

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

***NOTICE INVITING TENDER***

Sealed Tender affixing Court fee stamp of Rs. 8.25 (Rupees eight and paise twenty five) only are hereby invited from reputed firms for supply of the following Extraction & Access Equipment **(1) Circular Saw with extra blade – 28 Pcs., (2) Pneumatic Lifting Bag – 4 Pcs., (3) Concrete Cutting Chain Saw Machine – 28 Pcs., (4) Rubber Cutter (Soft Saw) – 2 Pcs.** as per specification laid down in the NIT and will be received by the undersigned **up to 1500 hours on 06.01.2014.** The Tenders will be opened on the next day at **1100 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](http://www.asfso.org)

**TERMS & CONDITIONS:**

1. The Tender shall be submitted in 2 (two) Bid system. (Technical Bid and price Bid).
2. Tender/ Tenders without court fee stamp will be rejected.
3. The Technical Bid should be in a sealed envelope affixing court fee stamp of Rs. 8.25 (Rupees eight and paise twenty five) only. Bidder shall also enclose the following with technical Bid :-
4. The price Bid shall be in the second sealed envelope.  
The price Bid of the eligible bidders will be opened who qualify in the Technical Bid.
5. Both the Technical Bid (in one sealed envelope) and Price Bid (in second sealed envelope) shall be placed in another outer envelope which shall be duly sealed affixing court fee stamp of Rs. 8.25 (Rupees eight and paise twenty five) only.
6. The envelope containing tenders must have the following particulars to be super scribed :-
  - i) Reference of N.I.T., its number and date.
  - ii) Name and full address of the Tenderer/ Bidders.
  - iii) Date of opening of the Tender.
7. i) Tender/ Tenders received after due date and time fixed above will not be accepted.  
ii) Up to date valid Sales Tax/ VAT clearance Certificate/ Permanent Account Number/ VAT Registration certificate/ Income Tax Return for last two years must be submitted by duly attested.
8. Tender once submitted shall be final. No alternation/ modification in the rates and terms and condition in the tender shall be entertained after opening of the Tender.
9. The Tenderer shall have to deposit an amount of Rs. 50,000/- (Rupees fifty thousand) only as earnest money in the Technical Bid in the shape of NSC/ KVP/ Demand Draft/ B.G. to pledge in the name of **Director of Fire & Emergency Services, Assam, Guwahati – 1.** The Tenderer will have to sign in the reverse side of the NSC/ KVP. No cash & cheque etc. will be accepted.
10. The earnest money of the unsuccessful Tenderers will be released as soon as acceptance of the Tender is finalized and the earnest money of the successful tenderers will be released after execution of the work order.

11. Tender should be legibly typed or written and the rates should be written neatly both in figure and words. There should not be any over writing, erasure mark in the rates. In case of over writing or erasure or any such alteration, the tender shall be rejected outright.
12. Failure to fulfill the terms and conditions of the tender notice will lead to rejection of the bid without any reference to the tenderer and no correspondence will be entertained in this regard.
13. Rates quoted should be valid for 1(one) year with a provision for further extension if finally approved.
14. Once the rates offered in the quotation are accepted, no enhancement will be entertained under any circumstances and tenderers will be liable to supply the items at the rate accepted by the Director, Fire & Emergency Services, Assam. Failure to supply the items at the accepted rates will entail the order being cancelled and the Security Money will be forfeited to the Govt. of Assam.
15. All pages of the tender document together with terms and conditions and the documents enclosed with the tender shall be signed by the authorized signatory. Acceptance signing of the Notice Inviting Tender and the detailed terms and conditions in the format of certificate enclosed shall be deemed as the final acceptance of these terms and conditions.
16. The **Extraction & Access Equipment** shall have to be delivered within 60 (sixty) days on receipt of the work order by the supplier.
17. The successful Tenderers shall have to deposit 5% security money of the total value of the work order in the form of Demand Draft/ Bank Guarantee/ NSC/ KVP pledged in the name of the Director of Fire & Emergency Services, Assam, Guwahati – 1 before the placing the formal work order.
18. The equipment should carry a guarantee of 1(one) year with effect from the date of receipt by this department. Any defects if found during this period should be replaced free of cost.
19. Price bid is to be quoted in price bid in a format, e.g. Description, excise duty if any CST/ LST/ VAT and delivery charges F.O.R. destination and total.
20. Any optional/ alternative rates for any item will not be entertained.
21. A Committee of Technical Officers' to be nominated by the undersigned shall examine/ testing the **Extraction & Access Equipment** as regards their satisfactory, effective functionability. Suppliers bill shall be paid only after the Committee's satisfactory report on the workmanship/ functioning the **Extraction & Access Equipment**. Any defect noticed/ pointed out by the above Committee shall be rejected/ replacement by the supplier before final receipt of the same.
22. **In case of any legal complicacy arising out of this N.I.T., the jurisdiction will lie at Guwahati High Court only.**
23. The tenderers must submit the sample of each item and its descriptive literature along with the tender failing which tender will not be entertained.
24. Notwithstanding anything mentioned herein above, the undersigned shall not remain obliged to accept the lowest tender and shall reserve the right to reject any or all the tenders without showing any reasons thereof.

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

## **SPECIFICATION OF EXTRACTION & ACCESS EQUIPMENT:-**

### **(1) CIRCULAR SAW WITH EXTRA BLADE:-**

CIRCULAR (cut off Saw) SAW with 350 mm blade dia, Maximum cutting depth-125 mm, Displacement – 66.7 cm<sup>3</sup>, Long life air filter system, Elastostart, Rugged High-performance 2 mix stroke Engine, Semi-automatic belt tensioning system, Weight – 6.4 Kgs, Vibration level – 3.9 m/s<sup>2</sup>, power Output – 3.2 KW/4.4 bhp.12", Water connection system to reduce heat of cutting wheel, Magnesium Guard, Semi-automatic belt tensioning.

