



राष्ट्रीय बैंक स्टाफ महाविद्यालय
NBSC
National Bank Staff College
ISO 9001:2000 Certified Institution

सैक्टर-एच Sector-H
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मानस की उत्कृष्टता हमारा ध्येय - SHAPING MINDS TO EXCEL

NBSC.LKO/

/PR-21(G)/NBTC AC wiring/2010-11

dated 15 December 2010

(Only for empanelled contractors)

Dear Sir,

Power cabling/wiring & associated electrical work for Window ACs at National Bank Training Centre (NBTC), Sitapur Road, Lucknow- Invitation of sealed quotations

1. NBSC, Lucknow intends to execute subject works and invites competitive offers for Power cabling/wiring & associated electrical work for Window ACs at National Bank Training Centre (NBTC), Sitapur Road, Lucknow. You are requested to submit your offer **in sealed envelope** for the aforesaid work as per detailed technical specifications and Schedule of Quantity specified hereafter.
2. The sealed quotations shall be superscribed as "Quotation for Power cabling/wiring & associated electrical work for Window ACs at National Bank Training Centre (NBTC), Sitapur Road, Lucknow" and should be submitted to the Principal, National Bank Staff College, Sector-H, LDA Colony, Kanpur Road, Lucknow - 226 012 **not later than 1500 hrs on 29 December 2010**. The sealed quotations should be dropped in the tender box kept at Premises Department, NBSC within the stipulated date/time.
3. The Earnest Money amounting to **Rs.3000/- (Rupees Three Thousand only)** in the form of Demand Draft payable to National Bank Staff College, Lucknow should accompany the tender in the sealed envelope. Earnest Money in the form of cheque will not be accepted. All quotations received within the stipulated time will be opened but the quotations which are received without Earnest Money will be rejected. The Earnest Money of the successful bidder shall be retained towards security deposit and will be released after settlement of final bill. The EMD will not carry any interest. If the successful bidder backs out or does not commence and execute the work for any reason, the EMD will be forfeited.
4. The sealed quotations will be opened at 1530 hrs on **29 December 2010** in presence of bidders/their authorised representatives who chose to be present.

5. Quotations should be signed on each page by the contractor or his duly authorized representative. Any overwriting, correction or cancellations should be duly authenticated with seal.
6. Quotations received late on account of any reason whatsoever as also telegraphic and faxed quotations shall not be entertained.
7. Validity of offer shall be 90 days from the date of opening of quotations.
- 8. Time allowed for completion is 60 days from the tenth day of issue of work order.**
9. NBSC reserves the right to accept or reject any or all sealed quotations, the work in part or whole of any firm/firms, without assigning any reason for doing so.
10. Quotations which do not fulfill all or any of the above conditions or are incomplete in any respect are liable for rejection.

Yours faithfully

(Mukesh Vats)
Assistant General Manager

Encl. : 1) General Conditions of contract (1 sheet)
2) Technical Specifications (1 sheet)
3) Articles of Agreement (1 sheet)
4) Schedule of Quantities (2 sheets)

General Conditions of the Contract

1. Contractors are advised to visit the site before quoting and acquaint with all conditions/related issues prevailing at site. Any doubts should be got clarified from concerned officer, before quoting.
2. Rates should include removal of debris out of premises, cleaning the site thoroughly and unless the same is done to the satisfaction of NBSC, bill will not be settled.
3. Rates quoted shall include cost of materials, labour, wastages, transit insurance, transportation, scaffolding, tools and plants required to carryout the job. Rates should be workable and should include all the taxes, excise duty, octroi, freight, service tax, overheads and profits etc. and should be firm.
4. Any extra item required for proper completion of work shall be got approved from NBSC & shall be paid on actual cost of labour & materials plus 15% towards overheads & profit .
5. Time will be the essence of contract. **Time allowed for completion is 60 days from the tenth day of issue of work order.** The contractor will request for time extension well in advance if there are any hindrances in completion of work which are beyond control of the contractor. If the Contractor fails to complete the work within the stipulated period or within any extended time, the Contractor shall pay or allow the Employer the sum named as "Liquidated Damages" and the Employer may deduct such damages from any moneys due to the Contractor. Liquidated damages would be levied @ 0.25% of the incomplete work per week for non-completion of work subject to a maximum of 5% of value of contract.
6. All materials shall be got approved from NBSC before start of work.
7. No advance shall be given to the firm at any time during the execution of the works.
8. **Income Tax, Surcharge, Work Contract tax and other taxes** as applicable will be deducted from total payment due to the contractors.
9. **5% security deposit will be deducted from the bills** and will be retained for a period of 12 months from the date of completion work and will not bear any interest. Any defect in this period shall be rectified by the firm at their cost. In this regard the date of successful commissioning at site done in presence of NBSC's Engineer shall be considered as date of completion of work.
10. Payments shall be released after measurements and successful commissioning to be certified by NBSC's engineer.
11. All the payments under this order shall be made by a/c payee cheque payable at Lucknow after satisfactory completion of work and submission of bills therefor alongwith measurement sheets.
No advance payment shall be done to the contractor.
12. Materials used should conform to the stipulations of the relevant I.S. codes (latest editions).
13. The contractor shall make good of any damages, if any, done to walls, floors, panels, ceiling, electrical installation and wiring during completion of this work.
14. The contractor will have to make his own arrangements for transporting the materials to the place of work including the formalities with the Government authorities, if any. Rates quoted by the tenderer should provide for such requirements.
15. The successful contractor shall co-operate with other contractors working at site, if any.
16. The successful contractor/his workers shall not be permitted to use any space in the campus for stay.
17. Throughout the contract, contractor/his responsible and technically conversant representative shall be available for supervising the work.
18. The contractor shall make his own arrangements to guard the material at site.
19. The contractor will strictly follow and abide by the labour laws in force applicable to the work involved.

