

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-01

SHORT URGENT TENDER NOTICE NO. Engg./ 10 (Civil) /2019-20

Sl. No.	Name of the Work :-	Construction of Generic Medical Shop Under Scheme of PradhanMantri Jan AushadhiKendrya Near OPD at igims, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 7,90,000/-		
2	Earnest Money (In Rs.) :-	Rs. 15,800/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1250/-		
4	Time of completion :- (In Days)	45 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. All kinds of Soil	cum	12.10	319.60
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	6.05	103.30
3	Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.	cum	28.50	238.60
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	57.50	277.50
5	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	9.85	4,902.30
6	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work			

	uptoplinth level.			
a	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)		5.75	4,033.00
7	Brick work with bricks of class designation 100A in foundations and plinth in :			
a	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	28.88	4,799.20
8	Extra tor Brick work in superstructure above plinth level upto floor V level	cum	22.13	702.20
9	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	375.50	77.40
b	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	kg	250.00	76.70
c	Thermo-Mechanically Treated bars TMTC-500-12mm dia.	kg	520.00	75.20
10	Centring and shuttering including strutting,propping etc. and removal of form for.			
a	Lintels, beams, plinth bams, griders, bressumers and contilevers.	sqm	95.00	335.30
11	Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand)	Sqm.	90.00	139.90
12	15 mm cement plaster on rough side of single or half brick wall of mix1:4(1 cement: 4 coarse sand)	Sqm.	105.00	161.90
13	Distempering with oil bound washable Distemper of approved brand and manufacture to give an even shade .New work (two or more coats) over and including priming coat with cement primer	sqm	90.00	83.40
14	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.	195.00	82.80
15	Finishing walls with Acrylic Smooth exterior paint of required shade :			
a	New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm	105.00	89.40
16	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade:			
a	New steel work /New wood work(two or more coats)	sqm	60.20	74.50
17	Supplying and fixing-rolling shuters of approved make.made of required size of M.S.laths inter locked together through their intire length and jointed together at the end by end locks mounted on specially esigned pipe shaft with brackets, side guides and arragements for inside and outside locking with push and pull operation complete including the cost of prioviding and fixing necessary 27.5 cm long wire springs grade no. 2 and M.S. top cover of required thickness for rolling shutters.			
a	80x1.25mmM.S. Laths with 1.25mm thick top cover.	sqm	18.00	2,394.00
18	Providing and fixing Gl Clip in Metal Ceiling System of 600x600			

	mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring			
a	Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of GI sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending. sqm	Sqm.	35.00	1,357.90
19	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) 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	35.00	1,520.90
20	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.	808.00	88.60
21	Providing and fixing pre-coated galvanized 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.	51.00	575.80
22	Extra cost for carriage of Material			
a	Local Sand	Cum	31.00	262.05
b	Sone Sand (45 km from Koelwar)	Cum	19.00	878.40

c	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	13.85	2,564.53
d	Bricks (7P+ 1K)	%o	17.00	767.08
e	Difference of Cost of Bricks	%o	17.00	1,470.46
f	Difference of Cost of Cement	tonn	12.00	636.50

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.

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 :ò ò ò ò ò ò ò ò ò ò ò ò ò ò ò ..
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./ 10 (Civil) /2019-20

Sl. No.	Name of the Work :-	Repair and painting work of Faculty chamber, Obstetrics and Gynecology ward at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 5,39,130.00/-		
2	Earnest Money (In Rs.) :-	Rs. 10,800/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1250/-		
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	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metres lead.	cum	0.36	1172.70
2	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 meters lead. Of area 3 sqm. and below each 35.00	Each	4.00	48.80
3	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of melba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in-Charge.			
a	For door/ window/ clerestory window	sqm.	2.40	447.40
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	0.36	4033
5	Half brick masonry with bricks of class designation 100A in foundations and plinth in : cement mortar 1:4 (1 cement: 4 coarse sand)	sqm	2.00	596.80
6	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	100.00	213.3
7	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair i scratches tec. complete	Sqm	2048.00	8.10
8	Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	Sqm	2048.00	27.20
g	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm	2048.00	31.70
10	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.	512.00	82.80
11	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm	280.00	45.20
12	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	32.00	47.50
13	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	20.00	195.50
14	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	20.00	105.20
b	150x10 mm	Each	20.00	67.80
15	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	20.00	40.40
16	Supply and fixing IS : 3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screw etc. Complete.	Each	8.00	429.50
17	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931	Each	5.00	401.40
18	Providing and fixing brass stop cock of approved quality,			
a	20 mm mominal bore	Each	5.00	303.00
19	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:			
a	Float glass panes of thickness 4 mm	sqm.	36.00	620.30
20	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	4.00	860.40

