

# S. N. Bose National Centre for Basic Sciences

Block JD, Sector III, Salt Lake, Kolkata – 700098

(An autonomous national centre funded by the Department of Science & Technology, Government of India)

Tender No.SNB/PUR/OT/30/030

Date: 31.12.2014

## OPEN TENDER

Sealed tender in two parts (separate technical bid and price bid) are invited in the name of Director, S. N. Bose National Centre for Basic Sciences from reputed equipment vendors for the following listed items. The detailed technical specifications and terms & conditions can be obtained from the website: <http://newweb.bose.res.in/InfoAnnouncements/Tender.jsp>. The sealed tenders must reach this office within 20.01.2015.

<i>Sl.No.</i>	<i>Name of Item</i>	<i>Qty</i>
1.	Fabrication of a Motorized Sliding Roof (or Roll-off) for Astronomical Observatory.	01 no.

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*Registrar*

Abridged version of the tender published on in the following newspaper editions:

- 1.) Times Of India**  
**Kolkata, Delhi, Bengaluru, Hyderabad, Chennai, Mumbai & Pune** editions on 31<sup>st</sup> December, 2014 (Wednesday)

**Last date of submission of Tenders is on 20<sup>th</sup> January' 2015.**

# S. N. Bose National Centre for Basic Sciences

Block JD, Sector III, Salt Lake, Kolkata – 700098

(An autonomous national centre funded by the Department of Science & Technology, Government of India)

## NOTICE INVITING TENDER

Tender No.SNB/PUR/OT/30/030

Dated: 31/12/2014

Sealed tenders are invited for the equipment as per the details enclosed from the reputed, established and competent manufacturers / suppliers in two bids – technical and financial. The details of tender documents are as follows:-

1.	<i>Name of office inviting tender</i>	S.N. Bose National Centre for Basic Sciences Block JD, Sector III, Salt Lake, Kolkata – 700098
2.	<i>Name of equipments</i>	Mentioned in Annexure – I
3.	<i>Specifications of the equipments</i>	Can be obtained / downloaded from our website address: www.bose.res.in
4.	<i>Separate bid for Part-A: Technical and Part-B: Commercial</i>	One large envelope having two smaller envelopes containing separately – Part-A: Technical bid and Part-B: Commercial bid need to be submitted. Tender ref. no. and item name should be mentioned on top of the large envelope. Two smaller envelopes should be superscribed Technical bid / Commercial bid as the case may be.
5.	<i>Submission of Tender</i>	The tender documents duly filled in arranged and sealed in aforesaid manner should be sent to: The Director, at the address given under Sl.No.1 above so as to reach him within 20.01.2015. The envelope should be superscribed “Tender for Item no..... Item Name..... Against Advt. No..... dtd:.....” The commercial bid of only technical qualified tenders will be opened.
6.	<i>Opening of Commercial bid</i>	The Commercial bid will be opened in the presence of Tenderers / their representatives. The tenderer who will qualify for above will be notified in due course after technical selection.
7.	<i>Documents to be attached along with the tender</i>	A list showing names and address of the National Research Institutes / Universities / Centre of Higher Learning around the world to whom similar equipments have been sold mentioning Model number and year of manufacture / supply, including those sold in India.

This Centre will not be responsible for postal or any other delay and the **Authority of the Centre reserves the right to accept or reject any or all tenders without assigning any reason.** Tenders / offers sent by fax / email will not be entertained and would be rejected.

Registrar

S.N. BOSE NATIONAL CENTRE FOR BASIC SCIENCES

## Annexure – I

Sl.No.	Name of Item	Qty
1.	Fabrication of a Motorized Sliding Roof (or Roll-off) for Astronomical Observatory	01 no.

