

September 27, 2024

**Reference:** CSIO/MSSA/HCP0057/151

**Subject:** Call for Expression of Interest (EoI)/quotation for the purchase of goods/fabrication job work for the ongoing project activities- reg

It is informed that following items are proposed to be purchased /fabricated. Interested parties are requested to **submit quotation** through email/hard copy to the undersigned **within next three working days** from the date of publishing of notice.

**Items/Goods/Job work required**

Sr. No.	Description of the items/Goods/Jobwork	Quantity
1.	Deuterium lamp	01
2.	Power module	01

**Terms and Conditions:**

Delivery: For CSIR-CSIO, Chandigarh

Lead time/delivery time: 2-3 weeks

Payment: After delivery and successful inspection



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**HEAD ISD**, with a request to display on the CSIO website

## Annexure-I

### 1. Deuterium Lamp:

- i) Heater voltage: 2.5 V
- ii) Ignition voltage: >350 V
- iii) Operating voltage: 65-90 Vdc
- iv) Operating current: 300 mAdc
- v) Envelope diameter: 28.5 +/- 1.0 mm
- vi) Light aperture: 1.0 mm
- vii) Spectral distribution: 180-400 nm
- viii) Connector: spade terminals
- ix) Note: pre-aligned

### 2. Power Module:

- i) Input Voltage: 85 -265Vac
- ii) Input Current: Max. 0.5A
- iii) Filament voltage (Preheating): 2.5Vdc
- iv) Anode Voltage (Preheating): 115Vdc
- v) Lit: Max: 80Vdc
- vi) Anode Current: 300mA
- vii) Constant current Accuracy: 0.05% (after 10min)