



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

No –Cons Shed/518/CE/2002/NIOH/Part I/9484(7)

Dated: 04/03/2016

Notice Inviting Tender

Sealed Tenders are invited by the Director, NIOH, B.T.Road, Kolkata-90 in the institute's prescribed form from the reputed, bonafide and resourceful agencies who are carrying out the similar type of works in PWD/CPWD or any other Government organization to undertake the work as detailed below:

1. Name of work : Modification of lab of Rehab Engineering for establishing GAIT lab in the ground floor of Institute's main building, SH : Raising a portion of floor covering the sides with glazed partition in aluminium frame work including necessary distempering and painting.
2. Estimated Amount put to tender : Rs. 3,61,203.00
3. Time of Completion : 60 (Sixty) days
4. Earnest Money : Rs.9,030.00 to be submitted shall be in the form of Bank Draft/Pay order in favour of NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED payable at Kolkata,90.
5. Cost of Tender Paper : Rs. 500.00 payable in cash for each set of tender paper.
6. Last Date of Receiving Application for issue of Tender Paper : **14/03/2016** up to 4.00 PM
7. Last Date of issue of Tender Paper : **15/03/2016** up to 4.00 PM
8. Last Date of Receiving filled in Tender Paper : **18/03/2016** up to 3.00 PM
9. Date of opening of Tender : **18/03/2016** at 3.30 PM
10. Tender document can also be downloaded from the web site (www.niohkol.nic.in). In that case the DD/Pay order of Rs 500.00 towards the cost of tender document is to be submitted with completed tender document in the envelop.

I/C CE DEPARTMENT
NIOH, KOLKATA

General Instruction and terms & conditions

Kindly submit following document along with tender for the above works -

1. Attested copy of satisfactory completion certificate from an officer not below the rank of Executive Engineer of similar nature of work as given below :
 - i) One similar work of value not less than 2.89 lakh in any government/semi government or autonomous body during last seven years ending 31st January, 2016.
 - ii) Two similar works each of value not less than 1.81 lakh in any government/semi-government or autonomous body during last seven years ending 31st January, 2016.
 - iii) Three similar works each of value not less than 1.44 lakh in any government/semi-government or autonomous body during last seven years ending 31st January, 2016.
2. Copy of Trade license, Registration certificate of VAT, PAN Card, Partnership deed in case of Partnership firm.
3. Demand Draft/Pay Order as Earnest money of the amount as indicated in NIT.
4. Price schedule with rate offered.

Sealed envelopes containing above documents are to be enclose in an envelope, and dropped in the tender box of Engineering Section within 18/03/2016 between 10AM to 3PM addressed to the Director, NIOH, B.T. Road, Bonhooghly, Kolkata-90 with the name of work **“Modification of lab of Rehab Engineering for establishing GAIT lab in the ground floor of Institute’s main building, SH : Raising a portion of floor covering the sides with glazed partition in aluminium frame work including necessary distempering and painting.”** boldly superscripted on the top of the mother envelop.

Submission and opening of tender

- A) Telegraphic/cabled/faxed/e-mail or any type of exposed tender will be summarily rejected.
- B) Sealed tender will be opened in presence of tenderer/representative at Date & time specified in the NIT.

Earnest money and security deposit

All tender must be accompanied with earnest money deposit as indicated above. Tenders without EMD will be rejected. The EMD will be returned to the unsuccessful tenderers & shall be adjusted with Security deposit in case of successful tenders. No interest will be paid in EMD or Security deposit. The security deposit will remain in custody of the institute till defect liability period of six month which will be counted from the actual date of completion.

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ADDITIONAL TERMS AND CONDITIONS

1. The works is to be executed in such a manner that day to day activities of the institute may not hamper.
2. Work may be require to execute on emergency basis i.e. on Sundays/holidays/beyond office hours depending upon the situation without any extra claim/ charge.
3. Shifting of furniture, machinery etc. before and after execution of work shall be a part of tender work.
4. Shifted materials may be kept under the custody of contractor till those are handed hoverer to the in charge of respective unit for whom work executed.
5. Any damage occurs during shifting of Government article should be make good by the contractor.
6. (a) The contractor shall have to make own arrangement of water and electricity for which nothing extra will be paid on that account subject to the condition that the water used shall be fit for construction purpose.
(b) Water and electricity if possible may be supplied to the contractor on request. Water charges @ 1% of gross amount of bill and electricity charges at prevailing CESC rate as per actual consumption will be recover from the bill. But in case of any disruption of supply the contractor shall make his own alternative arrangement. No claim of damage or refund of water and electrical charge will be entertained on account of such occasion.
(c) Construction cess @ 1% of gross amount of bill will be recovered from the bill.
7. The work is to be completed within the stipulated period. In case of delay a penalty @ ½ percent per week subject to the maximum of 10% of the tender amount will be Recovered from final bill.

