

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY

Sl. No.02 Short Tender Notice No.102 (C&E)/2016-17

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|----------------|---|---|-------------|----------------------|
| Sl. No. | Name of the Work :- | Construction Work of Gas Plant Hall in East side of Trauma Center and Wooden Wardrobe for 1st floor Trauma Center Building at IGIMS, Patna. | | |
| 1 | Estimated Cost (In Rs.) :- | 9,88,000.00 | | |
| 2 | Earnest Money (In Rs.) :- | Rs.20,000/- | | |
| 3 | Cost of B.O.Q. (In Rs.) :- | 1,250.00 | | |
| 4 | Time of completion :- (In Days) | 30 Days | | |
| 5 | Last Date, time & place for submission of tender- | 15/ 11/2016 up to 3:30 PM at office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier. | | |
| 6 | Date and time for opening of tender-(Technical Bid)- | 16/ 11/2016 at 3.30 PM in Conference Hall of IGIMS, Patna | | |
| 7 | Date & Time for opening of Price Bid of technically Suitable bidders. | 18/ 11/2016 at 3:30 PM in conference hall, IGIMS, Patna. | | |
| Sl. No. | ITEM DESCRIPTION | UNIT | Qty. | RATE (In Rs.) |
| 1 | Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m | | | |
| a | All kinds of soil. | sqm | 200.00 | 7.19 |
| 2 | Boring, providing and installing bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring, with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. all complete, including removal of excavated earth with all lifts and leads (Length of pile for payment shall be measured upto bottom of pile cap). | | | |
| a | 300 mm dia piles | Meter | 24 | 1,309.30 |

| | | | | |
|----|---|------|--------|----------|
| 3 | Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete | Cum | 30.00 | 192.50 |
| 4 | Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I, | sqm | 80.00 | 227.60 |
| 5 | Providing designation 100 A one brick on edge soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I, | sqm | 12.00 | 365.10 |
| 6 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level. | | | |
| a | 1:1.5:3(1 Cement :1.5 coarse sand:3 graded stone aggregate 20 mm nominal size) | cum | 20.00 | 3,741.30 |
| 7 | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,shuttering,finishing and reinforcement-All work upto plinth level | | | |
| a | 1:1.5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size) | cum | 14.00 | 3,881.20 |
| 8 | Reinforcement for R.C.C. work including straightening,C10cutting, bending, placing in position and binding all complete. | | | |
| a | Thermo-Mechanically Treated bars TMTC-500-8mm dia | kg | 300.00 | 74.40 |
| b | Thermo-Mechanically Treated bars TMTC-500-10mm dia. | kg | 400.00 | 73.10 |
| c | Thermo-Mechanically Treated bars TMTC-500-12mm dia | kg | 350.00 | 71.80 |
| 9 | Centring and shuttering including strutting,propping etc. and removal of form for. | | | |
| a | Lintels, beams, plinth bams, griders, bressumers and contilevers. | sqm | 35.00 | 251.30 |
| 10 | Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand) Extra for Brick work in superstructure above plinth level up to floor V cum | Cum | 10.00 | 4,184.00 |
| 11 | Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand) | Sqm. | 70.00 | 100.30 |
| 12 | 15 mm cement plaster on rough side of single or half brick wall of mix1:4(1 cement: 4 coarse sand) | Sqm. | 70.00 | 116.30 |
| 13 | Neat cement punning | Sqm. | 70.00 | 27.90 |
| 14 | Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats). | Sqm. | 250.00 | 60.50 |

| | | | | |
|----|--|------|--------|----------|
| 15 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work | sqm | 100.00 | 50.90 |
| 16 | Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3mm MS gusset plates at the junction and corners.all necessary fittings completeincluding applying a priming coat of approved steel primer. | sqm | 13.00 | 2,598.90 |
| 17 | Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coar of approved steel primer,welded and bolted including special shaped washers etc. complete:10.16.1 Hot finished welded type tubes | Kg. | 600.00 | 92.90 |
| 18 | Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-n-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required | Sqm. | 70.00 | 622.00 |
| 19 | Carrage of the following material | | | |
| | Local Sand | Cum | 30 | 205.29 |
| | Sone Sand (45 km from Koelwar) | Cum | 26 | 690.74 |
| | Stone Aggregate ,(156 Km From Domchch, Koderma | Cum | 34 | 2018.1 |
| | Bricks (7P+ 1K) | %o | 8 | 601.67 |
| | Difference of Cost of Bricks | %o | 8 | 1473.55 |
| | Difference of Cost of Cement | tonn | 20 | 798.89 |

| ITEM WISE RATE QUOTTED BY BIDDER (Non Schedule Item) | | | | |
|---|---|-----|-------|--|
| 01 NSI | Supply & Making of wall panelling on wall as per design or making Cub -Board / Almirah/ Shelve with 12 & 19 mm green ply/ centuryply wood/block wood inclusive of Pasting wooden laminate 1.0mm one side of all area and,Fixing all required fittings including Hinge, Magnetic Catcher, handle Lock etc As per direction of Engineer In-charge. Measurement taken only laminated area. | Sqm | 80.00 | |

Quoted Rates:

a- í í í í í í % above

b- í í í í í í % below

c- í í í í at estimated cost.

NOTE:-

NOTE:-

Contractors are requested to quote their rates % above / % below / at estimated rate for Schedule Items and Item wise rate for non schedule item (01 of NSI)

1- Issued to :.....

2- Full postal address :-

3- Earnest money deposited :-

4- Registration No. :-

5- Time of completion :-

Signature of Contractor

Superintending Engineer
I.G.I.M.S., Patna