

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-01

SHORT URGENT TENDER NOTICE NO.- Engg. /13/CW/Tender/2021-22

Sl. No.	Name of the Work :-	Construction M.S Gate Near SCI Building at IGIMS Patna-14		
1	Estimated Cost (In Rs.) :-	Rs. 8,83,506/-		
2	Earnest Money (In Rs.) :-	Rs. 17,700/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1,250/-		
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	Unit	Qty.	Rate
	CIVIL SCHEDULE			
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. All kinds of Soil	cum	7.78	360.70
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead	cum	3.89	116.50
3	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete	cum	10.00	281.40
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	10.00	285.20
5	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.			
a	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20,mm nominal size)	cum	2.00	3,832.50
6	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of tring,shuttering,finishing and reinforcement-All work puto plinth level			

a	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)c	cum	5.80	4,630.90
7	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.		-	
a	Thermo-Mechanically Treated bars TMTC-500-8mm dia	kg	75.00	70.60
b	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	kg	205.00	69.20
8	Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc. All complete.	kg	1,834.00	116.90
9	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:Hot finished welded type tubes	kg	1,380.00	117.70
10	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm.	193.50	80.30
11	Centring and shuttering including strutting,propping etc. and removal of form for.			
a	Foundations, footings, bases of columns etc. for mass concrete.	sqm	41.76	203.00
12	Providing & fixing UV stabilised fiberglass reinforced plastic sheetroofing up to any pitch, including fixing with polymer coated 'J' or 'L'hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete butexcluding the cost of purlins, rafters, trusses etc. The sheets shall bemanufactured out of 2400 TEX panel rovigs incorporating minimum0.3% ultra-violet stabiliser in resin system under approximately 2400 psiand hot cured. They shall be of uniform pigmentation and thicknesswithout air pockets and shall conform to IS 10192 and IS 12866.Thesheets shall be opaque or translucent, clear or pigmented, textured orsmooth as specified.			
a	2mm thick flat	sqm	75.00	927.10
13	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :			
a	250 mm dia. R.C.C. pipe	metre	120.00	639.30
14	Stone tile work for wall lining upto 10.0m height with special adhesive like araldite or equivalent over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand) including pointing in-white cement with an admixture of pigment to match the stone shade .			
a	8 mm thick (mirror polished and machine cut edge) Granite black stone	sqm.	28.80	1,861.40

15	Providing & Fixing decorative high pressure laminated sheet of plain /wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality			
a	1.0 mm thick	sqm	96.00	634.60
16	Providing and fixing glazing in alumnum door, window,Ventilator shutter and partition etc.with EPDM rubber/neoprene gasket etc. Complete as per the architectural drawings and the direction of engineering-in-charge.(cost of alluminium snap beading shall be paid in basic item.)			
a	Float glass panes.5.5 mm thick glass pane.	sqm	3.00	1,110.20
17	Providing and fixing bright finished brass handles with screws etc. complete:			
a	100mm	each	3.00	186.70
18	Providing M.S. Piano hinges ISI marked IS : 3818 finished with nickel plating and fixing with necessary screws etc., complete			
a	Overall width 50 mm	Rmt.	3.00	170.40
19	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.			
a	50 mm	each	3.00	211.70
20	Non-asbestos multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (high pressure steam cured) as per IS :14862 with suitable fibre cement screw 8 mm thick. (everest Havy duty or its equavalant.)	sqm	75.00	817.10
21	Extra cost for carriage of Material			
a	Local Sand / Earth soil (3 Km)	Cum	10.00	260.70
b	Sone Sand (45 km from Koelwar)	Cum	3.32	877.70
c	Stone Aggregate ,(Gaya Manpur)	Cum	6.27	1,865.91
d	Bricks (7P+ 1K)	%o	0.33	682.47
e	Difference of Cost of Bricks	%o	0.33	1,463.49
f	Difference of Cost of Cement	tonn	3.00	236.95
	Civil Non-Scheduled Item			
22	Providing and fixing 12mm thick Centutary/Green ply of approved brand. For cup-board , ward robe , partition / panelling Etc. All complete as per archiectural drawings and directions of engineer-incharge	sqm	12.00	1111

23	Providing and fixing 19 mm thick Centutuary/Green ply of approved brand. For cup-board , ward robe , partition / panelling Etc. All complete as per archiectural drawings and directions of engineer-incharge	sqm	22.80	
----	---	-----	-------	--

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 : o o o o o o o o o o o o o o o o..
- 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