20. The Contractor shall observe all the safety precautions for the safety of the labour and the employees of NBSC/NBTC/residents of the campus, during execution of works. He would be responsible for the safety of persons employed by him.
21. The contractor shall take all precautions to avoid accident and causes of accident. He must be careful regarding safety during working of his staff in the premises.
22. NBSC shall not bear any responsibility in case of any accident to his worker in the premises due to no fault of NBSC's working but merely due to negligence of his workers or lack of safety provided to them by the contractor.
23. In case of dispute the decision of the NBSC shall be final and binding on the contractor.
- 24. Terms of Payment :** Payment under this contract shall be made as follows : 100% after supply, installation, testing and successful commissioning of the system less retention money deposit @ 5% and applicable taxes.
25. The quantities in the BOQ are indicative & can increase or decrease during execution of work, no claim on this account shall be admissible.
26. The workman shall be allowed to work during office hours i.e. after 9.00 a.m.to 6.00 pm. On holidays / Saturdays / Sundays work may be allowed round the clock and whenever requested by the Contractor. The contractor shall require to obtain prior permission and work passes for all labourers to carry out the work from the Department.
27. The contractor shall indemnify the Employer (i.e. NBSC) against all claims in respect of rights, and shall defend all actions arising from claims, and shall himself pay all royalties, license fees, damages, cost and charges of all and every sort that may be legally incurred in respect thereof.
28. After placing of order, the contractor has to enter into an agreement as per the format enclosed on Rs. 100/- Non-Judicial stamp paper. Cost of stamp paper would be borne by the contractor.

DECLARATION BY THE CONTRACTORS

I have read and understood all the instructions/conditions made above and I have taken into account the above instructions/conditions while quoting the rates.

Place :

Name & signature of the contractor

Date :

Address :

TECHNICAL SPECIFICATIONS

1. Rates of only ISI marked electrical items have been taken in the schedule of quantities. Unless and otherwise specified, only such conduits, cables, switches and sockets outlets shall be used in the work.
2. The work shall be done as per current CPWD specifications for electrical works as amended from time to time and Indian Electricity Rules as amended up to date.
3. The work shall be supervised by a qualified Overseer/Engineer.
4. The layout of the work will be given by the Engineer-in-Charge or his duly authorized representative at site of work.
5. The number of power plug points shall be designed with only one outlet per circuit.
6. The contractor will have to give the following tests at his cost and intimate test results before final bills are paid. Nothing extra will be paid to him on this account
 - i. Earth test
 - ii. Polarity test
 - iii. Insulation test
7. Any damage done to the building by the contractor during the execution of work shall have to be made good at his cost & risk. If he does not do it himself within a reasonable time as determined by the Engineer-in-Charge the same will be got executed at his risk & cost departmentally after giving notice to him.
8. While making the end connection of wires, no strand shall be out and the termination of wire shall be done with necessary lugs and ferrule by crimping method without any extra payment.
9. Lugs should be provided while terminating 8 SWG GI wire for earth continuity without any extra payment.
10. The termination of conduits etc. in the junction box to be provided above DB should be done by making proper holes instead of cutting the box.

