

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-01

SHORT URGENT TENDER NOTICE NO. Engg./ 01(Civil) /2019-20

Sl. No.	Name of the Work :-	Aluminium partition and grill work for new registration counter in Dharmshala and Aluminium partition in Gastro Deptt. 3rd floor polyclinic Building at IGIMS, Patna
1	Estimated Cost (In Rs.) :-	Rs. 9,67,200/-
2	Earnest Money (In Rs.) :-	Rs. 19,500/-
3	Cost of B.O.Q. (In Rs.) :-	Rs. 2,500/-
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
1	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:			
a	In cement mortar	cum	2.00	685.10
2	Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.	cum	18.59	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	92.96	277.50
4	Providing and laying in position cement concrete of specified grade excluding 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	14.23	4,033.00
5	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand).	Cum	5.56	5,037.20
6	Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand)	Sqm.	49.20	139.90
7	15 mm cement plaster on rough side of single or half brick	sqm	49.20	161.90

	wall of mix.1:4(1 cement: 4 coarse sand)			
8	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete			
a)	20 to 25 mm thick	sqm	10.32	1,119.60
9	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	98.40	31.70
10	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade			
a	New work (Two or more coat applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior	sqm	98.40	90.10
11	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L- Type sections, made of 1.60 mm thick M.S. Sheet,joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of			
a	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	Kg.	1,017.25	203.90
12	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm.	126.60	70.40
13	Supply and fixing IS : 3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screw etc. Complete.	Each	3.00	429.50
14	Providing and fixing alluminium handles anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc. complete125mm	Each	20.00	54.00
15	Supply and fixing bright finished brass hangging type floor door stopper with necessary screws etc complete.	Each	12.00	91.70
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.:			
a	300x10mm	each	12.00	105.20
17	Providing and fixing aluminium sliding door 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 nuts and screws etc.			
a	300x16mm	each	12.00	220.40
18	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	5.16	2,959.00

19	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be easured for payment).for window jali	kg.	88.69	426.00
20	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.	522.72	369.20
21	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	42.04	851.20
22	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 / neopren gasket etc.			
a	with flaut glass panes of 5.5 mm thick	sqm	14.34	1,017.30
23	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	sqm	15.08	1,198.89

	screws etc. complete as per architectural drawings and directions of engineer-in-charge			
24	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	124.00	541.20
25	Providing and fixing bright finished brass handles with screws etc. complete:			
b	125 mm	each	26.00	182.70
26	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.	9.75	156.40
27	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	13.00	186.20
28	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. Complete			
a	Double strip (horizontal type)	each	13.00	23.70
29	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer-in-charge.	each	26.00	215.60
30	Extra cost for carriage of Material			
a	Local Sand	Cum	20.00	262.05
b	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	13.00	2,564.63
c	Sone Sand (45 km from Koelwar)	Cum	10.00	878.40
d	Bricks (7P+ 1K)	%o	5.90	767.08
e	Difference of Cost of Bricks	%o	5.90	1,470.46
f	Difference of Cost of Cement	tonn	6.05	636.50
	CIVIL NON-SCHEDULE			
31	Providing and fixing 6mm thick Centutary/Green ply of approved brand. For cup-board , ward robe , partition / panelling Etc. All complete as per architectural drawings and directions of engineer-in-charge	sqm	15.16
32	Providing and fixing 19 mm thick Centutary/Green ply of approved brand. For cup-board , ward robe , partition / panelling Etc. All complete as per architectural drawings and directions of engineer-in-charge	sqm.	46.42

Quoted Rates:for schedule item

- a- ō ō ō ō ō ō % above
- b- ō ō ō ō ō ō % below
- c- ō ō ō ō 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 :ō ō ō ō ō ō ō ō ō ō ō ō ō ō ō ō ..
- 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

SHORT URGENT TENDER NOTICE NO. Engg./ 01(Civil) /2019-20

Sl. No.	Name of the Work :-	Repair and painting work of Boys Hostel 01 (presently allotted TO Financial Adviser IGIMS) and repair and painting work of its east side boundary wall with barbed wire fencing work of existing new boundary wall at IGIMS, Patna
1	Estimated Cost (In Rs.) :-	Rs. 8,59,525/-
2	Earnest Money (In Rs.) :-	Rs. 17,500/-
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	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	574.00	11.26
2	Dismantling doors windows and clerestory windows (steel or wood) shutters including chowkhats, architrage, holdfasts etc. complete and stacking within 50 m lead.,			
a	of area 3 Sq.m. and below	Each	30.00	125.80
3	Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.	cum	86.18	238.60
4	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement :3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth.	sqm	574.00	417.60
5	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on	Sqm.	288.86	45.20

	old work			
6	Providing and fixing PTMT grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole.	each	5.00	49.90
7	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete.			
a	Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides.	sqm	110.00	833.80
8	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	63.28	541.20
9	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.	800.00	17.90
10	15 mm cement plaster on rough side of single or half brick wall of mix. 1:4 (1 cement: 4 coarse sand)	sqm	800.00	161.90
5	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give and even shade			
a	New work (one or more coats)	sqm	870.00	68.30
4	Applying one coat of cement primer of approved brand and manufacture on wall surface: cement primer	Sqm	870.00	31.00
14	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire	meter	1,060.00	12.50
15	Extra cost for carriage of Material			
a	local Sand	Cum	86.18	262.05
b	Sone Sand (45 km from Koelwar)	Cum	28.00	878.40
c	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	21.00	2,564.63
f	Difference of Cost of Cement	tonn	19.30	636.50

