



NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED

(Department of Empowerment of Persons with Disabilities,
Ministry of Social Justice & Empowerment, Govt. of India)

B.T. Road, Bon-Hooghly, Kolkata-700090

Telephone: 033-25310279/0610, Fax No.03325318379, Website: www.niohkol.nic.in, Email: mail@nioh.in

N.I.T. No-RENO.EI.OT BLDG/2282/CE/2015/NIOH/5630(8)

Date: 09.09.2015

TENDER DOCUMENTS

FOR

Renovation to E.I. Work at the OT-1 & OT-2 Buildings of National Institute for the Orthopaedically Handicapped, B. T. Road, Bon-Hooghly, Kolkata 700090.

**ENGINEERING DEPARTMENT
NIOH, KOLKATA**

PRICE: Rs. 500.00

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NIOH, KOLKATA]



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PARTICULARS OF TENDER

Percentage rate bids are invited from Eligible specialized firm/ agencies who are carrying out the similar type of works in PWD/CPWD or any other Government organization to undertake the work of "Renovation to E.I. Work at the OT-1 & OT-2 Buildings of National Institute for the Orthopaedically Handicapped, B. T. Road, Bon-Hooghly, Kolkata 700090."

SL. NO:	PARTICULARS	
1	Name of the Work	Renovation to E.I. Work at the OT-1 & OT-2 Buildings of National Institute for the Orthopaedically Handicapped, B. T. Road, Bon-Hooghly, Kolkata 700090.
2	Estimated Amount	Rs. 4,85,807.00. *
3	Time of Completion	90 days from the issue of work order.
4	Earnest Money	Rs. 12,150.00
5	Cost of Tender Paper	Rs. 500.00
6	Last date of issue of Tender Paper from Civil Engineering Department, NIOH, Kolkata.	On 05.10.2015 up to 04:00 pm
7	Last Date of Submission of Filled in Tender Paper	On 08.10.2015 up to 02:00 pm
8	Date of Opening of Tender	on 08.10.2015 at 3:30 pm
9	Tender paper will be issued from Civil Engineering Department after receiving of an application regarding issue of the particular tender document in the company's original letter head & Rs. 500.00 in cash towards the cost of tender paper. Tender documents can also be downloaded from the web site (www.niohkol.nic.in). In that case the DD/Pay order of Rs. 500.00 in favour of " NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED " payable at Kolkata towards the cost of Tender document is to be submitted along with completed Tender document in the envelop.	

*The work is estimated to cost Rs. 4,85,807.00. This estimate, however is given merely as a rough guide.

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COMMERCIAL AND ADDITIONAL CONDITIONS

1. GENERAL:

1.1. The bid document consists of particulars of tender, general terms and conditions, price schedule and other necessary documents.

1.2. Location:

Old Tenement Building-1 & 2 of National Institute for the Orthopaedically Handicapped, B. T. Road, Bon-Hooghly, Kolkata 700090.

1.3. The work shall be executed as per current Indian Electricity Rules & PWD General Specifications for Electrical work and as per relevant IS and as per directions of Engineer-in-Charge.

2. COMMERCIAL CONDITIONS:

2.1: Eligibility Criteria:

2.1.1. Percentage rate bids are invited from Eligible specialized firm/ agencies who are carrying out the similar type of works in PWD/CPWD or any other Government organization to undertake the work.

2.1.2. Attested photo copy of satisfactory completion certificate from an officer not below the rank of Executive Engineer of similar nature of work as given below must be submitted with Tender documents:

- (i) One similar work of value not less than Rs. 3.88 Lakh in any government/semi government or autonomous body during last three years ending August , 2015.Or,
- (ii) Two similar works, each of value not less than Rs. 2.92 Lakh in any government/semi government or autonomous body during last three years ending August , 2015. Or,
- (iii) Three similar works, each of value not less than Rs. 1.94 lakh amount in any government/semi government or autonomous body during last three years ending August, 2015.

Similar type of works means Electrical Installation work like electrical circuit wiring, Light point, fan point, earthing, installation of energy meter, Main Switch DB etc.

The completion certificates must clearly indicate:

- a. The date of completion of work.
- b. Nature of work.
- c. That the work has been completed satisfactory.

2.1.4. Self attested photo copy of Service Tax Registration certificate/ VAT registration, PAN

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Card, and Partnership deed (in case of Partnership firm) must be submitted with the
Tender documents.

2.2. Type of Contract:

The work to be awarded by this NIT shall be treated as indivisible works contract.