21	Providing and fixing PTMT grating of approved quality and colour.Circular type125 mm nominal dia with 25 mm waste hole.	each	4.00	49.90
22	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	1.00	122.10
23	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
24	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	5.00	86.20
25	Providing and fixing unplasticised PVC connection pipe with brass ions :			
a	45 cm length			
	15 mm nominal bore	each	5.00	76.10
26	Providing and fixing wash basin with C.I. brakets, 15mm C.P. brass taps 32mm, C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the wall and floor wherever required.			
a	White Vitreous china wash basin minimum size 630 mm x 450 mm single 15mm CP brass pillar tap	Each	1.00	2,018.10
27	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :			
a	W.C. pan with ISI marked white solid plastic seat and lid	Each	1.00	3,310.00
28	Providing and fixing unplasticised -PVC pipe clip of approved design to unplasticised PVC rain water pipe by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing on cement mortar(1:4) 1 cement: 4corsa sand and making good the wall etc complete			
a	110 mm diameter	each	10.00	157.37
29	Providing and fixing on wall face unplastidsed-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	110 mm diameter	metre	30.00	238.30
30	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 10 mm gap for thermal expansion.			
a	Coupler			
ii	110mm	each	4.00	113.50

b	Band 87.5			
ii	110mm	each	2.00	124.70
31	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. Concealed work, including cutting chases and making good the.			
a	20 mm nominal outer dia Pipes	metre	10.00	255.70
b	25 mm nominal outer dia Pipes	metre	15.00	308.00
32	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 nominal bore	each	5.00	332.40
b	25 mm nominal bore	each	2.00	369.80
33	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :			
a	25 mm nominal bore	each	1.00	461.80
34	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of ist quality conforming to IS :15622 of approved make in colours such as white , Ivory , Grey , FumeRed , Brown, laid on 20 mm thick Cement motar 1:4 (1 cement: 4coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	sqm	3.15	671.00
35	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge	Mtr.	4.95	462.00
36	25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mm X 25 mm or less as per requirement with an average wall thickness of 1 mm (\pm 0.3 mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. An M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (\pm 0.1 mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25mm X 11 mm. Door shutter shall be reinforced with special polymeric	sqm.	1.58	2,263.20

	reinforcements as per manufacturer's specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places			
37	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	64.96	114.20
38	Providing sal wood work in frame of doors(choukhats) and fixed in position.	Cum	0.68	87,862.50
39	Providing and fixing flush door shutter of century board or greenply or kitply have non decorative type core of block board 32 mm thick including anodised aluminium butt highest with necessary screws aluminium handle, l-drope, twoer bold etc as per specification of E/S.	Sqm.	44.42	2,750.92
40	Providing and fixing vertical blind with rolling track etc all Completed	Sqft.	193.68	235.73
41	Unskilled Labour for repair false ceiling	Nos	10.00	252.00
42	Carriage of Material			
a	Sone Sand (45 km from Koelwar)	Cum	4.50	878.40
b	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	0.45	2,564.53
c	Bricks (7P+ 1K)	%o	0.11	767.08
d	Difference of Cost of Cement	tonn	1.65	636.50
e	Difference of Cost of Bricks	%o	0.11	1,470.46

Quoted Rates:for schedule item

- d- ō ō ō ō ō ō % above
- e- ō ō ō ō ō ō % below
- f- ō 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-03

SHORT URGENT TENDER NOTICE NO. Engg./ 10 (Civil) /2019-20

Sl. No.	Name of the Work :-	Repair renovation and painting work of M.S Bungalow at IGIMS, Patna
1	Estimated Cost (In Rs.) :-	Rs. 2,26,100.00/-
2	Earnest Money (In Rs.) :-	Rs. 4,600/-
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
	CIVIL SCHEDULE			
	DISMANTLING ITEM WORK			
1	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	5.00	125.80
	PAINTING AND FINISHING WORK			
2	Clearing jungle including uprooting of rank vegetation ,grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	sqm.	800.00	5.79
4	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	50.00	213.30
5	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	1,065.00	8.10
6	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	500.00	90.10

