

सत्येन्द्र नाथ बसु राष्ट्रीय मौलिक विज्ञान केन्द्र
SATYENDRA NATH BOSE NATIONAL
CENTRE FOR BASIC SCIENCES
সত্যেন্দ্র নাথ বসু জাতীয় মৌল বিজ্ঞান কেন্দ্র

SNB/ENGG/NIQ/17-18/21/1366

Date: 12 .02.2018

NOTICE INVITING QUOTATION

Sir,

1. Sealed quotations are hereby invited for the under mentioned work:
“Supply, Installation, Testing and Commissioning of Air-Conditioning system at the newly constructed 2nd Floor Students Bay at SNBNCBS, Salt Lake, Kolkata.”
2. **Completion period:** Completion period of the above mentioned work is 45 days from the date of issuing letter of award.
3. You are requested to quote your competitive and justified rate and price (inclusive of all applicable taxes) as per the schedule attached and submit the same in a sealed cover addressed to the undersigned so as to reach before 3 p.m. on 26.02.2018.
4. Please note that mere quoting of rate may not entitle you to get the award of work as the undersigned reserves the right to reject any or all quotations or accept any quotation other than the lowest without assigning any reason thereof.

Shohini Majumder
12.2.18

**Shohini Majumder
Registrar**

Enclosure: Schedule of Items with terms & conditions.

Copy to:

1. DR (Finance)
2. CR
3. CE&EO
4. O/C

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भारत सरकार के विज्ञान एवं प्रौद्योगिकी विभाग के अंतर्गत एक स्वायत्त संस्थान

AN AUTONOMOUS INSTITUTE UNDER DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVERNMENT OF INDIA

SCHEDULE OF WORKS

Name of Work: Supply, Installation, Testing and Commissioning of Air-Conditioning system at the newly constructed 2nd Floor Students Bay at SNBCBS, Salt Lake, Kolkata.

Price Schedule					
SL.No	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount
				(Rs.)	(Rs.)
1	Supplying of 5.0 TR High Static Fan Coil Air-conditioning Unit of rated cooling capacity of 60000 BTU/hr with 2 Nos. Recip./Twin rotary type Compressor , 2 nos. IDU of rated power supply 230V-Single.ph-50Hz with centrifugal blower and corded remote control. Air-flow/per IDU 800CFM including pre-charging of refrigerant (Make: Carrier/Mitsubishi Heavy Industries/O-General/ Daikin)	Nos	2		
2	Installation, fixing, testing and commissioning of air cooled type condensing unit with hermetically sealed with reciprocating compressor, condenser coil and control panel.				
a	5.0 TR ODU of Scroll Ductable Unit	Nos.	2		
b	2.5 TR IDU of Scroll Ductable Unit	Nos.	4		
3	Supplying, fabrication & fixing M.S u- channel of 6 mm thick of size (75 mm x 40 mm x 40 mm) for making platform for installation of outdoor unit for 5 TR Outdoor split unit including drilling 2 nos holes in each channel including cutting holes into the wall & grouting the same with cement concrete (1:1 ½ :3) etc. fabricated with horizontal angle of 25 mm x 25 mm x 6 mm including supporting angle 50 mm x50mm x 6 mm in each platform.The entire structure should be baricaded & safe for ODU Maintenance . Area of the platform is 3Mtr. x 1.2Mtr. or as per Machine configuration & load with adequate service access as per direction of EIC	Nos.	2		



4	Supply and fixing of hard/soft copper refrigeration pipeline with 9 mm thick Nitrile Rubber insulation, complete with fittings, elbows, bends, supporting arrangement on walls for suction line & Liquid Line. Full weather resistant tapping of the pipe.				
a	3/8" for 5.0 TR fan coil units	RMT	110		
5	Providing ,fixing and testing of condensate drain piping of approved sizes for split IDU's units with 25 mm dia PVC hard pipe	Mtr	55		
6	Supply and fixing of Al powder coated continuous Grill (Make Premier/M.R/ Dynacraft/Systemair)	Pcs	4		
7	Supplying and laying of 1.1 KV grade XLPE multi core control cable for connecting corresponding IDU to corresponding ODUs as per standard code of practice and in accordance with rules of local Electric supply Authority				
a	Copper Power cable for the Control unit 4 Core 4sqmm. + 2 X 2.5 Sqmm (Make- Ploycab/Finolex/Gloster/Havells)	Mtr	75		
b	Copper control cabling with 6 Core, 2.5sq. mm. (Make- Ploycab/Finolex/Gloster/Havells)	Mtr	105		
8	2 Tr, 5 star, full copper coil split Air-conditioner. (Make: carrier / Mitshubishi Heavy Industries / Daikin / O-General)	Nos.	1		
TOTAL (Inclusive of GST)					

Amount in Words:



TERMS AND CONDITIONS

1. Earnest Money:

Earnest Money Deposit (EMD) of **Rs.8,900.00** (Rupees Eight Thousand Nine Hundred only) is required to be submitted in Demand Draft by the Tenderer with the tender. The Demand Draft must be issued in favour of S N Bose National Centre for Basic Sciences. EMD deposited by the unsuccessful tenders will be refunded by way of handing over the original Demand Draft duly endorsed by the Competent Authority of the Centre. The Earnest Money of the Successful Tenderer will be adjusted against the Security Deposit to be recovered from the running account bills. Under any circumstances, SNBNCBS will not be liable to pay any interest on the EMD.

