



SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES
[An Autonomous Institute under Department of Science & Technology, Government of India]
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Ref. SNB/ENQ/PKM/Water Chiller(RT)/14-15/1129(WP)

01/12/2014

Sealed quotations is hereby invited for the following items in two parts (Technical and Commercial bids). One large envelope containing two smaller envelopes containing Part A: Technical Bid and Part B: Commercial Bid need to be submitted separately – Two smaller envelopes should be super-scribed "**Technical Bid**" / "**Commercial Bid**" as the case may be.

Sl. No.	PARTICULARS	Qty
01.	<u>Recirculating Water Chiller</u> [See reverse for detailed specification.]	01

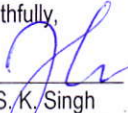
Note: Attached herewith "**Annexure I**" (as check list) to be duly filled in by the bidder and should be submitted with the Technical Bid only. Offer received without any of the relevant information / certificate / document asked as per "Annexure I" from sl. nos. 01 to 18 may not be considered. The 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.

Technical bid should contain complete technical information literature/working manual of the quoted item, & authorization certificate of the manufacturer.
Price Bid - In case of imported item CIF Kolkata airport price should be mentioned and for indigenous item FOR basis up to S. N. Bose National Centre for Basic Sciences, Kolkata may be quoted.

Note:

- 1) The quoted price should be inclusive of delivery charges.
- 2) Validity should be for 90 days from the date of opening
- 3) Minimum one (1) year standard onsite warranty is to be provided.
- 4) Our Payment term is subject to after delivery and installation only.
- 5) Delivery period should be mentioned in the quotation.
- 6) Our ref. no. should be mentioned on top of the quotation envelope.
- 7) Quotation for the above item should reach this office by **19th December, 2014**

Thanking you,
Yours faithfully,


S. K. Singh
AR (Purchase)

Sl. No.	PARTICULARS	Qty
	<p><u>Recirculating water chiller with the following specifications:</u></p> <p>Cooling capacity: at least 15kW (5TR) @ 15°C Medium: clean soft water Required medium temperature: 10 to 25°C (low and high temperature alarms) Anti freeze thermostat: required Ambient temperature range: 10 to 45 °C Temperature stability from zero to full load: ±2°C Refrigerant: R407C</p> <p>Flow rate: 60 litres per minute Pressure: 40 to 60 psi., adjustable</p> <p>Water tank capacity: 150 litres Condenser: air cooled Material for tank: SS304 with TIG welded joints, duly insulated Pump: SS304 impeller centrifugal pump coupled with motor</p> <p>Water outlet connection required: 1" BSP with 2 inlets and 2 outlets, individually controllable, but one (1) refrigeration circuit</p> <p>Internal tube: non corrosive, anti scaling, non toxic,</p> <p>Air-cooled Condenser with internally grooved copper tubing, Aluminium fins, with heavy duty exhaust fans Evaporator – Brazed Plate Heat Exchanger</p> <p>Additions: Pressure gauge, level indicator, topup port, overflow port, HP and LP trips</p> <p>Power supply: 3 ph 415V, 50Hz, ±10% for compressor; 1 ph. 230V, 50Hz, ±10% for water pump (1 standby with change over switch) Total power required: no more than 8kW, 15Amps Single phase preventer, motor overload trip</p> <p>It must have been supplied to our and related research centres and working satisfactorily for a couple of years,</p>	01

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	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 with date