NOTE

If any document furnish during submitting the tender paper are found false, incorrect or misleading even after opening of tender, the tender may be declare cancel.

The court of Kolkata will only be the jurisdiction to deal with and decide on any dispute whatsoever arising out of this tender.

The Authority of the Institute reserve the right to reject any of all tender paper without assigning any reason thereof.

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NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED
(Department of Empowerment of PwDs, Under Ministry of Social Justice & Empowerment, Government of India)
B.T. Road, Bon-Hooghly, Kolkata-700090

PRICE SCHEDULE

Based on CPWD Delhi Schedule of Rate 2012 enhance by current C.I 31.54% above

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| Name of Work :- | <u>Modification of lab of Rehab engineering for establishing GAIT lab in the Ground floor of Institute's main building. SH : Raising a portion of floor covering the sides with glazed partition in alluminium frame work including necessary distempering and painting.</u> |
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| SL NO. | Description of Work | Quantity | Unit | Rate (Rs.) | Amount (Rs.) |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|-------------------|---------------------|
| 1 | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil. | 2.07 | Cum | 172.05 | 356.15 |
| 2 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) | 16.00 | Cum | 4,061.23 | 64,979.71 |
| 3 | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand) | 7.00 | Cum | 5,098.69 | 35,690.81 |
| 4 | Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water , ramming complete including the cost of supply of sand. | 50.00 | Cum | 985.24 | 49,262.00 |
| 5 | Supplying and filling in plinth with fine sand under floors, including watering, ramming, consolidating and dressing complete. | 22.00 | Cum | 1104.22 | 24292.84 |
| 6 | Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate. | 150.00 | Sqm | 368.38 | 55256.67 |

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| 7 | Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge. | 32.00 | Sqm | 20.91 | 669.28 |
| 8 | Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand) | 20.00 | Sqm | 627.25 | 12544.97 |
| 9 | Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry. | 20.00 | Sqm | 83.26 | 1665.30 |
| 10 | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. | 17.00 | Sqm | 952.68 | 16195.53 |
| 11 | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) | 45.00 | Kg | 471.31 | 21208.85 |
| 12 | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) | 15.00 | Kg | 534.71 | 8020.65 |

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| 13 | Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With stainless steel cover plate minimum 1.25 mm thickness. | 2.00 | Nos | 2569.11 | 5138.22 |
| 14 | Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness. | 15.00 | Sqm | 1191.42 | 17871.35 |
| 15 | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm | 4.00 | Nos | 82.21 | 328.85 |
| 16 | Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :250x10 mm | 2.00 | Nos | 113.72 | 227.43 |
| 17 | Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 150x10 mm | 2.00 | Nos | 77.61 | 155.22 |
| 18 | Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. | 1.00 | Nos | 468.41 | 468.41 |
| 19 | Bonding new brick with old at every 4th course including cutting chase and mending damages with cement mortar (1:4) and curing. | 1.60 | Sqm | 272.00 | 435.20 |
| 20 | Labour for fixing alluminium work for doors, windows, ventilators and partitions with alluminium section which will be supplied departmentally. (Glazing & panelling will be paid separately). | 85.00 | Kg | 21.98 | 1868.30 |
| 21 | Fixing glazing in alluminium door, windows ventilators, shutters and partitions etc with new EPDM rubber/ neoprime gasket etc with float glass which will be supplied departmentally. | 25.00 | Sqm | 427.62 | 10690.50 |
| 22 | Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer . | 195.00 | Sqm | 85.04 | 16582.92 |
| 23 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work. | 20.00 | Sqm | 70.83 | 1416.69 |

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| 24 | Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead : With cement mortar 1:4 (1 cement : 4 fine sand) | 15.00 | Sqm | 245.19 | 3677.86 |
| 25 | Easing , oiling and adjusting the steel shutters including scraping all members and fitting so as to make the shutters easily operable (no extra payment will be made for taking out and fixing glass, if necessary). | 8.00 | Pair | 43.00 | 344.00 |
| 26 | Renewing one point steel (oxidised) handle of steel door and windows as directed including painting complete. | 6.00 | Each | 71.00 | 426.00 |
| 27 | 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) | 20.00 | Sqm | 162.45 | 3249.04 |
| 28 | 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand) | 20.00 | Sqm | 188.56 | 3771.25 |
| 29 | Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. | 40.00 | Sqm | 110.23 | 4409.22 |
| | | | | TOTAL | 361,203.21 |
| | | | | Say | 361,203.00 |

I/C CIVIL ENGG DEPT

I / We agree to carry out the above work AT PAR
ABOVE the rates shown in the price schedule.

BELOW /