SPECIFICATION OF CABLE

1. The cable laying shall be as per CPWD specification.
2. The route for the cable laying should be got approved from the Engineer-in-Charge.
3. All cable joints should be done in presence of Engineer-in-Charge or his authorized representative.
4. The LT joints should be done with crimping method and approved make lugs/ferrules should only be used.
5. The measurement of the cable will be done from the top of the cable and control box to the top of the other cable and box.
6. Under ground cable of 1.1 KV grade should be subjected to pressure/insulation test before & after laying the same in the ducts and in case of unsatisfactory tests the cost of all repairs and replacement & all extra work of removal and relaying will have to be made good by the contractor at his own cost and risk.
7. Schedule of work should be carefully read before quoting. Deviation, if any, regarding any item is proposed should be clearly indicated in the tender particularly the type of the cable should be specified.
8. The quantity of cable/wires in the tender is approximate. The agency will have to assess the quantity from the site before dispatch.

LIST OF APPROVED MAKES

| Sl. No. | Details of equipment/Materials | Approved make |
|----------------|--|-----------------------------------|
| 1 | M.V. Cables | Finolex/ Polycab/ CCI / Universal |
| 2 | Copper/Aluminium lugs | Heavy duty Dowells Crimping Type |
| 3 | Cable Glands | Comet or equivalent |
| 4 | MCB, RCBO, Isolators and Distribution boards | Havells / Indoasian / Standard |
| 5 | PVC conduit & accessories | ISI mark |

ARTICLES OF AGREEMENT

ARTICLES OF AGREEMENT made this day of 2010 between the National Bank Staff College (NBSC) having its Head Office at Mumbai (therein after called “ the Employer”) of the one part and and M/s _____ . (hereinafter called “the Contractor”) or the other part.

Whereas NBSC is desirous of carrying out the work of **Power cabling/wiring & associated electrical work for Window ACs at National Bank Training Centre (NBTC), Sitapur Road, Lucknow** and has caused specifications describing the work to be done prepared by the National Bank Staff College.

AND WHEREAS the Contractor has agreed to execute the work/s subject to the Condition set forth herein and to the Conditions set forth in the tender document (all of which are collectively hereinafter referred to as “the said Conditions”). The amount quoted by the contractor in the Schedule of Quantity of tender shall become payable as per terms and conditions of tender shall be referred to as “the said contract amount”.

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration of the said Contract amount to be paid at the times and in the manner set forth in the said conditions, the Contractor shall upon and subject to the said conditions execute and complete the work shown upon the said location and described in the said specifications and the schedule of quantities.
2. NBSC shall pay the contractor the said contract amount, or such other sum as shall become payable, at the times and in the manner specified in the said Conditions.
3. In the said conditions herein before mentioned, the Principal/Officer-in-Charge of NBSC shall act on behalf of National Bank Staff College.
4. The said conditions and Appendix thereto shall be read and construed as forming part of this Agreement, and the parties hereto shall respectively abide by, submit themselves to the said Conditions and perform the agreement on their part respectively contained in the said conditions.
5. The agreement and documents mentioned herein shall form the basis of this Contract.
6. The Contractor shall make good any damages done to walls, floors, etc. on account of repair work after the completion of such works.
7. NBSC reserves to itself the right of altering the nature of the work by adding to or omitting any items of work or having portions of the same carried out without prejudice to this Contract.

8. Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work soon after the site is handed over to him after the date of issue of formal works order as provided for in the said conditions.
9. All payments by NBSC under this contract will be made only at Lucknow.
10. All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen at Lucknow and only Courts in Lucknow shall have jurisdiction to determine the same.
11. That the several parts of this contract have been read by the Contractor and fully understood by the Contractor.

IN WITNESS WHEREOF NBSC and Contractor have set their respective hands to these presents and two duplicates hereof the day and year first herein above written.

IN WITNESS WHEREOF NBSC has set its hand to these presents through its duly authorized official and the Contractor has caused its common seal to be affixed hereunto and the said two duplicates hereof to be executed on its behalf, the day & year first herein above written.