### **General Terms & Conditions:**

- 1) The bid should be submitted in two bid system each of which is to be submitted in separate envelope. One envelope should contain “techno commercial bid” i.e., technical specifications, terms and condition, terms of payment except price and another envelope should contain price of the quoted item. Both the envelopes should be separately sealed and kept in another large envelope which should be marked with tender reference number, name of the equipment and tender opening date. Separate bid should be submitted for each of the items. Combined bids will not be entertained.
- 2) The tenderer should have high technical, financial reputation with sufficient experience and capable enough for supply, installation & commissioning of similar type of equipment to actual users. Documentary evidence should be submitted in this respect.
- 3) Against such offers, if statutory requirement demands clearance from concerned Governments the tenderers should confirm in their offer that “Export License” in that respect would be arranged by them at their cost.
- 4) Offers should be complete in all respect indicating therein the unit price(s) including manuals, make, model, duties and taxes, delivery period, gross and net weight of the consignment, terms of payment, together with the descriptive leaflet/catalogue/pamphlet/manufacturer’s brochure.
- 5) The offers shall remain valid at least for a period of **90 days. The period starts from the date of closing of tender submission.**
- 6) The Institute shall not be responsible for delay, loss or non-receipt of the tender through post/Air Mail
- 7) The aforesaid Open Tender is being issued with no financial commitment and purchaser reserves the right to change / vary any items or items thereof at any stage.
- 8) No tenderer shall be entitled for any compensation what so ever for rejection/non consideration of their tender.
- 9) Invitation of tender does not constitute any right or claim for issue of purchase order to the tenderer.
- 10) Only Price Bids will be opened in presence of the technically qualified bidders or their authorized representative who choose to attend on the date and time informed to them after opening of technical bids and its evaluation.
- 11) The Centre will not be responsible for any misprinting by the news papers concerned and inaccessibility of the downloading facility for any reason whatsoever and in that case the tenderer(s) should contact to the tendering authority to verify the fact in case of confusion.
- 12) If any information furnished by the tenderer is found incorrect or false at a later stage he shall be liable to be debarred from ordering / tendering
- 13) For items originating from abroad 80% payment shall be made by letter of credit and the balance 20% payment will be released after successful completion of installation & commissioning at site.
- 14) For indigenous item, payment will be made after satisfactory installation & commissioning of the equipment / instrument at site.

## **Item no.01.**

### **Scope of Work**

S. N. Bose National Centre for Basic Sciences is planning to install two small sized telescopes, **one 8 inch Meade LX 200 and 14 inch Planewave CDK-14** for Astronomical Teaching, Research and Development project. For Operating of the telescopes we have planned to establish a **small (20 ft x 12 ft) Motorized sliding Roof (or roll-off) observatory on the terrace of our Centre's main building to be housed both telescopes.** The works include main-structures, support structures, main rails for rolling the roof and drive systems including civil works according to technical specifications mentioned in the below. The Motorized roll-off should be provided with remote control operation. The two telescopes sit on the anti-vibration piers and those have to be compatible with the above mentioned telescopes.

### **Technical specifications:**

- |                                 |                                                                        |
|---------------------------------|------------------------------------------------------------------------|
| 1. Main Structure               | : 20mm to 50mm Sq/Rect MS/CRCA Pipes/Tubes                             |
| 2. Support Structure            | : Necessary civil works, Columns & Beams of MS Sections, Rods & Plates |
| 3. Main Rails & Drive Systems   | : MS Sections, Wheel Unit & Motorized Mechanisms                       |
| 4. Walls, Roof, Doors & Windows | : Pre-coated Al-Zn Profiles, CPVC/UPVC/Silica Fiber                    |
| 5. Painting-Interior Surfaces   | : Weather-Resistant on applied areas as per standards                  |
| 6. Electrical Controls          | : Separate Panels, Switchgear & Safety Mechanisms                      |
| 7. Others                       | : Wind Lock, Lightening Arrestor, Leak-Proofing                        |
| 8. Telescope piers              | : Anti-vibration two Piers for the above mentioned telescopes.         |