2. Security Deposit:

The Security Deposit shall be deducted from the Running Account Bills at the rate of 10% of the gross certified bill value. The EMD shall form part of the Security Deposit.

3. Refund of Security Deposit.

The Security Deposit will be refunded without interest within 14 (fourteen) days after the expiry of the defective liability period (Twelve months from the date of completion) provided the Contractor has satisfactorily carried out all work and rectified all defects in accordance with the conditions of the work that may appear during the Defect Liability Period.

4. Arbitration:

a) Except as otherwise provided elsewhere in the contract, if any dispute, difference, question or disagreement or matter whatsoever, shall, before and after extended period, hereafter arises between the parties, as to the meaning, operation or effect of the contract or out or relating to the contract or breach thereof, shall be referred to sole Arbitrator to be appointed by the Director of the Centre at the time of dispute.



b) It is a term of the contract that the party invoking arbitration shall specify all disputes to be referred to arbitration at the time of invocation or arbitration under the clause.

c) It is a term of the contract that the cost of arbitration will be borne by the parties themselves equally.

d) The venue of arbitration shall be Kolkata.

E) Subject as aforesaid the provisions of the Arbitration and Conciliation Act 1996 and any statutory modification or re-enactment thereof rules make hereunder and for the time being in force shall apply to the arbitration proceeding under this clause.

5. Removal of improper Work:

The owner shall during the progress of the work have power to order in writing from time to time the removal from the work within such reasonable time or times as may be specified in the order of any materials which in the opinion of the Centre are not in accordance with specification or instructions, the substitution or proper re-execution of any work executed with materials or workmanships not in accordance with the drawings and specifications or instructions. In case the contractor refuses to comply with the order the Centre shall have the power to employ and pay other agencies to carry out the work and all expenses consequent thereon or incidental thereto as certified by the Centre shall be borne by the contractor or may be deducted from any money due to or that may become due to the contractor. No certificate which may be given by the Centre shall relieve the contractor from his liability of unsound work or bad materials.

6. Cancellation of Work:

The Centre reserves the right to cancel the work order at any point of time without assigning any reason thereof.

7. Payment:

Payment will be made after satisfactory execution of the work / progressively through running account (RA) bills and after verification/ certification of bill by the Engineer-in-charge of the Centre.



8. Clearing site on completion:

On completion of the works the contractor shall clear away and remove, from the site, all constructional plant, surplus materials and rubbish/debris to the satisfaction of the Engineer-in-Charge.

9. Income Tax/ Sales Tax on Works Contract:

The Statutory deduction of income tax / sales Tax as applicable on works contract will be deducted from all interim and final payment to made to the contractor.

10. Liquidated damage: If the contractor fails to maintain the required progress or to complete the work as per the terms of the work order/agreement within the stipulated date of completion or the extended date of completion, the contractor shall without any prejudice to any other right or remedy available under the law on account of any breach, pay as agreed compensation the amount at the rates stipulated below as the Authority may decide on the account of tendered value and rates of work for every complete day/month (as applicable) calculated on the balance contract value / tendered value of the work that the progress remains below the specified work value. This will also apply to items or group of items for which separate period of completion has been specified.

i) Compensation for delay of work @1.5% per month of delay to be computed on per day basis.

Provided always that the total amount of compensation for delay to be paid under this Condition shall not exceed 10% of the Tender Value of work or of the Tender value of the item or group of items of work for which a separate period of completion is given.

11. Declaration:

I/We have inspected the site of works and have made me/us fully acquainted with the local conditions in and around the sites of works. I/We hereby declare that I/We have gone through the items of work in the attached Schedule of work of the N.I.Q. and understood the Technical Specifications given therein and on the basis of the same I/We have quoted our rates in the scheduled of quantities



attached with the quotation documents. The rates are valid for a period of three months from the date of submission of the tender.

I/We shall also uniformly maintain such progress with the work, as may be directed by the Centre to ensure completion of same within the completion period as mentioned in the NIQ.

Signature of Contractor

Address: _____

Date:

Office Seal:

