

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

NOTICE INVITING TENDER

Sealed Tenders are invited for **fabrication of 5(five) Nos. Hazmat Van on 9 Tonner GVW chassis** as per specification laid down in the NIT. The Tenders will have to submit in 2(two) Bid system (Technical Bid and Price Bid) and will be received by the undersigned **on or before 06.08.2013 up to 15.00 hours** and will be opened on the next day at **11.00 hours**. If the Tenders are not opened on the next day due to unavoidable circumstances, the same will be opened on the next working day.

The Tenderers may also download N.I.T. from the website of Fire & Emergency Services, Assam i.e. www.asfso.org

Tenderers or their authorized representatives are invited at the time of opening of Tenders.

Tenders received after due date and time mentioned above by hand or by post will be rejected.

TERMS & CONDITIONS:

1. Tenders must be accompanied by the following:-
 - a) Non-refundable Court fee stamp of Rs. 8.25 (Rupees eight and paise twenty five) only should be affixed on the sealed envelope of Technical Bid.
 - b) The Price Bid should be in second sealed envelope.
 - c) The Price Bid of the eligible Bidders will be opened who will qualify in the Technical Bid.
 - d) The envelope containing Tenders must have the following particulars to be superscribed:-
 - (i) Reference of NIT and its number and date.
 - (ii) Mail and full address of the Tenderer/Bidder.
 - (iii) Date and opening of the Tender.
 - e) Earnest money of Rs. 7,00,000/- (Rupees seven lakhs) only is to be pledged in favour of the Director, Fire & Emergency Services, Assam, Guwahati from any Nationalized Bank or G.P.O., Guwahati in any of the following from free of interest:-
 - (i) Demand Draft.
 - (ii) NSC/ KVP.

The Tenderer will have to sign in the reverse side of the NSC/KVP/Demand Draft. No cash, cheque, draft and call deposit etc. will be accepted.

NOTE:-

- (i) Earnest money of the past Tenders which is yet to be released by this office will not be considered for this Tender.
- (ii) Earnest money of the unsuccessful Tenderers will be released as soon as the Tender is finalized and the earnest money of successful Tenderer will be released after execution of the work order.

2. Tenders must be accompanied by following:-

- (i) Attested copy of VAT Clearance Certificate and VAT Registration Certificate with list of items registered therein.
- (ii) Attested copy of professional Tax Clearance Certificate.
- (iii) Attested copy of PAN Card.
- (iv) Attested copy of recent Passport size photograph of the Tenderer.
- (v) Financial stability certificate from the Nationalized Bank duly attested.
- (vi) Registration Certificate of the firm's workshop/ Industry with the Director of Industries.
- (vii) Latest I.S.O. Certificate of the firm's workshop/ Industry.
- (viii) Past experience details of fabrication of Hazmat Van.
- (ix) Location, address and full detail of workshop/ Industry.
- (x) Where the Tenderer have any existing and valid rate contract with DGS&D and authenticated copy of such rate contract should be furnished.

Note: All the above documents must be attested by Notary.

3. **RATES** :-

- (i) Should be quoted in figure and in words.
- (ii) Should be quoted F.O.R. destination i.e. Director, Fire & Emergency Services, Assam, Panbazar, Guwahati – 781001.
- (iii) Should be exclusive of all charges insurance, incidental charges and entry tax. Local tax if any may be shown extra if applicable.
- (iv) Should be written clearly in figure and in words. Any alteration or overwriting must be fully signed and sealed by the Tenderer himself/ herself.
- (v) Rate quoted in the Tender shall remain **valid up to 31.03.2014.**

4. An undertaking should be submitted by the Tenderer before opening of the sealed Tender stating that he/ she is satisfied with the terms and conditions of the N.I.T. and agree to abide by the same. In case of failure to submit the undertaking, the sealed Tender of the particular firm will not be opened and will be returned back accordingly.

