

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/17-18/10/527

Date: 27.07.2017

NOTICE INVITING QUOTATION

Sir,

1. Sealed quotations are hereby invited for the under mentioned work:  
**Electrical power supply work for newly constructed 2<sup>nd</sup> floor students' bay and visitors' cubicle at main building of SNBNCBS, Salt Lake, Kolkata – 700 106.**
2. **Completion period:** Completion period of the above mentioned work is 30 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 16.08.2017.
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.

  
Registrar

Enclosure: Schedule of Items with terms & conditions.  
Copy to:  
DR (Finance)  
O/C

ब्लॉक - जे.डी. सेक्टर - III , सॉल्ट लेक, कोलकाता - 700 098, Block - JD, Sector - III, Salt Lake, Kolkata - 700 098

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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 Work: Electrical power supply work for newly constructed 2<sup>nd</sup> floor students bay and visitors cubical at main building of SNBNCBS, Salt Lake, Kolkata – 700 106.**

SL. NO.	DESCRIPTION OF ITEMS	UNIT	QTY.	RATE Rs.	AMOUNT Rs.
1.	Supply of PILC/PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of approved cable conforming to IS 1554 (Part-I) of following sizes.  Make: Havell's/Polycab/Gloster				
	3.5CX35 sq.mm. 1.1 KV grade XLPE Aluminum Armoured cable.	Mtr.	60		
2.	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size on wall surface as required.				
	Up to 35 mm (clamped with 1 mm thick saddle).	Mtr.	60		
3.	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Mtr..	120		
4.	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 kV grade as required.				
	3½ X 35 sq. mm (32mm)	No.	02		
5.	Supplying and fixing of 100 Amps. 3 phase 4 wire with neutral, heavy duty weather proof bus bar chamber (make: Bentec).	Each	01		



SL. NO.	DESCRIPTION OF ITEMS	UNIT	QTY.	RATE Rs.	AMOUNT Rs.
6.	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 VTPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note: Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
	4 way (4 + 12), Double door	Each	01		
7.	Providing and fixing following rating and breaking capacity and pole MCCB with thermo magnetic release and terminal Spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
	100 A, 30kA, FPMCCB	Each	02		
8.	Supplying and fixing of following rating, 4 pole 415 volt, Miniature circuit breaker (MCB) in the existing MCB DB complete with connection, testing & commissioning etc. as required.				
	63 Amp. 4 Pole MCB (Icu 10ka)	No.	03		
9.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, Complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).				
	8 way, Double door	Each	02		



SL. NO.	DESCRIPTION OF ITEMS	UNIT	QTY.	RATE Rs.	AMOUNT Rs.
10.	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x4.0 sq. mm. + 1x2.5 sq.mm.	R.M.	120		
11.	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with Connections, testing and commissioning etc. as required.  (Make: ABB/SIEMENS/LEGRAND).				
a)	20A, Single Pole, MCB	No.	16		
b)	16A, Single Pole, MCB	No.	08		
12.	Supplying and fixing of following size/module GI/PVC box along with modular base and cover plates for modular switches in surface/recess etc. as required.				
	12 module (200 MMX150MM)	each	24		
13.	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a)	5/6 amp. Switch	each	48		
b)	15/16 amp. Switch	each	12		
c)	3 pin 5/6 amp. Socket outlet	each	48		
d)	6 pin 15/.16 amp. Socket outlet	each	12		



SL. NO.	DESCRIPTION OF ITEMS	UNIT	QTY.	RATE Rs.	AMOUNT Rs.
e)	16 amp. Fuse unit	each	24		
f)	5/6 amp. Indicator unit	each	24		
g)	Blanking Plate	each	24		
14.	Wiring for circuit/sub main wiring along with earth wire with the following size of FRLS PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.				
	4X16 sq. mm. + 2X6 sq. mm.	Mtr.	80		
15.	Supplying and fixing of 63 Amps. Four pole MCB enclosure suitable for 63 Amps. FP MCB. (make: L&T).	Each	02		
16.	Supplying and installation testing and commissioning of MS board suitable for fixing on wall/Panel board, cubical type of size 460 mm x 260 mm x 270 mm depth open of front side will single part made of sheet steel 16 SWG thick dust protected duly phospatized and painting comprising of the MCCB etc. having protected with 3mm thick bakelite sheet for MCCB body earthing etc as required.	Nos.	02		
17.	Supply, Installation and Testing commissioning of Compton make LED Light fixtures complete in all respect.	Nos.	08		
	Cat No. LCTAR2N-40-CDL				
	Total				

In words:





## TERMS AND CONDITIONS

### **1. Earnest Money:**

Earnest Money Deposit (EMD) of **Rs.4, 000.00** (Rupees Four thousand only) is required to be submitted in Demand Draft/ Bankers Cheque by the Tenderer with the tender. The Demand Draft/Bankers Cheque 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/ Bankers Cheque 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 (Six 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 Engineering Section 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 form all interim and final payment to made to the contractor.

**10. 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:

