

BOSE INSTITUTE KOLKATA		
Tender No.	:	BIW/OFFICE/06/2014-15 R/MC/890/15
Tender date	:	12/02/2015
Type of Tender	:	Limited
Tender Title	:	Invitation of sealed bid for the the Supply and Installation of Ductable split type Air conditioning system at room no. 443 for the proposed Radioisotope laboratory at Centenary Campus, P-1/12, CIT Scheme – VII / M Kolkata – 700054 (INDIA).
Specification	:	As per Annexure I
Quantity	:	As per Annexure I
Last date & time for submission	:	23/02/2015 upto 14:00 hours
Date & time for opening of bids	:	23/02/2015 at 15:00 hours
Submission of Tender (Address)	:	Office of the Workshop Superintendent, Main Campus, Bose Institute,93/1 A.P.C. Road, Kolkata-09.
Venue of bid opening	:	As stated above
For any query the interested bidders may contact(Dept./Section/Div./Unit)	:	Workshop, 033-2303-1204, 033-2360-8132

General Terms & Conditions ::		
Warranty	:	At least one year from the date of installation.
Payment terms	:	Payment will be made after successful supply, installation and commissioning of the work stated above.
Bid security (earnest money deposit), if applicable	:	N.A
Submission of Performance Bank Guarantee(PBG), if applicable	:	N.A
Any other information (if applicable)	:	Annexure II
<i>Name of the instrument and submission of tender should be mentioned on the envelope positively.</i>		
Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full. The reasons for rejecting the tender of a prospective bidder will be disclosed only when enquiries are made.		

Sr. Prof and In charge Registrar's office
Bose Institute

Bose Institute
Kolkata
Annexure I

Sl.Nos.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
1.	<p>TO SUPPLY 8.5 TR DUCTABLE A.C UNIT HAVING THE FOLLOWING SPECIFICATIONS:</p> <p>i. Nominal cooling capacity, not less than 100,000 BTU/HR</p> <p>ii. Nominal Air Quantity for, a. Indoor unit,3400 or above CFM b. Outdoor unit,6000 or above CFM</p> <p>Power Supply for, i. Indoor Unit, 1ph and 230 Volt ii. Outdoor Unit, 3ph and 400Volt</p> <p>Compressor i. For outdoor unit- scroll compressor will be used and other technical parameters will be as per standard manufacturing practice</p>	2	Nos.		
2.	<p>FOR INSTALLATION WORKS:</p> <p>i. Supply & Laying of Copper refrigerant piping for ductable unit suction & liquid along with insulation</p>	20	RMT		
	<p>ii. Supply & Laying on surface of suitable rated PVC drain pipe</p>	50	RMT		
	<p>iii. Supply & Laying on surface of suitable rated PVC insulated FRLS type electric wire of reputed make within necessary casing</p>	40	RMT		
3.	<p>GSS. DUCTING</p> <p>i. Supply & fixing by suitable fixing arrangement of GSS ducting by 24 Gauge GSS</p>	850	SQ.FT.		
	<p>ii. Supply & fixing by suitable fixing arrangement of GSS ducting by 20 Gauge GSS</p>	150	SQ.FT.		
	<p>iii. Providing acoustic insulation with 12 mm rigid board , tissue paper and aluminium perforated sheet</p>	125	SQ.FT.		
	<p>iv. Providing thermal insulation with 9mm nitrile rubber insulation</p>	850	SQ.FT.		
	<p>v. Supply & fixing of grill/diffusers</p>	50	SQ.FT.		
	<p>vi. Supply & fixing of volume control damper</p>	25	SQ.FT.		
	<p>vii. Canvass connection is to be provided</p>	1	No.		
	<p>viii. Supply & fixing of Air Curtain with 15 m/sec, air velocity having power supply by 230 V, Single phase A.C.</p>	1	No.		
4	<p>Installation Testing & Commissioning of</p>				
	<p>i. 8.5 TR Ductable A.C Unit</p>	2	Nos.		
	<p>ii. Construction of brick pedestal with supply of civil materials for 8.5 TR Ductable A.C. unit at Roof top</p>	2	Nos.		
	<p>TOTAL AMOUNT</p>				