CIVIL NON SCHEDULE ITEM				
16	Providing and fixing 6mm 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	15.00	
17	Providing and fixing 19 mm 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	31.71	

Quoted Rates:for schedule item

- a- ò ò ò ò ò ò % above
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Signature of Contractor

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

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-03

SHORT URGENT TENDER NOTICE NO. Engg./ 01(Civil) /2019-20

Sl. No.	Name of the Work :-	Repair painting and fencing work (with concertina coil) on boundary wall of Dhanwantri Girls hostel and boundary wall of New boys hostel at IGIMS, Patna.
1	Estimated Cost (In Rs.) :-	Rs. 7,52,900/-
2	Earnest Money (In Rs.) :-	Rs. 15,100/-
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
1	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metres lead:	Cum	7.00	1,172.70
2	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 Sqm. and under including cutting the patch in prospering 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	Sqm	250.00	213.30
3	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work put plinth level			
a	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	Cum	7.50	4,902.30
4	Applying one coat of cement primer of approved brand and manufacture on wall surface: cement primer	Sqm	800.00	31.00
5	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give and even shade			
a	old work (one or more coats)	sqm	800.00	51.10

6	Half brick masonry with bricks of class designation 100A in foundations and plinth in :			
a	Cement mortar 1:4 (1 cement: 4 coarse sand)	sqm	65.00	596.80
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	169.65	77.40
b	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	kg	245.00	76.70
8	Centring and shuttering including strutting propping etc. and removal of form for.			
a	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	sqm	126.00	335.30
9	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	2,638.56	114.20
10	Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand)	Sqm.	65.00	139.90
11	15 mm cement plaster on rough side of single or half brick wall of mix1:4(1 cement: 4 coarse sand)	Sqm.	65.00	161.90
12	Providing and fixing concertina coil fencing with punched tape metre 289.50 concertina coil 600 mm dia 10 metre open able length (total length 90 m), having 50 nos rounds per 6 metre length, up to 3 m height of wall with existing angle iron shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5 mm thick) wire of high tensile strength of 165 kg/sq mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	meter	444.03	264.90
13	Extra cost for carriage of Material			
a	Sone Sand (45 km from Koelwar)	Cum	10.52	878.40
b	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	6.40	2,564.53
c	Bricks (7P+ 1K)	%o	3.67	767.08
d	Difference of Cost of Bricks	%o	3.67	1,470.46
e	Difference of Cost of Cement	tonn	5.54	636.50

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-04

SHORT URGENT TENDER NOTICE NO. Engg./ 01(Civil) /2019-20

Sl. No.	Name of the Work :-	Repair and painting work of inside area of 100 Rooms of Girls Hostel at IGIMS, Patna
1	Estimated Cost (In Rs.) :-	Rs. 6,13,700/-
2	Earnest Money (In Rs.) :-	Rs. 12,500/-
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
1	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 ing 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	Sqm	200.00	213.30
2	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete	Sqm	5900.00	8.10
3	Distemping with oil bound washa ble Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	Sqm	5900.00	27.20
4	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm	5900.00	31.70
5	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete	Sqm.	200.00	82.80
6	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm	968.58	45.20

7	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	30.00	47.50
8	Providing and fixing aluminium 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	30.00	195.50
9	Providing and fixing aluminium 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	30.00	105.20
b	150x10 mm	Each	30.00	67.80
10	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868)transparent or dyed to required colour and shade, with necessary screwsetc.			
a	Twin rubber stopper	each	30.00	40.40
11	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931	Each	18.00	401.40
12	Providing and fixing brass stop cock of approved quality,			
a	20 mm nominal bore	Each	12.00	303.00
13	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:			
a	Float glass panes of thickness 4 mm	sqm.	10.00	620.30
14	Providing and fixing brass curtain rods of wall thickness 1.25 mm with two brass brackets fixed with brass screws and wooden plugs etc. wherever necessary complete			
a	20 mm diameter.	metre	269.50	236.10
15	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.			
a	10 litre capacity - White	Each	8.00	860.40
16	Providing and fixing PTMT grating of approved quality and colour. Circular type125 mm nominal dia with 25 mm waste hole.	each	18.00	49.90
17	Providing and fixing PTMT soap Dish Holder having length of 138mm,breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms	each	12.00	122.10

18	Providing and fixing 600x450 mm beveled edge mirror of superior glass(of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	each	12.00	741.90
19	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 17.28.1 Semi rigid pipe 32 mm dia each	each	20.00	86.20
20	Providing and fixing uplasticised PVC connection pipe with brass ions :			
	45 cm length			
	15 mm nominal bore	each	15.00	76.10