5. Rate should be quoted separately of the items including all accessories, equipments as per specification enclosed.

6. The Tenderer or their representatives/ agents must be present during the Tender opening along with their firms seal and authority letter in case of representatives/ agents. Whatever objection is to be raised should be done during the Tender opening proceeding. Raising objection after the completion of Tender opening proceeding will be treated as null & void and the undersigned is not bound to entertain such objections.
7. Tenders must be addressed to the undersigned by designation and not by name. On the sealed envelope containing the Tender, the words “**Tender for fabrication of Hazmat Van**” should be superscribed and the firm’s seal should be stamped on the body of envelope.
8. Tenders must be sent by registered cover or hand delivered.
9. Tenders without furnishing all the required papers/ documents will automatically stands rejected.
10. Risk of transportation of the duly fabricated Hazmat Van will be borne by the Tenderer themselves after fabrication.
11. The successful Tenderer/ Tenderers will:-
 - (i) be intimated by a letter of acceptance by the office of the Director, Fire & Emergency Services, Assam, Guwahati. Till then no Tenderer has any right to assume that his/ her Tender has been accepted. There shall be no claim whatsoever for compensation for any expenditure incurred by any Tender in anticipation of acceptance letter.
 - (ii) The successful Tenderer shall have to execute the contract agreement to the undersigned.
 - (iii) The successful Tenderers shall have to furnish/ produce Bank Guarantee/ Insurance coverage from any Nationalized Bank/ Insurance Co. covering 100% of the cost of the chassis delivered to them for fabrication before receipt of the chassis from the chassis manufacturer.
 - (iv) Furnish an Indemnity Bond on appropriate stamp paper and a comprehensive insurance cover for the entire cost and safe custody of the chassis until Hazmat Van are fabricated and delivered to the Department.
 - (v) Receipt of chassis by the fabricator at the fabrication site should be intimated to the undersigned immediately without any undue delay.
 - (vi) Once the rates offered in the Tender are accepted, no enhancement of rates will be allowed under any circumstances and the Tenderer will be liable to fabricate at the rates accepted by the Department. Failure to fabricate at the accepted rates will entail the offer being cancelled and the security money will be forfeited to the Govt. of Assam.

12. Fabrication must be of the same specification and quality as offered in the Tender.
13. Delivery must be completed within 120 (one hundred twenty) days from the date of receipt of the work order or chassis. No extension of delivery period will be entertained.
14. A Committee of office bearers to be nominated by the Department shall inspect the fabrication works of Hazmat Van, as regards their satisfactory/ effective functioning. Bill for the fabrication/ payment shall be paid only if the fabrication works in the opinion of the above Committee are found to work satisfactory/ effectively. Any defects noticed pointed out by the above Committee shall have to be rectified by the firm before final receipt of the Hazmat Van by the Department. Documents/ vouchers/ R.R. Bills etc. routed through Banks will not be accepted.
15. The Tenderer shall have the **experience of fabrication and supply 3(three) Nos. Hazmat Van on 9 T GVW chassis or higher capacity in last 3(three) years** to the other Department and that should have a valid document to be submitted with the Tender.
16. The Tenderer will have to furnish a guarantee against defective materials or inadequate design or workmanship for a period of 18(eighteen) months from the date of delivery of fabricated Hazmat Van.
17. Fabricator should have Regional Office/ Representative in Guwahati for immediate response and better after sales service support.
18. The firm should be financially sound and capable of undertaking fabrication of Hazmat Van within stipulated time given by the undersigned as no advance payments will be made.
19. **In case of any legal complicacy arising out of this N.I.T., the jurisdiction will lie at Guwahati High Court only.**
20. The undersigned reserves the right to reject any or all the Tenders without notice or assigning any reason thereof.

Director,
Fire & Emergency Services,
Assam, Guwahati.

SPECIFICATION OF HAZMAT VAN AS PER ISO 9001 : 2000.

Chassis will be supplied by the Department. Presently 2(two) chassis are available with the Department's Head Quarter at Guwahati. The remaining 3(three) chassis will be supplied to the fabricator at their site. The successful Tenderer will have to collect these 2(two) chassis from this Head Quarter, Guwahati. Transportation cost if any to this effect should be mentioned separately.

CABIN

The driver cabin shall be original cabin provided along with the chassis. The cabin shall have 2 doors. Cabin shall have seating arrangement for driver and 2 crew members. (Cabin as provided by chassis manufacturer).

STRUCTURE

Super structure of the appliance shall be welded structure made from MS pressed sections and squares tubes of 2 mm thickness with aluminium paneling outside. The outer paneling shall be done from 1.6 mm aluminium sheet and from aluminium chequered plates 1.2 mm internally. All the MS material used shall be treated for anti-corrosion before paneling is done and shall be presented for inspection. The complete floor and top of the locker compartment shall be covered with 1.6 mm aluminium chequered plates.