**(Descriptive literature should be submitted with the quotation)**

### **(2) PNEUMATIC LIFTING BAG:-**

#### **SPECIFICATION FOR THE SET OF PNEUMATIC LIFTING BAGS (FLAT TYPE) AND ITS ACCESSORIES**

- 1) Portable and light-weight pneumatic lifting bags consisting of bags, hose assemblies, Pressure gauges, pressure reducers, safety valve, Air bottle connector & controller etc.
- 2) The Pneumatic Lifting bags should be in pairs and the lifting capacities should be of 20 tons and 40 tons at 8-bar air pressure. The lifting capacity on higher side by 10% is allowed than the specified loads. The Pneumatic Lifting Bags and its accessories should comply with all the requirements stipulated under EN 13731.
- 3) The Pneumatic Lifting Bags should be type tested for artificial aging, 34 bar bursting pressure, dynamic fatigue loading, impact test, impulse loading, drop test, piercing test and abrasion test.
- 4) Each Pneumatic (air) Lifting Bag should be constructed of Kevlar Chord Reinforced High Quality Alloy Rubber with 3 layers aramide reinforcement covering the entire top and bottom surface of each lifting bag.
- 5) Each Pneumatic Lifting Bags should be equipped with a brass valve connection 1/8# NPT internal thread and vulcanized into the reinforced corner of bag to which a male connector of quick connect coupling should be threaded in. This male connector should be replaceable if it gets damaged.
- 6) Each Pneumatic Lifting Bags should have a yellow center mark molded into both sides of the lifting bags to centralize the bags when used in multiples. It should have reflective markings on the corners for easy identification when operating in the dark areas.
- 7) The lifting bags should have an inter locking non skid surface molded into each side of the bags. A separate non skid ply which has been vulcanized separately is not acceptable.
- 8) The lifting bags should be of blue colour for better visibility while working in dark areas and during night time. The bags should be provided with a warning and information labels. The information and the warning labels must be in English language and in pictograms for clear understanding. Also it should be marked with date of manufacturer and serial number in such a way that they cannot be erased without damaging the surface. Reflective stickers should be provided on all corners of the bag and a yellow centering cross should be marked in the centre of the bag.
- 9) The insertion height of deflated lifting bag should not be more than 25 mm.
- 10) The Pneumatic Lifting Bags should have maximum working pressure of 8 bar and minimum bursting pressure of 32 bar.
- 11) The air bags should be chemical and some ozone resistant with carrying straps attached to 40 ton bags.

- 12) The Pneumatic Lifting Bags should be able to use in a temp. range of -30° c to 80° c.  
Each set of air bags should be supplied with following accessories:
- 13) Dual Dead man controller 8 bar, housed in a plastic housing with pressure gauge, pressure relief valve and quick connect couplings. This controller should be suitable to inflate two bags at a time.
- 14) The pressure regulator 200/300 bar should be provided with threaded quick connector and 2 mtrs. hose with couplings suitable to fit to normal BA air cylinder by hand without the use of any spanner.
- 15) Inflation hoses should be of polyester or thermo plastic of 100 meter length 2 nos. Red and yellow colour with suitable couplings to both side to connect Dead man controller and air bags. The hoses should have minimum working pressure of 16 bar and should be capable of using in temp range of -40°C to +60°C. The hoses should be resistant to Ultra Violet Light, change of colour, stress or cracking.
- 16) Shut of hoses with built in safety valve should be provided to release the pressure between 8.5 bar and 10 bar.
- 17) The manufacturer should supply operation and maintenance manual with each set in English language.

**(Descriptive literature should be submitted with the quotation)**

### **(3) CONCRETE CUTTING CHAIN SAW MACHINE:**

Weight: 7.6 KG, Displacement – 76 cc, Engine Power – 4.3 Kw (5.8bhp), Fuel Capacity – 780 cc, Diamond Abrasive Chain – 36 GBM, 2-4 Point Anti-vibration system, Elasto Start, M-tronic System (automatic carburetor adjusting system), Metal clutch system, Ergo-start system. Water connection system to reduce heat of cutting chain, tool less fuel system.

#### **Desirable Features**

- Modern, low emissions engine
- HD2 Pleated air filter with increased life time
- High cutting speed
- Optimal water control
- Water control valve mounted directly on the unit
- Light and compact (16.8 lbs)
- Low vibration
- Side chain tensioner
- Captive bar nuts
- High user comfort
- Compact design for improved handling Pre-sharpened diamond segments
- High cutting speed
- Good performance in plunge cuts
- Smooth in the cut
- Repair kits available for damaged or broken chain links

**(Descriptive literature should be submitted with the quotation)**

**(4) RUBBER CUTTER (SOFT SAW):**

Battery operated rubber cutter, minimum cutting Depth:11mm, Engine rating: 10.8V, Rated speed: 700 rpm, Auto sharpening, Weight: 1kg, Battery Technology: Li-ion, Auto-sharp: Self sharpening function, Cutting per battery charge: 200 meters, Charging Time: 30 hrs, Number of battery: 1 No., One Extra battery should be provided with the unit. The machine should come with cut control mechanism for constant cutting and adjustable Blade Guard for finger protection.

**(Descriptive literature should be submitted with the quotation)**

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

**NIT No. F&ES/PS/2003/103/Pt-I/ 4364-73**

**Dated Guwahati the 19.12.2013.**

Copy to:

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

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