Quoted Rates:for schedule item

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

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- 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-05

SHORT URGENT TENDER NOTICE NO. Engg./ 01(Civil) /2019-20

Sl. No.	Name of the Work :-	Establishment of New Pediatrics HDU in Old Bio Medical Work Shop situated at 1 floor of ward block at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 4,72,000/-		
2	Earnest Money (In Rs.) :-	Rs. 9,500/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 750/		
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	Unit	Qty.	Rate

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.	57.00	17.90
2	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 ing 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	Sqm.	20.00	213.30
3	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	72.00	8.10
4	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacture's specifications including appropriate priming coat, preparation of surface, etc. complete.			
a	On concrete work	Sqm.	72.00	106.10
5	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete	Sqm.	72.00	82.80

6	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 transparent 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 fasteners 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 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 For fixed portion and panelling to be paid for separately	kg	235	369.20
7	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-in-charge	sqm	40.00	1,198.89
8	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	4.25	1,017.30
9	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc.	Each	4.00	429.50
10	Providing and fixing aluminium 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: 300x 16 mm	Each	10.00	220.40
11	Providing and fixing aluminium 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	10.00	105.20
12	Providing and fixing aluminium handles anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc. complete 125 mm	Each	10.00	54.00
13	Supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete.	Each	10.00	91.70

14	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 approve			
a	1.0 mm thick	sqm	56.00	541.20
15	Providing and fixing bright finished brass handles with screws etc. complete:			
a	100mm	each	12.00	169.80
16	Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with	each	12.00	50.60
17	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS : 13983 with C.I. brackets and stainless steel plug 40 mm,including painting of fittings and brackets, cutting and making good the walls wherever required :			
a	470x420 mm bowl depth 178 mm	Each	1.00	2,024.40
18	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.			
a	20 mm nominal bore	metre	10.00	255.70
19	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation,refilling the earth or cutting of wall and making good the same complete wherever required :			
a	20 mm dia nominal bore.	each	2.00	332.40
20	Providing and fixing on wall face unplasticised-PVC(working pressure 4 kgf per sqm) rain water pipes conforming to IS :4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.			
a	75 mm diameter	rmt	10.00	147.40
21	Providing and fixing on wall face unplasticised -PVC molded fittings/accessories for unplasticised-PVC rain water pipes conforming to (S:4985 including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion.			
a	Band 87.5			
i	75x75x75 mm dia PVC	each	2.00	85.10
22	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms	each	1.00	149.50

23	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	each	1.00	216.90
24	Providing and fixing 600x450 mm beveled edge mirror of superior glass(of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	each	1.00	741.90
25	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 Motar 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	57.00	739.80
26	Providing and laying vitrified floor tiles in different sizes {thickness to be specified by the manufactruer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigments etc.complete.Size of Tile 600x600 mm.	sqm	84.00	1,520.90
27	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.	sqm	84.00	-429.30
28	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.	sqm	84.00	380.60
29	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm.	10.84	45.20
30	Extra cost for carriage of Material			
	Sone Sand (45 km from Koelwar)	Cum	3.30	878.40
	Difference of Cost of Cement	tonn	1.75	636.50
	CIVIL NON SHEDULE ITEM			
31	Providing and fixing 6mm 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	14.40	õ õ õ õ õ

32	Providing and fixing 12mm 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	6.00	õ õ õ õ õ
33	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	17.00	õ õ õ õ õ
34	Providing and fixing vertical blind with rolling track etc all completed	Sqft.	116.21	õ õ õ õ ..

Quoted Rates:for schedule item

- a- õ õ õ õ õ õ % above
- b- õ õ õ õ õ õ % below
- c- õ õ õ õ 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 :õ õ õ õ õ õ õ õ õ õ õ õ õ õ õ ..
- 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-06

SHORT URGENT TENDER NOTICE NO. Engg./ 01(Civil) /2019-20

Sl. No.	Name of the Work :-	Construction of shade for Car parking in between Guest house and M.S Bungalow at IGIMS, Patna.		
1	Estimated Cost (In Rs.) :-	Rs. 4,61,100/-		
2	Earnest Money (In Rs.) :-	Rs. 9,300/-		
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	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	2.16	319.60
2	Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.	cum	11.48	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	76.50	277.50
4	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	9.56	4,033.00
5	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,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)	cum	3.01	4,902.30
6	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	65.00	77.40
b	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	kg	193.00	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.	3,052.87	88.60
8	Providing and fixing pre-coated 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.	76.50	575.80
9	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work.	Sqm.	11.18	70.40
10	Extra cost for carriage of Material			
a	local Sand	Cum	12.00	262.05
b	Sone Sand (45 km from Koelwar)	Cum	6.00	878.40
c	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	12.00	2,564.63
d	Bricks (7P+ 1K)	%o	2.50	767.08
e	Difference of Cost of Bricks	%o	2.50	1,470.46
f	Difference of Cost of Cement	tonn	5.00	636.50

Quoted Rates:for schedule item

- a- 0 0 0 0 0 0 % above
- b- 0 0 0 0 0 0 % below
- c- 0 0 0 0 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 : 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 ..
- 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