7	Distempering with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	565.00	27.20
8	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	565.00	31.70
9	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm.	275.00	45.20
10	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.	100.00	82.80
11	Providing sal wood work in frame of doors(choukhats) and fixed in position.	Cum	0.05	87,862.50
15	Providing and fixing flush door shutter of century board or greenply or kitply have non decorative typecore of block board 32 mm t hick including anodised aluminium butt highest with necessary screws aluminium handle, l-drope, twoer bold etc as per specification of E/S.	Sqm.	5.20	2,750.92
16	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :		2.00	401.40
17	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.	each	4.00	588.20
18	supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete.	Each	25.00	91.70
19	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
20	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	4.00	741.90
21	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	5.00	195.50
22	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	5.00	105.20
23	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. complete100mm	Each	5.00	54.00
24	Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termites' treatment(including the cost of chemical emulsion)			
a	Treatment at points of contactot wood work by chemical emulsion chlordane. (in oil or kerosene based solution)®	metre	100.00	231.50

	0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.			
25	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	sqm	50.00	336.20
26	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:			
a	Float glass panes of thickness 4 mm	sqm.	9.00	620.30
27	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets:			
a	20mm dia (heavy type)	Rmt.	35.00	129.40
28	Unskilled Labour for removing garbage and jungle	Nos	10.00	206.00
29	any other category of skilled worker not mention	Nos	10.00	262.00
CIVIL NON SHEDULE ITEM				
30	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	6.00	ō ō ō ō ō ō
31	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	9.00	ō ō ō ō ō ō ..

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-04

SHORT URGENT TENDER NOTICE NO. Engg./ 10 (Civil) /2019-20

Sl. No.	Name of the Work :-	Repair and painting work in Quarter No. D2/2 and New MNH Quarter No, 21,25 with miscellaneous work in Quarter No D-6/1& D-6/3 at IGIMs Patna		
1	Estimated Cost (In Rs.) :-	Rs. 1,61,700.00/-		
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	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	213.3
2	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.	140.00	417.60
3	Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.	cum	15.00	238.60
4	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete	Sqm	350.00	8.10
5	Distemping with oil bound washa ble Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	Sqm	350.00	27.20
6	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm	350.00	31.70

7	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.	70.00	82.80
8	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm	100.00	45.20
9	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	10.00	47.50
10	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	0.72	2,959.00
11	Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termites' treatment(including the cost of chemical emulsion)			
a	Treatment at points of contact of wood work by chemical emulsion chlordane. (in oil or kerosene based solution)@ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	metre	30.00	231.50
12	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	10.00	195.50
13	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
14	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.			
	Twin rubber stopper	each	10	40.40
15	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931	Each	10.00	401.40
16	Providing and fixing brass stop cock of approved quality,			
a	20 mm nominal bore	Each	5.00	303.00
17	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:			
a	Float glass panes of thickness 4 mm	sqm.	12.00	620.30
18	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	3.00	860.40
19	Providing and fixing PTMT grating of approved quality and colour.Circular type125 mm nominal dia with 25 mm waste hole.	each	5.00	49.90
20	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	5.00	86.20
21	Providing and fixing uplasticised PVC connection pipe with brass ions :			
a	45 cm length			
b	15 mm nominal bore	each	5.00	76.10
22	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all completed			
a	With second class teak wood beading 62x19 mm	sqm	7.45	859.80
23	Extra cost for carriage of Material			
a	Local Sand	Cum	15.00	262.05
b	Sone Sand (45 km from Koelwar)	Cum	2.92	878.40
c	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	5.04	2,564.53
d	Difference of Cost of Cement	tonn	3.50	636.50
e	Brick Bats	Cum	10.50	373.80

Quoted Rates:for schedule item

- a- ō ō ō ō ō ō ō % above
b- ō 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-05

SHORT URGENT TENDER NOTICE NO. Engg./ 10 (Civil) /2019-20

Sl. No.	Name of the Work :-	Miscellaneous civil Repair Maintenance and Alteration work in Different Department in Hospital Building at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 4,24,400.00/-		
2	Earnest Money (In Rs.) :-	Rs. 8,500/-		
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	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in-Charge.			
a	For door/ window/ clerestory window	sqm	3.60	447.40
2	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.	415.00	369.20
3	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	62.00	1,198.89
4	Providing and fixing glazing in aluminium 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	18.00	1,017.30
5	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	75mm diameter	rmt	60.00	147.40
6	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 10 mm gap for thermal expansion.			
a	Single tee without door			
i	75 x75 x75 mm dia PVC	each	10.00	115.40
b	Band 87.5			
i	75 mm dia PVC	each	10.00	85.10
7	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. Concealed work, including cutting chases and making good the.			
a	20 mm nominal outer dia Pipes	metre	95.19	255.70
b	25 mm nominal outer dia Pipes	metre	40.00	308.00
8	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.	each	10.00	588.20
9	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws,includingexcavation,refilling the earth or cutting of wall and making good the same complete wherever equired :			
a	20 mm nominal bore	each	10.00	332.40
b	25 mm nominal bore	each	10.00	369.80
10	Providing and fixing ball valve (brass) of approved quality,High or low pressure, with plastic floats complete :			
b	25 mm nominal bore	each	4.00	364.10
11	Providing and fixing PTMT grating of approved quality and colour.Circular type 125 mm nominal dia with 25 mm waste hole.	each	10.00	49.90
12	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	10.00	122.10
13	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	10.00	216.90
14	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	each	10.00	741.90