### **Terms & Conditions:**

- Tenderer shall give all Technical details, Specifications and other relevant/additional details, if any, for the above.
- If required, Tenderer are requested to inspect the place of erection before submission of bid.
- The work **must be completed within 10 weeks** from the date of purchase order.
- Tenderer shall submit a concept drawing of the Sliding Roof Observatory in the Technical Bid.
- Minimum 01 year comprehensive onsite replacement warranty is to be given by the bidder from the date of successful completion and commissioning.
- The quotation should include an Earnest money (EMD) for Rs.15,000/- (Rupees Fifteen Thousand only) in the form of Demand Draft in favour of "S. N. Bose National Centre for Basic Sciences", payable at Kolkata. Bid without EMD will not be considered and shall be rejected. EMD should be submitted alongwith the Technical Bid.
- EMD of unsuccessful bidder will be refunded without interest after opening of the Commercial bids of the technically qualified vendors. EMD of successful bidder will be returned after successful installation & commissioning of the system without interest.
- 10% certified value of the bill will be retained as Performance guarantee till expiry of warranty period.
- The Performance Guarantee will be refunded without interest subject to satisfactory rectification/replacement of any defect arising within the warranty period duly certified by the concerned department.
- Tenders must have completed at least five Sliding Roof Observatory Halls or Hemispherical Revolving Observatory Domes in the past. Tenderer shall give documentary evidence of having successfully executed the fabrication and erection of such projects in the technical bid.
- For any technical queries, please contact Dr. Soumen Mondal at [soumen.mondal@bose.res.in](mailto:soumen.mondal@bose.res.in) and Mob: +918017577649.
- **Attached herewith "Annexure I" (as check list) to be duly filled in by the bidder and should be submitted with the Technical Bid of Item no.4 only. Offer received without any of the relevant information / certificate / document asked as per "Annexure I" from sl. nos. 01 to 18 may not be considered.**
- The Centre reserves the right to accept or reject offer of the tenderer. The Centre's decision shall be final and binding on the tenderer. Attached documents should be duly marked.

 **Quantity Required: 01 no.**

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### Annexure I

- The following form should be submitted with the technical bid duly filled and signed.
- **Relevant documents must be enclosed with the technical bid as per Sl. no. 01 to 18.**

S/N	PARTICULARS	Yes/No	REMARKS
01	Technical bid & Price bid duly sealed & signed enclosed in separate envelopes as instructed.		
02	<u>Contents of Technical bid</u> (a) Technical details as per specification enclosed with technical bid ⇨ (b) Technical Compliance Statement to be prepared in a separate sheet ⇨ (and any deviation should be mentioned specifically) (c) Literature/Manual of the offered item ⇨ (d) Current Authorization Certificate from the Principal Manufacturer ⇨ (e) Name, address, email & ph. no. of users in India. ⇨ (Preferably Research laboratories) (f) Copy of P.O. and installation certificate with the same specification from at least one user ⇨		
03	Delivery charges on F.O.R basis up to S. N. Bose Centre, Kolkata for indigenous items with detailed break-up of cost		
04	All applicable tax (VAT/CST/Sales/Service tax) should be mentioned		
05	Whether the price quoted is without excise duty, as the centre is fully exempted from payment of excise duty		
06	Copy of Trade License, VAT, PAN, Service Tax Registration no. enclosed with the technical bid.		
07	Installation charges included (if any) to be mentioned		
08	03 years Standard warranty from the date of installation to be mentioned		
09	Payment after installation of material at site		
10	Payment mode should be mentioned		
11	Delivery/installation time from the date of PO to be mentioned		
12	Enquiry no. should be mentioned on top of all quotation envelopes		
13	Validity of Quotation should not be less than 90 days from the date of submission		
14	Maintenance procedure of the offered item to be mentioned		
15	Contact details of after sales service centres in Kolkata to be mentioned		
16	Bank details of the beneficiary to be mentioned		
17	In case of any defect found after receipt of material or in case of any deviation from the specifications or in case of any operational defect found during the warranty period, any part or the entire material is to be replaced by the supplier at no extra cost to the Centre.		
18	Whether your company has been blacklisted by any Central/State Govt. organization.		

**Note:** Offer received without any of the relevant information / certificate / document asked in the above sl. nos. 01 to 18 may not be considered. The Centre reserves the right to accept or reject offer of the tenderer. The Centre's decision shall be final and binding on the tenderer. Attached documents should be duly marked.

\_\_\_\_\_  
Seal & Signature  
of the bidder with date