SIGNED AND DELIVERED BY THE National Bank Staff College by the hand of Shri
(name and designation)

_____ in the presence of

(1) _____
Address _____

(2) _____
Address _____

SIGNED AND DELIVERED BY _____ in the presence of

(1) Address _____

(2)
Address _____

Witnesses

Power cabling/wiring & associated electrical work for Window ACs at National Bank Training Centre (NBTC), Sitapur Road, Lucknow

Schedule of Quantity

| S.No. | Particulars | Qty. | Unit | Rate (Rs) | Amount (Rs) |
|--------------|--|-------------|-------------|------------------|--------------------|
| 1 | Charges towards Liaisoning with local Electricity Supply Authority towards enhancement of Sanction load of 6 service connections at NBTC. Statutory charges viz. Security Deposit, System loading charges, Meter charges etc. would be refunded to the contractor separately as per actuals on submission of receipts. | LS | LS | | |
| 2 | Supply, laying, Installation, Termination with lugs, Testing & Commissioning of power cables 4 core x 16 sq mm (For 5 service connections from pole to respective energy meters) PVC insulated and PVC sheathed armoured ALUMINIUM power cable of 1.1 kV grade including Providing & fixing 8 SWG GI earth wire in/on walls/floors/ceiling/beams/coloumns/aerial run (tied with GI wire for road crossing) as per requirement. The cost also includes providing and fixing saddles, screws,necessary hardware, etc. for laying of cable on surface, where necessary. | 160 | Metre | | |
| 3 | Power point wiring for Window AC - Wiring for power point from MCB DB to AC Box with 2x4 sq mm FRLS PVC insulated copper conductor single core cable in conduit (provided separately in items below) alongwith 1 No. 1.5 sq mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. | 300 | Metre | | |
| 4 | Carefully removing wires from the existing conduit (single power circuit) after deenergising, dismantling the existing MS conduits fixed on surface and fixing the conduits in recess including cutting the wall and making good the same complete with painting of matching shade. The cost also includes providing and fixing bends, inspection boxes, junction boxes, tees, saddles, screws,necessary hardware, flexible pipe etc. where necessary. | 150 | Metre | | |
| 5 | Providing and laying PVC (ISI marked) conduits Heavy quality of 25 mm dia 1.5 mm | 150 | Metre | | |

| S.No. | Particulars | Qty. | Unit | Rate (Rs) | Amount (Rs) |
|-------|---|------|------|-----------|-------------|
| | thick for laying power cabling for Window ACs (provided in above item), in recess/surface including cutting the wall and making good the same in case of recessed conduit complete with painting of matching shade as required. The cost also includes providing and fixing bends, inspection boxes, junction boxes, tees, saddles, screws, necessary hardware, flexible pipe etc. where necessary. | | | | |
| 6 | Carefully dismantling the existing SPN DB's alongwith connections etc. and Supply and Installation of pre-wired TPN DBs Single Door steel sheet surface mounting distribution board with bus bar, DIN channel, neutral link and incoming MCBs - 8 way (incoming) +12 way (outgoing) with 1 No. 63 A TPN MCB & 1 No. 63A Four Pole RCBO 30 mA sensitivity as in-comer and 6 Nos. C-Curve MCB's of 20 A, 3 Nos. C-Curve MCB's of 10 A and 3 Nos. C-Curve MCBs of 6 A as outgoing complete with termination of existing wiring. <u>This item should also include rates for incoming & outgoing MCB's & RCBO and making the existing & proposed wiring connections complete.</u> APPROVED MAKE : Indoasian/Havells/Standard. | 05 | Sets | | |
| 7 | Supply, Installation, Testing & Commissioning of ABS enclosure (4 pole) with TPN MCB 63 A C Class complete with making wiring connections for incoming & outgoing. APPROVED MAKE : Indoasian/Havells/Standard. | 05 | Sets | | |
| 8 | Providing & fixing 20 A 240 V SP MCB industrial type socket outlet, metal enclosed plug top along with 20 A SP C Series MCB in sheet steel enclosure, on surface, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required. APPROVED MAKE : Indoasian/Havells/Standard. | 20 | Nos. | | |
| | TOTAL | | | | |

TOTAL (Rupees _____ only)

Place :
Date :

Name & signature of the contractor
Address :

NOTE :

1. Contractors are advised to visit the site and thoroughly understand the nature and scope of the work and get familiar with the site conditions before quoting the rates.
2. Material of only the approved makes, as indicated in the technical specifications, should be used on site. All materials shall be got approved from the client before start of work
3. The contractor should liaison with the relevant authorities of Electricity Department (LESA) for enhancement of sanctioned load for 5 service connections (from existing single phase 3 kW Sanctioned load to Three Phase 8 kW Sanctioned load) and 1 service connection (from existing three phase 8 kW Sanctioned load to Three Phase 15 kW Sanctioned load), including submission of application forms for enhancement of sanction load, follow-up with authorities, if required. All the Statutory charges viz. Security Deposit, System loading charges, Meter charges etc. in this connection would be refunded to the contractor separately as per actuals on submission of receipts.