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Annexure-II

1. Quotations having a sealed cover superscribed with the words “Tender No. BIW/OFFICE/06/2014-15 dated 12/02/2015 due on 23/02/2015 should be sent to the office of the Workshop Superintendent, Bose Institute, 93/1, A.P.C Road, Kolkata 700009, so as to reach on or before 2:00 P.M and to be opened at 03:00 P.M on the same day.
 - 1 a. The tenderers are requested to submit the photocopies of following documents duly signed by the proprietors/ authorised signatories along with the tender paper positively.
 - i) Pan card of the owner.
 - ii) Last Income tax clearance certificate
 - iii) Valid VAT registration certificate
 - iv) Proper authentication of proprietorship/Partnership /Authorised representative of the Firm.If any of the above mentioned documents is not found then the tender will be cancelled without showing any reason.
2. Tender/ offer received beyond the schedule date and time will not be entertained in any case.
3. The tender/ offer should be clear and precise quoting the net price(s) per unit in numerals with break up of different elements, if asked for. The total amount should be mentioned in numeral as well as in words. Price(s) quoted should be inclusive of all charges and taxes.
4. If the quotation is accepted and the order is placed then the contractor shall remain liable to complete the work within the stipulated date.
5. Time of completion **21** days from the date of receiving of the order.
6. If the work is not completed by the awarded vendor within the stipulated time then the vendor must be liable to show the cause for delaying the work in writing to the competent authority of Bose Institute and the Institute may deduct at maximum of 10% of the order value from the final bill amount.
7. Item prices once quoted will be firm and fixed. No price escalation will be entertained even for the works executed within the extended period , if any.
8. In case the order is cancelled due to non-compliance of the contractual terms and conditions , the Institute reserves the right to execute the job at its own cost and differential amount, if any, on account of the alternative arrangement will be intimated to and recovered from him.
9. **Warranty period** : The contractor shall give warranty for a period of one year from the date of final handover and shall remain liable for rectification of defects, if any arises, within the said period at free of cost.
10. All materials procured by the contractor will be subjected to inspection and /or tests prescribed in the specifications.
11. Incomplete tenders will be liable to cancellation.
12. The tender/offer shall remain valid for acceptance till 03 months from the scheduled date of its opening.

13. The contractor shall remain liable for any incidental charges occurred from natural calamities, accidents, etc.
14. **Supplementary/Non schedule items :** Rates for supplementary /Non scheduled items will be ascertained on the basis of P.W.D schedule of Rates, WBPCES(Current), plus/minus percentage above/below as reflected in contractor's quoted rates or the actual cost of the materials and labour plus 15% towards overhead and profit, whichever is less.
15. **Electricity :** Electricity may be required for the work may be provided free of cost subject to availability at our source and contractor will make his own arrangement for distribution. However any claim will not be entertained for non-supply of electricity by the Institute.
16. **Storage space :** A space for storage of materials may be provided by the institute but the responsibility for security of the materials and machineries rests with the contractor.
17. **Removal of rubbish/debris:** The rubbish/debris etc. out of dismantling work including wiring shall be removed by the contractor from work site from time to time, as per direction of the representative of Bose Institute.
18. **Indemnifying against damages:** Contractor shall, during the course of execution, be responsible for all damages to property and for injury or loss caused to work or workmen, to persons or things. The Contractor shall make good all such damages besides damages out of dismantle plasters/walls concrete surfaces during the course of execution at their own cost/risk.
19. Work during holidays etc. Prior approval from the competent authority has to be obtained for persons to be engaged during holidays and /or beyond office hours, in listed form, mentioning their own cost/risk.
20. The quantities may vary up to 10% and beyond the limit of 10%, approval of competent authority is required to be obtained prior to execution.
21. The contractor shall abide by the Rules and regulations of labour wages act.
22. Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full. The reasons for rejecting the tender of a prospective bidder will be disclosed only when enquiries are made.

In case of any discrepancy, the order of precedence in interpretation shall be as follows:

 - (i) Schedule of Quantities and Rates.
 - (ii) General conditions of contract of Institute.
 - (iii) Best Engineering practices.
23. The total work should be completed as per the AERB guideline.
24. The machines must be “**BEE certified star rating machines**” of the most recent series/models incorporating the latest improvements in design and performance.
25. The Bidder should have supplied, installed and commissioned the machines similar to the type offered in their bid to other government/semi government organization in Kolkata and the same should be in successful operation as on date of Bid opening.

26. That the Bidder will assume total responsibility for the fault-free operation of machines and maintenance during the warranty period.
27. Details of service support facilities that would be provided after the warranty period and during life expectancy of the equipment, if required should be clearly mentioned.
28. **Taxes and Duties:** The amount payable on account of Excise Duty and other applicable taxes (VAT/CST/Service) should be mentioned clearly. If there is no explicit mention of taxes in the offer then quoted price will be deemed inclusive of such taxes. No other charges except those mentioned clearly in the quotation will be paid.
29. **DGS&D Prices:** The Institute at its discretion may choose to buy the machines at DGS&D approved rate from DGS&D approved firms.
30. The Institute will not be responsible for any accidental hazards of the personnel of the agency and necessary safety measures as per I.E. rule is to be strictly followed by the agency.

Sr. Prof and In-charge Registrar's office

Bose Institute