

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY

Sl. No.- 01 Tender Notice No.93 (C)/2016-17

Sl. No.	Name of the Work :-	Repair & Painting work of Biochemistry , Pathology , Mian Corridor of Diagnostic Block , Core Block (part area) , 1st. And 2nd. Floor Corridor Polyclinic & Room no. 51 of Ward Block and Corridor (part area) of ward Block and Other Places at IGIMS, Patna			
1	Estimated Cost (In Rs.) :-	Rs. 9,97,371.00			
2	Earnest Money (In Rs.) :-	Rs. 20,000/-			
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1,250/-			
4	Time of completion :- (In Days)	30 Days			
5	Last Date, time & place for submission of tender-	14/05/2016 up to 1:30 PM at office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier.			
6	Date and time for opening of tender-(Technical Bid)-	16/05/2016 at 3.30 PM in Conference Hall of IGIMS, Patna			
7	Date & Time for opening of Price Bid of technically Suitable bidders.	18/05/2016 at 3:30 PM			
Sl. No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
CIVIL WORK					
1	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches etc. Gmplete	sqm	7,342.00	5.40	39,646.80
2	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	sqm			-
a	cement primer	sqm	1,880.00	24.90	46,812.00
b	ditemper primer	sqm	6,607.00	26.10	1,72,442.70
3	Distemping with 1st quality washable distemper (ready made) of approved manufacturer and of required shade and colour complete. As per manufacture's specifications.	sqm	4,682.00	34.70	1,62,465.40
4	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shadeOne or more coats on old work	sqm	1,925.00	36.40	70,070.00
5	With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works	sqm	390.00	25.20	9,828.00
6	With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works	sqm	410.00	21.30	8,733.00
7	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade:				-
a	Old steel work (one or more coats)	sqm	410.00	38.70	15,867.00
b	Old wood work (one more coats)	sqm	390.00	38.70	15,093.00
8	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under including cutting the patch in proper shape and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead.				-
a	With cement mortar 1:4(1 cement:4 coarse sand)	sqm	200.00	150.10	30,020.00
9	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	1,700.00	76.80	1,30,560.00
10	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade				-
a	Old work (one or more coats)	sqm	1,880.00	39.90	75,012.00
8	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (Thickness to be specified by the manufacture) 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 Motor 1:3(1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	Sqm.	125.00	754.20	94,275.00
9	Providing and fixing fitting aluminium glazed sliding window with 4 mm thick glazing of frost glass fitted on aluminium rail all complete as per specification and direction of E/S.	sqm	12.00	2,959.00	35,508.00
10	Providing and fixing anodised aluminium work for doors, windows, ventilator and partitions with extruded built up standard tubular and other sections of approved make conforming to IS : 733 and IS : 1285,anodised trasparent or dyed to required shade according to IS : 1868,(Minimum anodic coating of grade AC 15), fixed with.rawl plugs and screws or with fixing clips , or with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust fre straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading tor glazing/panelling, C.P. brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (GlazingFor fixed portion and panelling to be paid for separately	kg	50.00	354.80	17,740.00

11	Providing and fixing 12 mm thick pre-laminated three layer medium density (exterior grade) particle board Grade I, Type II conforming to IS : 12823 bonded with phenol formaldehyde synthetic resin, of approved brand and manufacture in panelling fixed in aluminium doors, window shutters and partition frames, with C.P.brass/stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. 24.2.1 Pre-laminated particle board with decorative lamination on one side and balancing lamination of other side	Sqm	10.00	1,055.50	10,555.00
12	Half brick masonry with bricks of class designation 100A in foundations and plinth in level. :Extra for half Brick masonry in superstructure above plinth level upto floor V level.	Sqm	30.00	538.30	16,149.00
13	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3 (1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	cum	1.00	4,436.60	4,436.60
14	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo-Mechanically Treated bars TMTC-500- 8mm dia.	kg	100.00	74.40	7,440.00
15	Centring and shuttering including strutting, propping etc. and removal of form for				-
16	Lintels, beams, plinth bams, grids, bressumers and cantilevers.	Sqm	20.00	251.30	5,026.00
17	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				-
a	Size of Tile 500 x 500 mm. for wall	Sqm	12.00	1,433.90	17,206.80
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	130.00	11.30	1,469.00
45	Carrage of the following material				-
b	Sone Sand (45 km from Koelwar)	Cum	8.00	690.74	5,525.92
c	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	0.90	2,018.10	1,816.29
d	Bricks (7P+ 1K)	%o	1.00	601.67	601.67
d	Difference of Cost of Bricks	%o	1.00	1,473.55	1,473.55
f	Difference of Cost of Cement	tonn	2.00	798.89	1,597.78
				Total Amount (Rs.)	9,97,370.51
PERMISSIBLE LIMIT UP TO 10% ("HIGH" OR "LOW")					
Quoted Rates:					
a% above				
b% below				
cat estimated cost.				
NOTE:-					
Contractors are requested to quote their rates % above / % below / at estimated rate					
In above format tenders quoting item wise rate will be rejected.					
1-	Issued to				
2-	Full postal address				
3-	Earnest money deposited				
4-	Registration No.				
5-	Time of completion				

Signature of Contractors

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