

**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 **Rope Rider and Rope Launcher – 1(one) each** 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

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 **Rope Rider and Rope Launcher** 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 **Rope Rider and Rope Launcher** as regards their satisfactory, effective functionality. Suppliers bill shall be paid only after the Committee's satisfactory report on the workmanship/ functioning the **Rope Rider and Rope Launcher**. 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 complicity 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 ROPE RIDER AND ROPE LAUNCHER:-

The system consists of one Rope Rider and one Rope Launcher, which is a portable motorized ascending/descending machine.

1. Equipments should be foldable and enable quick assembling and use.
2. Length of the launcher should not exceed 530 mm.
3. Shoulder butt should be detachable. The length should not exceed 370 mm.
4. Should have the provision to fit an optional ground-firing stand. The stand should be stable and allow the equipment to launch projectiles from any flat surface or platform.
5. Climbing Grapping Hook should withstand strength of minimum 500 kg.
6. It should have the provision for variable firing pressure to shoot the rope at different ranges.
7. Should have a safety catch mechanism to ensure the unit does not get fired accidentally.
8. When fired the noise generated by the equipment should not exceed 90 dB at meters from the muzzle.
9. Should have provision for fitting of portable re-useable air cylinders. Each cylinder should allow the launcher to be fired for a minimum of 4 times. Should also have provision to attach a larger cylinder, which enables repeated fire of minimum 45 times.
10. Should be able to propel the projectile/ grapnel up to minimum 40 meters vertically and 70 meters horizontally.
11. The cylinder should be safely attached to the equipment and should never come in contact with any hard surfaces.
12. Multi Shot Capacities. Should allow deployment of multiple projectiles in rapid succession without changing the cylinder.
13. **Transport/ Storage Case:-** Unbreakable watertight, dustproof, chemical/ corrosion proof storage case to be provided with the equipment.
14. **Accessories/ Spares:-** The following accessories/ spares will be provided with each set of Rope Ladder with Throw Line:
 - a) High Pressure projectile/ grapnel hook (made of aluminium or equivalent superior quality alloy).
 - b) Tool kit (as applicable)
 - c) Canister's for loading of ropes qty.
 - d) Compatible rechargeable air cylinders.
 - e) Grapnel/ Projectile shaft as per requirement.
 - f) Air filler hose

Physical characteristics of Rope Ladder:

1. Material - Nylon/ poly propylene or equivalent material
2. Length - Minimum 20 meters
3. Container - Compatible container for Rope Ladder.

Physical characteristics of Rope Line

1. Material - Nylon/ poly propylene or equivalent material
2. Length - Minimum 100 meters
3. Minimum Break load – 500 kg.
4. Container - Compatible container for Rope Line.

Portable Motorized Climbing Device

Operational Features

- Compatible with standard climbing gear (must be used in accordance with manufacturers instructions meet applicable requirements and regulations)
- Use with ½-in (12.7mm) static (low stretch) kernmantle rope.
- Weight : Not more than 30 pounds
- Dimensions 14 x 14 x 18 (35 x 35 x 45 centimeters)+/- 10%
- Lifting capacity: should be at least 500 pounds; gross load should be at least 550 pounds including climbing device and battery pack.
- Designed for use by one person, for work positioning and / or moving tools and materials.

- Should carry 2 people for rescue applications. Should be able to support 3 people in descent mode.
- Lifting speed: In order to avoid any accidents and ensure easy operation lifting speed should not exceed 1 foot per second.
- Powered descent speed: up to 1 foot per second.
- Can be operated using remote or manual control.
- Wireless Remote range minimum of 300 ft.
- Can be operated with gloves and protective clothing.

Safety Features

- Temperature sensor shuts unit down in event of hot motor.
- Interlock switch on cover ensures that unit will not operate if rope cover is not properly closed.
- Remote control overrides local control.
- Rope cannot be removed from climbing device when it is under a load.
- Auto-braking in hands-off position provides for both locked-off and emergency or panic lock-off. No force needs be applied for panic lock-off.
- Emergency Stop Button: cuts power to unit.
- Load limiting system: Prevents lifting of load in excess of 700 pounds.
- Auto-braking in hands-off position provides for emergency stop.
- Static Load/ Stationary holding capacity: not less than 1000 pounds.
- Dynamic load capacity: not less than 2500 pounds.
- Forward and reverse movement should be via power controller.
- Palm Interlock system must be engaged to start unit.
- Low voltage sensor should detect low battery voltage and shuts unit down.
- No pinch points on the machine.
- No sharp edges, points etc. capable of puncturing or cutting the skin.
- Accessible surface temperature do not exceed 65° C.
- Rotating parts should not be exposed to the user.
- No shock hazard.

(Descriptive literature should be submitted with the quotation)

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

NIT No. F&ES/PS/2003/103/Pt-I/ 4355-63

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 .
9. M/S

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