

Government of India
Bhabha Atomic Research Centre
Post Irradiation Examination Division
Radiological Laboratories, Trombay, Mumbai 400 085

Tel: 25594047, Fax: 2550 5151

Ref: PIED/KMP/2018/529

09.05.2018

Sub: Fabrication, Supply and Installation of Absolute Encoding system at PIED, RLG.

Dear Sir,

Please send us your lowest quotation for the following fabrication, supply, installation and commissioning works at NHF, RLG as per the site condition and the scope of work given below:

Scope of work:

Fabrication, Supply and Installation of Absolute Encoding system at PIED, RLG consists of

Sr No.	Item description	
1.	Absolute Encoders	Quantity : 5 nos.
1.1	Function	: Multiturn
1.2	Interface	: Profinet IO
1.3	Steps per turn	: 8192/ 13 bit
1.4	Number of turns	≤ 65536/16 bit
1.5	Absolute accuracy	: ±0.025°
1.6	Sensing method	: Optical
1.7	Programming parameters	: Steps per revolution Number of revolutions Code 2 presets (limits) Rotation speed monitoring
1.8	Diagnostic functions	: Self-diagnosis Code Continuity check Multiturn sensing
1.9	Size (flange)	: ø58mm
1.10	Shaft type	: ø10mm solid shaft
1.11	Flange	: Clamping
1.12	Protection DIN EN 60529	: IP 65(with shaft seal)
1.13	Operating speed	: ≤10000 rpm (mechanical) ≤6000 rpm (electric)
1.14	Materials	: Housing: steel Flange: aluminium

Note: Associated configuration and operational software is in the scope of supply

Please note the following:

1. The work is to be completed within 60 days of receiving the firm work order from us.
2. The sealed quotations shall reach the office of the Head PIED, New Hot Cells Facility, RLG, Mumbai – 85 on or before **16.05.2018 11:00hrs** only by **Indian Postal Service**.
3. Please address your offer to: **K M Pandit, SO/F, Post Irradiation Examination Division, RLG, BARC, Trombay, Mumbai-400 085.**
4. The quotations are to be sent in a sealed envelope with the following information marked on top of the envelope: "Absolute Encoding system"
5. Offers sent by telegram, telex, fax or e-mail will **not** be considered.
6. All taxes should be mentioned clearly.
7. **Good & Services Tax : 5%**. The goods proposed to be fabricated on this work order are meant for research purpose of Research Institution under Department of Atomic Energy and are exempt from payment of GST in terms of Notification No. 47/2017 integrated tax (rate) dated 14.11.2017 issued by Ministry of Finance, Department of Revenue of Government of India. In the event of order, the Purchaser will make available the certificate to avail integrated GST @5% duly signed by the authorized officer in the Department of Atomic Energy.
8. Quotation should be in the printed letter head /quotation format which should consist of GST Registration Number, PAN Number of the firm, etc.
9. **Quotation shall be signed by proprietor or authorized person and affix company seal.**
10. Computer generated quotation form will not be accepted.
11. Income Tax @2%, surcharge on IT as applicable and educational cess @3% (on IT & surcharge) will be deducted at source from your bill
12. Offer should be on free delivery basis to RLG Zonal Stores, BARC, Trombay.
13. Delivery period should be mentioned with all the possible consideration.
14. Payment will be made within 30 days from the date completion.

Yours sincerely,



K M Pandit
SO/F, PIED