

Tender No.CAPSS/15/18/(SMS-AM)/13-14

Date:28/05/2013

Tender Type: OPEN

Due Date:12/06/2013

Tender submission place: Centre for Astroparticle Physics & Space Science  
Bose Institute, Block EN, Sector V, Salt Lake City,  
Kolkata 700 091

**Tender Specification: *Aluminum Ladder (adjustable height)***

Type 1

Qty: 1

**Specification:-**

- a) **Ladder Height:** Closed height: **max 12ft**; Fully extended height : **min 22 ft**.
- b) **Platform Height:** **min. 19ft** from ground level.
- c) **Platform size:** min. 600mm x 600mm (with rubberized with high guard rails till waist height and tools tray attached).
- d) **Standing Support:** Platform support
- e) **Steps:** Should be able to withstand **min. 100 Kg** of active load.
- f) **Step Gap:** Standard (300 mm approx).
- g) **Ladder Mount:** Trolley based system mounted on pneumatic tyres/wheel (Jeep tyre). The trolley should be fitted with front revolving wheels (4 in total) for easy movement. The tower should be such that it can be tilted from vertical to horizontal position by means of gear arrangement.
- h) **Horizontal height:** Should not be more than 3.5 m when folded.
- i) To be provided with steel guy wire ropes at 4 corners of the lower portion to the 4 corners of trolley or any alternate arrangement to arrest swing of the ladder while in vertical extended position.
- j) **Jack Plate:** 4 nos. of screw jack plate on the 4 corners of the base to immobilize the ladder while in use to have extra ground grip. The extension jack has to be fitted with rubber sheet.
- k) Winch gear (of the Ladder) locking arrangement should be provided.
- l) **Trolley size:** min 8 ½ ft x 4 ft x 8 ft.
- m) Usual Accessories
- n) Spare Accessories:
  - i) 2 nos wheels.
  - ii) Hand Gear (1 set)

**Type 2**

**Qty: 1**

**Specification:-**

- a) **Ladder Height:** Closed height **max 12ft.** Fully extended height **min 22 ft .**
- b) **Support:** Self.
- c) **Wheels:** Small rubber wheels not less than 8" diameter on front legs only.
- d) Non skid rubber shoes on the rear legs should be provided.
- e) Push handle and Side Rails for support and ease of use.
- f) Rope and Pulley system with gravity pawls should be provided.
- g) **Platform:** Preferably at **19ft.** height. Safety Belt has to be provided.
- h) **Steps:** Should be able to withstand above **100 Kg** of active load
- i) **Steps Gap:** Standard (305 mm approx)
- j) Locking system for the wheels to be provided
- k) Usual accessories
- l) Spare Accessory: Antiskid Shoes

Quotation validity should be of 90 days min.

Price should include delivery charge (if any) with applicable tax (VAT etc.) for its delivery at Bose Institute (Syamnagar Campus), Saheb Bagan (near Syamnagar Railway Station), Dist: North 24 Pargana, West Bengal.

For any query please contact: Mr Soumendra Singh: mob: 9432926954