REAR BODY

The rear body shall have at least six roller shutters duly powder coated imported only of Reputed Make of Extruded Construction. Shutters should be Roller type. Suitable Roll in Roll out type Drawers made of good quality and strength Alu. Trays to be provided. All Lockers strong grab rails and non-skid steps shall be provided wherever necessary. 2 Nos. of double pipe grab rails mounted on double pipe sockets shall be provided on both the sides of the vehicles. The roof of the vehicle shall be 1.6 mm aluminium chequered plate and their joints shall be given enough sealing to make the roof water tight. The lockers shall have suitable arrangement for stowage of Hazmat cum Rescue equipments as mentioned in the specification. Further fabricator shall also ensure arrangement for stowage of equipments listed in Annexure – 'A'. Arrangement shall be like that some other equipments like personnel protective equipments. BA set and other tools/ tackles required also can be kept for Hazmat cum Rescue operation.

Water tank of 750 Ltrs. capacity made of MS of at least 4 mm thickness of Bottom and 3 mm for sides, top and baffles to be provided complete with connection with Ultra High Pressure Unit. Tank should have a manhole of 450 mm size, level indicator of glass tube type duly protected and calibrated, sludge trap and Drain Hole for cleaning and suitable Baffle plates.

PAINTING AND MARKING

The Hazmat Van shall be painted with DUPONT/ CDS/ ASIAN make "PO RED" paint & thickness of 0.12 to 0.2 mm thickness, using double coat spray painting on the outside. Also on either side of the vehicle (logo of client & name) monogram shall be painted in golden yellow colour at suitable places. The chassis and wheel arches shall be painted black. Two coats of anticorrosion & one zinc phosphate priming coat shall be applied before final painting. The vehicle shall be clearly and permanently marked with the following, preferably on a metal plate attached in the drivers cabin & also near the pump operating control panel.

Manufacturer's name or trademark.

Year of manufacture.
Engine & chassis Nos.

ELECTRICAL EQUIPMENTS

1. Light Bar
GRAND Make Mini Sun Voice Light Bar with PA system and 2 tone siren shall be provided on the roof of the Tender.
2. Search Light with 30 Mtrs.cable Canara/Prolite makes only.(as per Annexure – G)
3. Cable Winch (as per Annexure – H).
4. (Arrangement for VHF sets. The same will be installed later on by user).

GENERAL REQUIREMENTS

The tender shall conform in all respect of the provisions contained in the M.V.Act'1988 and M.V.Rules'1989 or to any other statute modifications or re-enactments thereon from time to time. All the equipment necessary for R.T.O.'s clearance shall be provided on vehicles.

WORKMANSHIP AND MATERIAL

Workmanship executed shall be of the highest order. All directions and instructions on all points related to the fabrication shall be executed whenever given by the purchaser's representative for quality workmanship. All the material to be used in the fabrication of the body work shall be of reputed make and good quality. All equipment and material shall comply with the requirements of the National/ International standards. The structure of the vehicle shall be rattling free and noiseless which in motion.

List of equipments to be supplied with Hazmat Van

Sl.No.	Description	Quantity
1	One Man Electric Chain Saw (single phase/ 240 volt) (Tree/ wood cutter) power watt 2000, Bar length (cm) 60, weight 10 Kg complete with (a) Extra chain, (b) Extra wire, (c) Plug & socket.	2 Nos.
2	Battery operated winch of at least 2 T capacity (imported reputed make only)	1 No.
3	Battery operated tools as per Annexure – 'A'	1 set
4	Lifting Bags set as per Annexure – 'B'	1 No.
5	Leak Sealing Kit as per Annexure – 'C'	1 No.
6	Leak Sealing Plugs as per Annexure – 'D'	1 No.
7	Wedges and Lances 1. Three wedge shaped sealing bag (230 x 63 x 50 mm, 230 x 75 x 55mm, 230 x 110 x 70mm) 2. Cone shaped sealing bag (230 x 63 mm) 3. Splash Disc. 4. Push/ inflation rod with dump valve (1 No.) 5. Push/ inflation rods 350 mm long (4 Nos.) 6. Foot pump 7. Inflation controller with gauge, shut off valve and pressure relief valve.	