	screws and washers complete			
15	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	12.00	195.50
16	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	12.00	105.20
b	150x10 mm	Each	12.00	67.80
17	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. complete:100mm	Each	12.00	47.50
18	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :			
a	Size 600x450x200 mm	each	5.00	3,314.40
19	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass taps 32mm, C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the wall and floor wherever required.			
a	White Vitreous china wash basin minimum size 630 mm x 400 mm single 15mm CP brass pillar tap	Each	5.00	2,018.10
20	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repairs scratches etc. Complete	Sqm	253.00	8.10
21	Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	Sqm	253.00	27.20
22	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm	253.00	31.70
23	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.	20.00	82.80
24	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm	125.00	45.20
25	Supply and fixing IS : 3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screw etc. Complete.	Each	8.00	429.50
26	Providing and fixing flush door shutter of century board or greenply or kitply have non decorative type:core of block board 32 mm thick including anodised aluminium butt highest with necessary screws aluminium handle, I-drope, twoer bold etc as per specification of E/S.	Sqm.	2.88	2,750.92
27	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	10.50	2,959.00
28	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	10.00	541.20

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 ō at estimated cost.

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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-06

SHORT URGENT TENDER NOTICE NO. Engg./ 10 (Civil) /2019-20

Sl. No.	Name of the Work :-	Aluminium Partition work For Recovery Room in IVF deppt. And Renovation of OPD Room no. 52 (immunization Clinic) At 1st. Floor of OPD building at igims Patna -14		
1	Estimated Cost (In Rs.) :-	Rs. 2,13,300.00/-		
2	Earnest Money (In Rs.) :-	Rs 4,500/-		
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	<i>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, hades 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 sqmincluding pointing in white cement mixed with pigment of matching shade complete.</i>	<i>Sqm.</i>	21.60	739.80
2	<i>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.</i>	<i>sqm</i>	18.00	1,520.90

3	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.	sqm	18.00	-429.30
4	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	18.00	380.60
5	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.	238.00	369.20
6	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	40.50	1,198.89
7	Providing and fixing glazing in aluminium 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 aluminium snap beading shall be paid in basic item.)			
a	Float glass panes. 5.5 mm thick glass pane.	sqm	6.30	1,017.30
8	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	6.00	47.50
9	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	6.00	195.50
10	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	6.00	105.20
b	150x10 mm	Each	6.00	67.80
11	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	6.00	40.40
12	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	75mm diameter	rmt	5.59	147.40
13	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 10 mm gap for thermal expansion.			
a	Single tee without door			
i	75 x75 x75 mm dia PVC	each	2.00	115.40
b	Band 87.5			
i	75 mm dia PVC	each	2.00	85.10
14	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. Concealed work, including cutting chases and making good the.			
a	20 mm nominal outer dia Pipes	metre	6.00	255.70
15	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.	each	1.00	588.20
16	Providing and fixing PTMT grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole.	each	1.00	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	1.00	122.10
18	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	each	1.00	216.90

	gms.			
19	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
20	Providing and fixing wash basin with C.I. brakets, 15mm C.P. brass taps 32mm, C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the wall and floor wherever required.			
a	White Vitreous china wash basin minimum size 630 mm x 400 mm single 15mm CP brass pillar tap	Each	1.00	2,018.10
21	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete	Sqm	86.40	8.10
22	Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	Sqm	86.40	27.20
23	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm	86.40	31.70
25	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm	113.04	45.20
26	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	2.25	2,959.00
27	Carriage of the following material			
a	<i>Sone Sand (45 km from Koelwar)</i>	<i>Cum</i>	1.00	878.40
b	<i>Difference of Cost of Cement</i>	<i>tonn</i>	0.50	636.50

Quoted Rates:for schedule item

- a- ō ō ō ō ō ō % above
- b- ō ō ō ō ō ō % below
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Signature of Contractor

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