

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-01

SHORTURGENT TENDER NOTICE NO. Engg./05/CW/Tender/2020-21

Sl. No.	Name of the Work :-	Aluminium Partition work for Isolation Bed for COVID-19 Patient at Ground Floor Trauma centre Building at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 4,27,000/-		
2	Earnest Money (In Rs.) :-	Rs. 8,600/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 750/-		
4	Time of completion :- (In Days)	30 Days		
5	Date, time & place for submission of Complete tender-	As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT		
Sl. No.	Item Description Schedule	Unit	Qty.	Rate
1	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 / aneling, 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)	kg.	726.74	369.20
2	Providing and fixing 4mm thick ACP 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-incharge	sqm	66.00	1198.89
3	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows and partition etc. EPDM Rubber / neoprene gasket etc.			

a	with float glass panes of 5.5 mm thick	sqm	66.00	1017.30
4	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:100 mm each 54.60	Each	18.00	47.50
5	Providing and fixing alluminium sliding door bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete: 250x 16 mm	Each	18.00	195.50
6	Providing and fixing alluminium sliding tower bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete:			
a	300x10 mm	Each	9.00	105.20
7	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete	Sqm	130.00	8.10
8	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm	130.00	45.20

Quoted Rates:for schedule item

- a-% above
- b-% below
- c-at estimated cost.

NOTE:-

Contractors are requested to quote their rates % above / % below / at estimated rate for Schedule Items and Item wise rate for non schedule item as mention in above.

- 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

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-02

SHORTURGENT TENDER NOTICE NO. Engg./05/CW/Tender/2020-21

Sl. No.	Name of the Work :-	Aluminium Partition work for Administrative Hall at Ground floor New Medical college Building at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 1,74,000/-		
2	Earnest Money (In Rs.) :-	Rs. 3,500/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 500/-		
4	Time of completion :- (In Days)	15 Days		
5	Date, time & place for submission of Complete tender-	As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT		
Sl. No.	Item Description Schedule	Unit	Qty.	Rate
1	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 / aneling, 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)	kg.	346.71	369.20
2	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.			
a	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	sqm	38.26	851.20

3	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows and partition etc. EPDM Rubber / neoperen gasket etc.			
a	with float glass panes of 5.5 mm thick	sqm	13.20	1017.30

Quoted Rates:for schedule item

- a-% above
- b-% below
- c-at estimated cost.

NOTE:-

Contractors are requested to quote their rates % above / % below / at estimated rate for Schedule Items and Item wise rate for non schedule item as mention in above.

- 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

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-03

SHORTURGENT TENDER NOTICE NO. Engg./05/CW/Tender/2020-21

Sl. No.	Name of the Work :-	Construction of Connecting Corridor for Existing OPD Block at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 13,90,000/-		
2	Earnest Money (In Rs.) :-	Rs. 27,800/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 2500/-		
4	Time of completion :- (In Days)	30 Days		
5	Date, time & place for submission of Complete tender-	As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT		
Sl. No.	Item Description Schedule	Unit	Qty.	Rate
1	Earth work in excavation 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.			
a)	All kinds of soil	cum	20.75	319.60
2	Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.	cum	11.06	238.60
3	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	69.48	277.50
4	Reinforced cement concrete work in wall (any hickness), including attached plasters, utresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishin and reinforcement			
a	1:1.5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	Cum	11.17	5,723.30
5	Providing and laying in position cement concrete of specified grade exluding 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	3.15	4,033.00

6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.			
i)	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	kg	140.00	77.40
ii)	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	kg	357.00	76.70
7	Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. Complete 10.16.1 Hot finished welded type tubes	Kg.	9,768.98	88.60
8	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-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 Engineer-in-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.	356.50	575.80
9	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, 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 using self drilling/ self tapping screws complete :			
a	Ridges plain (500 - 600mm)	sqm	69.00	371.10
10	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:			
a	New work (three or more coats)	sqm	345.00	70.40
11	Chequerred precast cement concrete tiles 22 mm thick with marbie chips of size 6 mm in footpath & coutyard jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and cleaning tec. Complete on 20 mm thick bed of cement mortar 1:4(1 cement:4 coarse sand)			
a	shade using white cement	sqm	55.50	960.60
12	15 mm cement plaster on rough side of single or half brick wall of mix1:4(1 cement: 4 coarse sand)	Sqm.	15.75	161.90
13	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand).	Cum	3.94	5,037.20
14	Extra cost for carriage of Material			
a	Local Sand / Earth soil (3 Km)	Cum	12.00	262.05
b	Sone Sand (45 km from Koelwar)	Cum	9.00	878.40
c	Stone Aggregate ,(110 KMmanpur gaya)	Cum	13.00	1,865.77

d	Bricks (7P+ 1K)	%o	4.23	767.08
e	Difference of Cost of Bricks	%o	4.23	1,470.46
f	Difference of Cost of Cement	tonn	8.53	636.50

Quoted Rates:for schedule item

- a-% above
b-% below
c-at estimated cost.

NOTE:-

Contractors are requested to quote their rates % above / % below / at estimated rate for Schedule Items and Item wise rate for non schedule item as mention in above.

- 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