	8. Inflation hose	
8	Inflatable self supportive interceptive tank made of double layer rubber coated polyester fabric well resistant to chemicals and oils with floating ring lifts with the fluid level and equipped with a special valve for inflation and deflation and a floating ring with ari and a relief valve, specially suitable for emergency interventions, interception of hazardous fluids and for storing of water fire extinguishing etc. 1000 Ltrs capacity having weight less than 25 Kgs complete with all accessories and fiidable volume note more than 0.05 M3, Fabric should be impregnated with NBR/ PVC Rubber compound.	1 No.
9	Inflatable type lighting tower inflatable emergency lighting system comprises of an inbuilt Gen set (4 stroke engine) runs on petrol having two centrifugal fans for inflation of special synthetic polyester fabric in the shape of tower. It can be extended upto 4.5 M in height. A 400 W HPMH bulb is fitted in the system to give the light uniformly spreading about 10,000 sq.m areas in 3 minutes. The unit is capable of working on 220 V AC and power supply. Total weight of the Tower is not more than 45 Kg accessories required, storage box, trolley, lamp, blower, igniters, capacitor, ballast, MCB fitted with Spark Arrestor.	1 No.
10	Breathing Apparatus as per Annexure – ‘E’	2 Nos.
11	Chlorine Kit	1 Set
12	Gas Tight Chemical Suit (limited use) complete (Tychem TK/ Respirix/ Trelborg make)	2 Nos.
13	Set of Gas Detection Tubes at least 5 major Hazardous Gas complete with 1 Air Sampling Pump	1 Set
14	Set of Gas Detection Strips	1 Set
15	Multi Gas Detector	1 No.
16	Ultra High Pressure type Fire Fighting as well as cooling and Diluting Unit Petrol Engine Driven as per specification in Annexure – ‘F’	1 No.
17	Set of wooden plugs of different size. 10 x 25, 25, 50, 50 x 100 mm all 200 mm long size.	1 Set
18	Set of Teflon/ Polypropelene plugs of different size Taper and of 300 mm length 90 x 25 mm, 60 x 10 mm, 30 x 10 mm	1 Set
19	Hand Gloves as well as PVC suit for chemical handling (specially sewage and other operation.	3 Set
20	Gum Boots with steel Toe for chemical and other handling ISI marked or EN approved of reputed make.	3 Pairs
21	Portable Generator of 2.5 KVA, Petrol Engine Driven Honda or any other equivalent reputed make.	1 No.
22	Portable Eye4 and skin wash kit	1 No.

ANNEXURE – ‘A’

Specification for Battery operated combitool.

Combitool should be light weight, portable with battery integral and having well designed control switches for easy operation even in difficult conditions.

Combitool shall have following features:

- Compact design having in built hydraulic pump and ideal for confined spaces.
- Always ready for use (i.e. shall not require any setup time)
- Not requiring gasoline.
- Not requiring trailing hose.
- Battery used should be commercially available and light weight type.
- Higher power to weight ratio.
- Body of the tool should rotate through 360° independently from handle.

Description	Characteristics
Cutting Force	300 KN
Spreading Force	90 KN
Pulling Force	40 KN
Squeezing Force	40 KN
Spreading Distance	249 mm
Cutting capacity – Round bar	24 mm
Battery type	18 Volts
Charging time	1 Hour (Maximum)
Number of Cycles/ charge	30 – 40 (Approx)
Weight	14 Kg

Combitool shall be provided with spare battery, battery cover, battery charger, wrenches and carrying case supplied by OEM. Combitool should be manufactured by ISO : 9001 : 2000 certified manufacturers.

ANNEXURE – ‘B’

Pneumatic Lifting Bags (1 set)

The Lifting bags should be reinforced with Kevlar Chords. The sizes, lifting capacity, lifting height is to be supplied as mentioned below:-

ANNEXURE – ‘A’

Size (mm)	-	Min. 750 x 750
Lifting Height (mm)	-	Min. 400
Load capacity (Tons)	-	Min. 40
Weight (Kg)	-	Max. 19 Kg.

ANNEXURE – ‘B’

Size (mm)	-	Min. 450 x 450
Lifting Height (mm)	-	Min. 200
Load capacity (Tons)	-	Min. 12
Weight (Kg)	-	Max. 6 Kg.

