

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-01

SHORT URGENT TENDER NOTICE NO.- Engg. /12/ CW/Tender/2020-21

Sl. No.	Name of the Work :-	Repair, Renovation and Painting and work of Urology Dept. at 2nd. floor in Polyclinic Building, at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 12,99,000/-		
2	Earnest Money (In Rs.) :-	Rs. 26,000/-		
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	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.	27.00	20.30
2	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	each	3.00	372.10
3	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 meters lead.			
a	Of area beyond 3 sqm	each	40.00	73.10
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	100.00	225.60
5	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	1,676.65	9.10
6	Distempering with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	1,676.65	31.60
7	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	1,676.65	36.80
8	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	77.70

9	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 , Fume Red , Brown , laid on 20 mm thick Cement motar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	Sqm.	35.02	712.20
10	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	67.28	1,731.40
11	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles	sqm	67.28	- 459.40
12	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3 mm thickness	sqm	67.28	424.20
13	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).			
a	Sal wood	Cum	0.30	94,881.90
14	Providing and fixing flush door shulter of centuary 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.	11.52	2,750.92
15	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	90.00	2,959.00
16	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.			
a	Upto 5mm depth and 5 mm width	mtr.	80.00	79.50
17	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:			
a	Float glass panes.5.5 mm thick glass pane.	sqm	10.00	1,505.60
18	Supply and fixing IS : 3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screw etc. Complete.	Each	10.00	958.80
19	Supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete.	Each	10.00	105.30

20	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	10.00	208.30
21	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	10.00	111.00
b	150x10 mm	Each	10.00	71.20
22	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	10.00	56.80
23	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 fastners including necessary filling up of gaps at junctions, at top,bottom and sides with required PVC/neoprene felt etc.Aluminium sections shall be smooth, rust free straight, mitred and jointed mechanically wherever required including cleat angle,Aluminium snap beading tor glazing/paneling, C.P. brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (GlazingFor fixed portion and panelling to be paid for separately	kg	297.94	382.40
24	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 perarchitectural drawings and directions oa engineer-incharge	sqm	51.75	1,198.89
25	Extra for Providing and fixing flush doors with decorative veneering instead of non decorative ISI marked flush door shutters conforming to I.S. 2202 (part I).			
a	On one side only sqm	sqm	20.00	441.50
26	Providing and fixing PTMT grating of approved quality and colour.Circular type125 mm nominal dia with 25 mm waste hole.	each	10.00	51.30
27	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	130.50
28	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	5.00	978.90
29	Providing and fixing PTMT pillar cock of approved quality andcolour .20 mm nominal bore, 89 mm long, weighing not less than 88 gms	each	10.00	151.30

30	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	each	10.00	618.80
31	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.15 mm nominal bore	each	10.00	606.30
32	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	4.00	5,001.90
33	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	4.00	2,230.60
34	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	110 mm diameter	rmt	30.00	252.60
b	75 mm diameter	rmt	20.00	158.60
35	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 with door			
i	110 x110 x110 mm dia PVC	each	5.00	191.20
ii	75x75x75 mm dia PVC	each	5.00	139.80
b	Single tee without door			
	110 x110 x110 mm dia PVC	each	5.00	188.60
c	Band 87.5			
i	110 mm dia PVC	each	5.00	129.80
ii	75 mm dia PVC	each	5.00	89.90
a	Coupler			
i	110 mm	each	6.00	117.80
36	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.			
b	25 mm nominal outer dia Pipes	m	50.00	420.00

c	20 mm	m	60.00	336.10
37	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)			
a	20 mm dia nominal bore.	Each	6.00	170.80
b	25 mm nominal bore	Each	4.00	249.70
38	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :			
a	25 mm dia nominal bore.	Each	1.00	497.20
39	Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc.all completeFixed to steel windows by welding	kg	843.91	116.90
40	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	each	4.00	897.30
41	Providing and fixing factory made P.V.C. door frame of size 50x47 mmwith a wall thickness of 5 mm,made out of extruded 5 mm rigid PVCfoam sheet, mitred at corners and joined with 2 Nos. of 150 mm longbrackets 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 theframe. 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.	20.00	366.10
42	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x19 mm for styles and 15x15 mm for top & bottom rails. M.S.frame shall have a coat of steel primers of approved make and manufacture . M.S. frame covered with 5 mm thick heat moulded PVC channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick,95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the channel using PVC solvent adhesive etc. complete as per direction of Engineer-incharge, manufacturer's specification &			
a	30 mm thick plain PVC door	sqm.	6.30	2,280.60

43	French spirit polishing:			
a	One or more coats on old work.	sqm	144.00	104.00
44	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets:			
a	25 mm dia (heavy type)	metre	68.40	162.40
45	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm.	551.29	51.50
46	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 colors, 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 Mortar 1:3(1 cement: 3coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqmincluding pointing in white cement mixed with pigment of matching shade complete.	sqm.	27.42	797.50
47	Extra cost for carrage			
a	Sone Sand (45 km from Koelwar)	Cum	3.50	877.70
b	Difference of Cost of Cement	tonn	1.50	236.95
	CIVIL NON SHEDULE ITEM	Unit	Qty.	Rate quoted by bidder
48	Providing and fixing on wall face unplastidsed-PVC rain water pipes .leaving 10 mm gap for thermal expansion.			
a	150 mm diameter	mt.	58.00	0 0 0 0 0 0
49	Providing and fixing on wall face unplasticised -PVC molded fittings/accessories for unplasticised-PVC rain water pipes. leaving 10 mm gap for thermal expansion.			
a	Band 87.5			
(i)	150 mm dia PVC	each	6.00	0 0 0 0 0 0 .
50	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	150 mm	each	22.00	0 0 0 0 0 0 .
	ELECTRICAL SHEDULE ITEM			
51	Supplyingand fixing metal/pvc boxof 150mm X 75mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connections, painting etc. as required.	Each	6.00	286.00
52	Supplying and fixing following piano switch/ socket on the existing switch box/cover including connections etc. as required			