2.3. Issue, Submission and opening of Tenders:

2.3.1. Tender paper will be issued from Civil Engineering Department after receiving of an application regarding issue of the particular tender document in the company's original letter head & Rs. 500.00 in cash towards the cost of tender paper up to 05.10.2015 at 04:00 pm. Tender documents can also be downloaded from the web site (www.niohkol.nic.in). The Duly filled in and signed tender paper will have to be submitted in the specified tender box at Civil Engineering Department in the presence of Engineering in Charge, NIOH, Kolkata by the Tenderers complete with the followings on or before 08.10.2015 at 1:00 pm:

- a. EMD of Rs. 12,150.00 which shall be in the form of Bank Draft/Pay order in favour of "NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED" payable at Kolkata and is to be submitted along with completed Tender document in the envelop.
- b. If the tender documents are to be downloaded from the web site (www.niohkol.nic.in), in that case the DD/Pay order of Rs. 500.00 in favour of "**NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED**" payable at Kolkata towards the cost of Tender document is to be submitted along with completed Tender document in the envelop.
- c. Other documents mentioned in the Checklist as per Annexure I.
- d. The tenderer shall have to clearly mention in bold letters the name of the work, NIT No, Date of NIT, Name of the Firm with full address & date of submission on the top of the sealed envelope containing tender document.
- e. Telegraphic/cabled/faxed/e-mail or any type of exposed tenders will be summarily rejected.

2.3.2. The Tenderers are advised not to deviate from the technical specifications, items, commercial terms and conditions of NIT like terms of payment, guarantee, arbitration clause, escalation etc.

2.3.3. The bid only shall be opened on 08.10.2015 at 3:30 pm.

2.3.4. Scrutiny/ evaluation of bid documents shall be done by the Tender Committee of NIOH, Kolkata. In case if it is found that the bid of the Tenderer is not in line with NIT specifications, requirements and/or contains any deviations, the department reserves the right to reject the bid of such firms without making any reference to

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the Tenderer(s).

2.3.5. Any clarifications required by the department shall have to be furnished by the Tenderer within the time given by the department for the same. The Tenderer will have to depute his representative to discuss with the officer(s) of the department as and when so desired. In case, in the opinion of the department a Tenderer is taking undue long time in furnishing the desired clarifications, his bid will be rejected without making any reference.

2.3.6. In the bid document, submitted by the tenderer, shall be no condition whatsoever. In case any Tenderer mentions any condition including conditional rebates in their price part, Tender shall be rejected forthwith. A Tenderer will also not be allowed to withdraw or modify any condition after the technical bids have been.

2.3.7. The department reserves the right to reject any of or all the bids and go for fresh Tenders as the case may be without assigning any reason.

3. TERMS OF PAYMENT:

No advance payment will be made. The payment will be made on submission of the bill after completion of the job. Stipulations like levy of interest if payment is not made in specified time is not acceptable to the department.

3.1. Security deposit:

Security deposit shall be deducted from each running bill and the final bill to the extent of 10% of the gross amount payable. The earnest money deposit shall be adjusted with this security deposit. The security deposit shall be released on expiry of guarantee period stipulated in the contract.

4. COMPENSATION FOR DELAY:

The work is to be completed within the stipulated period. In case of delay a penalty @ 1½ percent per month computed on per day basis subject to the maximum of 10% of Quotation amount will be recovered from final bill.

5. Rates:

The rates quoted by the Tenderer shall be firm and inclusive of all taxes (including work contact taxes), duties and levies and all charges for packing, forwarding, insurance, freight and delivery, installation, testing, commissioning etc. at site.

Intending Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the building, the form and nature of the site, the means of access to the site and in general shall themselves obtain all necessary information as to risk, contingencies and other circumstances which may

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influence or affect their bid. A Tenderer shall be deemed to have full knowledge of the site whether he inspect it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost, all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the tender documents and made himself aware of the scope and specifications of the work to be done and of conditions and other factors having a bearing on the execution of the work. No T&P shall be issued by the department and nothing extra shall be paid in this regard.

6. COMPLETENESS OF TENDER:

All sundry equipment, fittings, termination lugs for electrical connections, and all other items which are useful and necessary for installation of the work shall be deemed to have been included in the Tender irrespectively of the fact whether such items are specifically mentioned in the Tender document or not.

7. STORAGE AND CUSTODY OF MATERIALS:

The agency has to make his own arrangement for storage of materials & equipments. No separate storage accommodation shall be provided by the department. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the department.

8. CARE OF THE BUILDING:

Care shall be taken by the contractor while carrying out the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste materials arising out of the installation from the site of work.

9. COMPLETION PERIOD:

Time of completion of the total work is 90 days from the date of issue of the work order as indicated in the Tender documents. The completion period is for the entire work of planning, supplying, mobilization of tools and manpower, installation, testing, dismantling the existing wiring, removing of unwanted and waste materials arising out of the installation from the Institute Campus etc. and handling over of the entire system to the satisfaction of the Engineer-in-Charge.