Accessories:-

1. Deadman controller – 1 No.
2. Shut off cock – 2 Nos.
3. Pressure reducer 200/ 300 bar equipped with hose 2 m – 1 No.
4. Airbag inflation hose 5 m yellow with quick coupling and nipple – 1 No.
5. Airbag inflation hose 5 m blue with quick coupling and nipple – 1 No.
6. BA Air Cylinder CCE approved 300 Bar – 2 Nos.

Manufacturer should have ISO : 9001 : 2000 certification and equipment will all accessories should be of OEM make imported only.

ANNEXURE – ‘C’

Pneumatic Leak Seal Plates

A complete Leak Sealing plate should contain:

Leak Sealing Bag	-	1 No.
Foot Pump with safety valve	-	1 No.
Tension Belt (Yellow, Orange) 10 m length.	-	4 Nos.
Sealing Pad of at least (1000 x 300 x 30 mm)	-	1 No.
Sealing Pad of at least (500 x 300 x 30 mm)	-	1 No.
Inflation Hose (10 meters)	-	2 Nos.

The Leak sealing kit shall be designed for quick and effective sealing of barrels, pipe and tanks.

The sealing bag shall have two opening eyes on each side of fix the pulling straps. The sealing bag shall be made of soft rubber and suitable chord such that flexibility as well as optimum performance is ensured. The bag should be equipped with suitable coupling for inflating and deflating.

Manufacturer should have ISO : 9001 : 2000 certification and equipment with all accessories should be OEM make imported only.

ANNEXURE – ‘D’

Pneumatic pipe plug kit

Plugs for gas

Plugs should be elliptical in design and anti corrosive brass design suitable for oil resistant. Anti static and most useful in gas and oil applications.

Plug size : 2" - 3", 3" - 5", 4" - 6" Approx – 1 No. each size.

Plugs for blocking flow

Size range from 1" to 6" (5 Nos.of different size)

Each plug should be of difference size suitable for application.

Plugs should be oil resistant, anti static and made of best quality rubber having safety factor at least 3 for higher reliability and safety.

By pass plugs

Size range from 2" to 6" (3 Nos. of different size)

Made of best quality having safety factor at least 3 for higher reliability and safety.

Plugs should be oil resistance and anti-static.

Extension hose TR-15-of-3 feet long - 3 Nos.

Co2 inflator, hand held type having integrated manual piston hand pump – 1 No. C/2 cartridge.

Assorted Corks of size 1/8" to 1"

Static discharge kit – 1 set also to be provided.

Static discharge kit – set also to be provided.

All equipments should be provided in one pelican case having automatic purge valve.

Manufacturer should have ISO ; 9001 : 2000 certification and equipment with all accessories should be of OEM make imported only.

ANNEXURE – ‘E’

Self contained Breathing Apparatus:

Open circuit self contained Breathing Apparatus set will be of 6 Ltrs. WC & 300 bar pressure of working duration of 30 Min. & 15 Min. escape duration. The weight of SCBA with charged air cylinder will not exceed 15 Kg. SCBA will be CE marked to EN 137 & air cylinder with valve will have NOC from CCE – Nagpur.

The SCBA will comprise of following:

- Carbon composite Back Plate & Kevlar Blended Harnesses & adjustable 100% Kevlar Cylinder Band.
- Compact & Non-adjustable pressure reducer with PRV.
- Compact, automatic positive pressure & first breathe actuation; bayonet connection Lung Demand Valve.
- SCBA will have DIN quick connect connection with compressed Air Breathing Cylinder Trolley Unit.
- Full Vision Face Mask of silicone rubber with speech diaphragm, five finger head hardness, polycarbonate visor, Facer Mask will be CE marked to EN 136 class – 3.
- Medium & High pressure Hoses.

- Pressure Gauge of SS with Highly luminous dial, protective cover & safety blowout vent at rear. Both Pressure Gauge & Whistle Unit with swivel joint will be shoulder mounted.
- Air cylinder made of seamless steel with ratchet type hand wheeled valve will be of 6 Liters WC 300 bar pressure for total 45 min. duration & will have NOC from CCE – Nagpur.

The Air Cylinder, Lung Demand valve with Face Mask will be compatible or interchangeable with compressed Air Breathing Cylinder Trolley Unit.

ANNEXURE – ‘F’

ULTRA HIGH PRESSURE UNIT

The ultra high pressure unit shall consist of a Piston/ Plunger Pump, Petrol Engine, High Pressure Hose Reels and the Fog Guns.

