Tenderer

FORMAT

Item no. 5 PRICE BID FOR SUPPLY OF "Rechargeable Spot Search Light"
(Note: To be furnished in " ENVELOPE –B")

(Price bid for different makes/models should be furnished for each item in a separate sealed cover. This format may be Xeroxed for furnishing price bid for different make/ models)

S.No	i) Description of article ii) Make and Model iii)Size iv) Country or origin of the article or components (Note: Rate should be given separately for each item/model)	Basic Price	GST	Other taxes, levies, charges including Customs duty, transportation charges, insurance charges etc. (specify each one separately)	Total including GST and all other taxes and levies and charges	Quantity as per tender	Grand Total for entire quantity including all other taxes, levies and charge and Sales Tax.	Please mention if any discount is offered	Other details (FOR terms, Payment terms, Validity Delivery Schedule, applicable GST in % with HSN Code should be furnished under this column)

Signature of the Tenderer

FORMAT

Item no. 6 - PRICE BID FOR SUPPLY OF “Rain Suits Polyester coated with PVC/Nylon Tefetta fabric”

(Note: To be furnished in “ ENVELOPE –B”)

(Price bid for different makes/models should be furnished for each item in a separate sealed cover. This format may be Xeroxed for furnishing price bid for different make/ models)

S.No	i) Description of article ii) Make and Model iii)Size iv) Country or origin of the article or components (Note: Rate should be given separately for each item/model)	Basic Price	GST	Other taxes, levies, charges including Customs duty, transportation charges, insurance charges etc. (specify each one separately)	Total including GST and all other taxes and levies and charges	Quantity as per tender	Grand Total for entire quantity including all other taxes, levies and charge and Sales Tax.	Please mention if any discount is offered	Other details (FOR terms, Payment terms, Validity Delivery Schedule, applicable GST in % with HSN Code should be furnished under this column)

Signature of the Tenderer

FORMAT

Item no. 7 - PRICE BID FOR SUPPLY OF “Out Board Motors for Inflatable Rubber Boats – 9.9 hp ”

(Note: To be furnished in “ ENVELOPE –B”)

(Price bid for different makes/models should be furnished for each item in a separate sealed cover. This format may be Xeroxed for furnishing price bid for different make/ models)

S.No	i) Description of article ii) Make and Model iii)Size iv) Country or origin of the article or components (Note: Rate should be given separately for each item/model)	Basic Price	GST	Other taxes, levies, charges including Customs duty, transportation charges, insurance charges etc. (specify each one separately)	Total including GST and all other taxes and levies and charges	Quantity as per tender	Grand Total for entire quantity including all other taxes, levies and charge and Sales Tax.	Please mention if any discount is offered	Other details (FOR terms, Payment terms, Validity Delivery Schedule, applicable GST in % with HSN Code should be furnished under this column)

Signature of the Tenderer

FORMAT

Item no. 8 - PRICE BID FOR SUPPLY OF "Out Board Motors for Inflatable Rubber Boats – 25 hp "

(Note: To be furnished in " ENVELOPE –B")

(Price bid for different makes/models should be furnished for each item in a separate sealed cover. This format may be Xeroxed for furnishing price bid for different make/ models)

S.No	i) Description of article ii) Make and Model iii)Size iv) Country or origin of the article or components (Note: Rate should be given separately for each item/model)	Basic Price	GST	Other taxes, levies, charges including Customs duty, transportation charges, insurance charges etc. (specify each one separately)	Total including GST and all other taxes and levies and charges	Quantity as per tender	Grand Total for entire quantity including all other taxes, levies and charge and Sales Tax.	Please mention if any discount is offered	Other details (FOR terms, Payment terms, Validity Delivery Schedule, applicable GST in % with HSN Code should be furnished under this column)

Signature of the Tenderer

FORMAT

Item no. 9 PRICE BID FOR SUPPLY OF “Smoke Exhauster cum Blower”

(Note: To be furnished in “ ENVELOPE –B”)

(Price bid for different makes/models should be furnished for each item in a separate sealed cover. This format may be Xeroxed for furnishing price bid for different make/ models)

S.No	i) Description of article ii) Make and Model iii)Size iv) Country or origin of the article or components (Note: Rate should be given separately for each item/model)	Basic Price	GST	Other taxes, levies, charges including Customs duty, transportation charges, insurance charges etc. (specify each one separately)	Total including GST and all other taxes and levies and charges	Quantity as per tender	Grand Total for entire quantity including all other taxes, levies and charge and Sales Tax.	Please mention if any discount is offered	Other details (FOR terms, Payment terms, Validity Delivery Schedule, applicable GST in % with HSN Code should be furnished under this column)

Signature of the Tenderer