11. PERFORMANCE GUARANTEE:

- 11.1. The Tender shall guarantee among other things, the following:
- a. Quality, strength and performance of the materials used.

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- b. Safe mechanical and electrical stress on all parts under all specified conditions of operation.

12. The successful Tenderer shall submit an irrevocable performance guarantee of 5% of the Tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement within 15 days from the date of issue of work order. This guarantee shall be in the form of government securities or fixed deposit receipts or guarantee bonds of any scheduled nationalised bank or the State Bank of India in the specified format or Demand Draft/ Pay Order. The performance guarantee shall be initially valid up to the stipulated date of completion plus 90 days beyond. This bank guarantee kept valid till the recording of completion certificate for the work by the competent authority. **In case the contractor fails to deposit the said performance guarantee within the period as indicated above, including the extended period if any, the EMD deposited by the contractor shall be forfeited automatically without any notice to the contractor.**

13. GUARANTEE:

All equipments shall be guaranteed for a period of **12 months** from the date of taking over the installation by the department against unsatisfactory performance. The equipments or components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-Charge. In case if it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of the Engineer-in-Charge in this regard shall be final.

19. VALIDITY:

Tenders shall be valid for acceptance for a period of 90 days from the date of opening of bid.

20. COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS:

- 20.1. All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by these specifications. In particular, the equipment and installation will comply with the following:
 - a. Indian Electricity Rules.
 - b. IS & BS Standards as applicable.
 - c. Workmen in compensation Act.
 - d. Statutory norms prescribed by local bodies like CEA, NDMC etc.
- 20.2. Nothing in this specification shall be construed to relieve the successful Tenderer of his responsibility for the installation work with all accessories in accordance with currently applicable statutory regulations and safety codes.
- 20.3. Successful Tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirements of safety codes in respect of labour employed

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on the work by the Tenderer. In addition, the department will be at liberty to make arrangement for the safety requirements at the cost of Tenderer and recover the cost thereof from him.

21. INDEMNITY:

The successful Tenderer shall at all times indemnify the department consequent on this works contract. The successful Tenderer shall be liable in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the department shall not be responsible for any accident or damage incurred or claims arising there from during the period of execution of work under the supervision of the successful Tenderer in so far as the latter is responsible. The successful Tenderer shall also provide all insurance including their party insurance as may be necessary to cover the risk. No extra payment would be made to the successful Tenderer due to the above.

22. ERECTION TOOLS:

No tools and tackles required for installation purposes would be made available by the department. The successful Tenderer shall make his own arrangement for all these facilities.

23. CO-OPERATION WITH OTHER AGENCIES:

The successful Tenderer shall co-ordinate with other contractors and agencies engaged in the construction of building, if any, and exchange freely all technical information so as to make the execution of this works contract smooth. No remuneration should be claimed from the department for such technical co-operation. If any unreasonable hindrance is caused to other agencies and any completed portion of the work, has to be dismantled and re-done for want of co-operation and co-ordination by the successful Tenderer during the course of work to the original condition and specification of the dismantled portion of the work was not undertaken by the successful Tenderer himself.

24. MOBILIZATION ADVANCE:

No mobilization advance shall be paid for this work.

25. CONTRACT AGREEMENT:

This notice inviting tender shall be form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the accepting authority shall within 15 days from the stipulated date of start of the work, sign the contract as per Govt. Rules. Bidders shall quote his as per the guideline of various terms and conditions of the Form 7, General Condition of contracts 2014 (CPWD), modified and correct up to the last date of submission of bid and other standard CPWD form as applicable.

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PRICE SCHEDULE

NAME OF THE WORK: Renovation to E.I. Work of OT 1 & 2 Building of NIOH, Kolkata.					
Sl.No:	Description of Work	Qty	Unit	Rate Rs.	Amount Rs.
1	Supplying and fixing MCB SS enclosure with IP-20/30 protection, powder coated provision for two pole MCB Isolator (Havells Make), concealed in wall after cutting the wall & mending good the damages to original finish incl. painting, connection & provision for earthing attachment as per G.S.	17	nos.	312.00	5304.00
2	Supplying and fixing 250 V 6 WAY Enclosure (cat no: DHDPHODPW06) double-door SPN MCB Distribution Board (Havells Make) with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment as per G.S.	8	nos.	1090.00	8720.00
3	Supplying and fixing 250 V 12 WAY Enclosure (cat no: DHDPHODPW12) double-door SPN MCB Distribution Board (Havells Make) with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment as per G.S.	9	nos.	1397.00	12573.00
4	Supplying and fixing 240/415 V,40 A (Havells Make) MCB Isolator on din rail of existing DBs and necessary connection as per G.S.	34	nos.	244.00	8296.00
5	Supplying and fixing 240/415 V, 6-32 A (Havells Make) MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection as per G.S.	104	nos.	198.00	20592.00
6	Distribution wiring in 1.1 KV grade single core stranded 'FR' PVC insulated & unsheathed 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC copper wire (Finolex FR) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required as per G.S.	900	RM	136.00	122400.00
7	Distribution wiring in 1.1 KV grade single core stranded 'FR' PVC insulated & unsheathed 2 x 36/0.3 (4 sqmm) + 1 x 22/0.3 (2.5 sqmm) ECC copper wire (Finolex FR) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as	100	RM	171.00	17100.00