PUMP

Ultra high pressure piston pump shall be made of brass. It shall be able to discharge 42 LPM of water at a pressure not less than 100 bars. It shall have a manual foam mixer with infinitely adjustable mixing. Delivery directly connected to the hose reel with isolation valve. Suitable safety features shall be provided to divert/ release the pressure in case delivery or hose reel valve is suddenly closed. The pump shall be coupled with separate petrol driven engine. Three of at least 10-12 meter effective length shall be available from fog gun. Screen/filter shall be provided between water tank and pump to ensure that no mechanical impurity enters the pump. The pump shall have oil bath lubrication of suitable type. Pump be Bi-cylinder type. The pump shall be directly coupled with engine. The pump shall be rated to run with engine of approximately 15 HP (Max) continuous power requirements.

HOSE REEL

The Unit shall be equipped with two separate aluminium axial feed hose reels of 30 meters each. The maximum working pressure shall be 180 bar and it shall be having 10 mm nominal diameter. The hose reel must have quick snap type connections at both ends to ensure quick connection to the high pressure unit. All the couplings must be in SS 316 steel. The hose shall be duly tested and approved for mentioned pressure requirement.

ENGINE

Petrol engine, having sufficient power to meet the pump performances shall be having:

No. of cylinder	-	2
Power output	-	15 HP (Max)

The fuel tank shall be capacity for minimum two hours nonstop run. Engine shall having an electronic starting facility. The throttle control of the engine shall be automatic and pressure sensitive i.e. Engine shall run at maximum rated RPM when the operator has opened the fog gun discharge and it shall slow down and run at idling speed when no water is being discharged from any of the fog guns.

FOG GUN

Two fog guns shall be provided along with the unit for connecting it to two hose reels. When operating the gun must discharge water with a reach of 15-20 meters. The fog guns must have a facility to lock the throttle when not in use to prevent accident to the operator. The fog guns must have jet as well as fog mode.

ANNEXURE – ‘G’

TELESCOPIC ROOF MOUNTED MAST: RI SEARCH LIGHT

A compact, low profile, roof mounted folding type, lighting mast, fitted with 4 X 1000 watts water proof halogen lamps. The mast shall be elevated and vertically extended up to 4.5m pneumatically from the roof top. It should be manufactured from Anodized aluminium pipes and have a minimum of 115 mm diameter on its base. The mast shall be installed on the roof of the vehicle at a suitable location.

The light mast shall operate in temperatures of -25 deg C with anti-twist lock, with safety valve and drainage outlet valve.

The telescopic mast should be extremely resistant and designed with a minimum of 4 sections with internal spiraled Electrical cable. Each section of the mast should have a water drainage outlet. The folded and stowed height should not be more than 1800mm. The Light mast will have Halogen flood light and reflectors in weatherproof casing. The floodlights on the top should have a minimum electrical rotation of 355° and a tilt of Suitable connections for taking permanent Power Supply from generator set through an internal spiral wire mounted inside the mast should be provided. Each set of halogen lights should have the possibilities to be switched independently through individual switches. All the functions of the mast, including extension and return to the original position, lights on/off, automatic restore should be possible through a wire remote control. In addition the mast should have the facility to be operated with wireless remote control.

ANNEXURE – ‘H’

CABLE WINCH

An electrically operated cable winch of not less than 6.5 tons pulling capacity (single layer) would be provided and mounted in the front of the vehicle. The winch unit should be complete with minimum 5.5 hp, 12v DC series wound electric reversible motor for increased pulling power. The motor and solenoids shall be grounded to the battery. It shall have an automatic load holding brake system for more strength. For free spooling the clutch design shall be easy to use type with spring loaded pull and rotate system. The gear system should be 3 stage planetary type for faster line speed and the gear reduction ratio shall not be more than 300:1, the rope drum shall not be of more than 8 inches long having 3.5 inches dia and shall be supplied with minimum 90 ft heavy duty galvanized EIPS wire rope with replaceable self locking clevis hook and would be mounted on the front bumper of the vehicle with suitable strong supports and a 4 way roller fairlead. The weight of the winch shall not be more than 55 kgs. A wireless remote shall also be supplied with the unit.

Director,
Fire & Emergency Services,
Assam, Guwahati.

NIT No. F&ES/PS/191/Pt/ 2268-74

Dated Guwahati the 08.07.2013.

Copy to:

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