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	required as per G.S.				
8	Distribution wiring in 1.1 KV grade 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Finolex FR) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light points/ fan points/ lamp points with Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall complete with 2 no. suitable size "Ph & N" copper bar incl. bakelite top cover 3 mm thick and incl. 175mmx100mmx 65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish, as per G.S. [Average Run 6 meter]	300	point	791.00	237300.00
9	Supply and fixing of Socket type fan regulator (Step Type) (Anchor make) on existing sheet metal switch board with bakelite top cover by screw after making housing for regulator knob by cutting bakelite cover incl. making necessary connection and etc. as per G.S.	80	nos.	272.00	21760.00
10	Supply & Fixing 240 V, 6A, plug socket with separate 6 A Piano key type switch (Anchor make) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite cover and making necessary connections as required as per G.S.	40	point	226.00	9040.00
11	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Anchor make) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite cover and making necessary connections as required as per G.S.	10	point	324.00	3240.00
12	Fixing only single /twin fluorescent light fitting complete with all accessories directly on wall/ceiling with one way MS circular box with cover as per G.S.	120	nos.	115.00	13800.00
13	Fixing of 5- 30 A, 230 V, Digital Energy meter with screws & other fixing materials incl. making necessary holes and connections as per G.S.	1	nos.	57.00	57.00

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14	Earthing with 50 mm dia TATA medium GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as per G.S.	3	nos.	1675.00	5025.00
15	Connecting the equipments to earth busbar including S & F NO. 4 SWG GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages as per G.S.	30	RM	20.00	600.00
		TOTAL=			Rs4,85,807.00

(Rupees Four Lakh Eighty Five Thousand Eight Hundred Seven only)

I/ We agree to carry out the work% [In Words:
.....percent]
ABOVE /BELOW/ AT PER the Schedule of Works.

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Annexure I

CHECKLIST OF SUBMITTING DOCUMENTS - (TO BE FILLED BY THE TENDERER)

SL. NO:	DOCUMENTS	PLEASE MARK “√” IF DOCUMENT SUBMITTED*
1	Original Tender document, issued from Civil Engineering Department, NIOH, Kolkata duly filled in and signed by the tenderer.	
2	Tender document, downloaded from the web site www.niohkol.nic.in duly filled in and signed by the tenderer.	
3	DD/Pay order of Rs. 500.00 in favour of “NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED” payable at Kolkata towards the cost of Tender document. (In the case of Tender documents are downloaded from the web site www.niohkol.nic.in)	
4	Scan copy of EMD amounting to Rs. 12,150.00 in form of Bank Draft/Pay order in favour of “NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED” payable at Kolkata.	
5	Signed photo copy of satisfactory completion certificate from an officer not below the rank of Executive Engineer of One similar work mentioned in this NIT of value not less than 3.88 lakh in any government/semi government or autonomous body during last Three years ending August, 2015, as mentioned in para (i) under clause (2.1.2)	
6	Signed photo copy of satisfactory completion certificate from an officer not below the rank of Executive Engineer of Two similar works mentioned in this NIT, each of value not less than 2.92 lakh in any government/ semi government or autonomous body during last Three years ending August, 2015, as mentioned in para (ii) under clause (2.1.2)	
7	Signed photo copy of satisfactory completion certificate from an officer not below the rank of Executive Engineer of Three similar works mentioned in this NIT, each of value not less than 1.94 lakh in any government/ semi government or autonomous body during last Three years ending August, 2015, as mentioned in para (iii) under clause (2.1.2)	
8	Signed photo copy of Registration Certificate of VAT	
10	Signed photo copy of PAN Card	
12	Signed photo copy of Partnership Deed (in case of Partnership firm must be submitted with the Quotation documents)	
13	Signed photo copy of Electrical supervisory Licence	
14	Percentage rate quoted in the specified price schedule	
15	Any other documents submitting by the Tenderer, to be mentioned here:	

*Mention “Not Applicable” if the document is irrelevant.

[SIGNATURE OF THE TENDERER WITH SEAL]

[SIGNATURE OF
O I/C CIVIL ENGINEERING DEPARTMENT,
NIOH, KOLKATA]