a)	5/6 Amps switch	Each	50.00	39.00
b)	15/16 Amps switch	Each	20.00	90.00
c)	3 pin 5/6 Ampsr socket outlet	Each	50.00	52.00
d)	6 pin 15/16 Ampsr socket outlet	Each	20.00	91.00
53	Supplying and fixing metal/ PVC box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required.			
a)	75 mm x 75 mm x50 mm deep	Each	10.00	93.00
b)	100 mm x 100 mm x60 mm deep	Each	15.00	140.00
c)	150 mm x 75 mm x60 mm deep	Each	21.00	116.00
d)	150 mm x 150 mm x60 mm deep	Each	24.00	166.00
e)	180 mm x 100 mm x80 mm deep	Each	20.00	132.00
	Non Schedule Electrical work	Unit	Qty.	Rate quoted by bidder
54	Supply of Split type 1.5TR, 240Volts Air Conditioner(Make- Voltas/Hitachi/LLOYD/O-General/Daikin or equivalent make)	Each	1.00	₹ 0 0 0 0 0 0 0 ..
55	Supply and Installation of 4 KVA Voltage Stabiliser input voltage 160-270Volts, Output 220 volts with time delay	Each	1.00	₹ 0 0 0 0 0 0 0 0
56	Installation charge for Split Air Condition	Each	1.00	₹ 0 0 0 0 0 0 0 0

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

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-02

SHORT URGENT TENDER NOTICE NO.- Engg. /12/ CW/Tender/2020-21

Sl. No.	Name of the Work :-	Replacement of False Ceiling , Painting and flooring of Main OPD Registrations Counter, Kota flooring work in Kitchen Corridor and making Toilet in Central Store at IGIMS, Patna
1	Estimated Cost (In Rs.) :-	Rs. 7,17,500/-
2	Earnest Money (In Rs.) :-	Rs. 14,500/-
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	Unit	Qty.	Rate
	CIVIL SCHEDULE			
	PAINTING AND FINISHING WORK			
1	Dismantling aluminium/Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 m lead as directed by Engineer-in-charge.	sqm	100.80	22.20
2	Providing and fixing GI 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 T with :			
a	GI 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	100.80	1519.6
3	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	225.60
4	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	176.40	9.10
5	Distempering with oil bound washa ble Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	176.40	31.60
6	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	176.40	36.80
7	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm.	50.00	51.50
8	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.	25.00	77.70
9	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	39.40	1,731.40
10	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.	sqm	39.40	-459.40
11	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	39.40	424.20
12	Providing and fixing glazing in aluminium door, window,			

	ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):			
a	With float glass panes of 8 mm thickness	sqm	10.80	1,276.20
13	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 . Base with 1:1:1 (1lime : 1 surkhi: 1 coarse sand) / 1:4 (1 cement: 4 coarse sand)			
a	20 to 25 mm thick	sqm	315.20	1,153.80
14	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 fastners including necessary filling up of gaps at junctions, at top,bottom and sides with required PVC/neoprene felt etc.Aluminium sections shall be smooth, rust fre straight, mitred and jointed mechanically wherever required including cleat angle,Aluminium snap beading tor glazing/panelling, C.P. brass/stainless steel screws, all complete as per architecttural drawings and the directions of Engineer-in-charge. (GlazingFor fixed portion and panelling to be paid for separately	kg	76.85	382.40
15	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 perarchiectural drawings and directions oa engineer-incharge	sqm	11.00	1,198.89
16	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 , Fume Red , Brown , laid on 20 mm thick Cement motar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	Sqm.	6.60	712.20
17	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	0.83	3,832.50
	PHED WORK			

18	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 450 mm single 15mm CP brass pillar tap	Each	1.00	2,230.60
19	Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low fixtures complete, including cutting and making good the walls and level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and floors wherever required			
a	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	1.00	4,251.10
20	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931	Each	2.00	419.00
21	Providing and fixing brass stop cock of approved quality,			
a	20 mm nominal bore	Each	2.00	326.40
22	Providing and fixing PTMT grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole.	each	2.00	51.30
23	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	130.50
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	978.90
25	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	1.00	87.70
26	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	110 mm diameter	metre	25.00	252.60
b	75 mm diameter	metre	5.00	158.60
27	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.			
c	Band 87.5			

i	110mm	each	3.00	129.80
ii	75 mm bend each	each	2.00	89.90
28	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	13.00	336.10
b	25 mm nominal outer dia Pipes	metre	15.00	420.00
29	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	4.00	371.50
b	25 mm nominal bore	each	4.00	450.50
30	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :			
a	25 mm nominal bore	each	2.00	497.20
31	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :			
a	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	each	1.00	3,622.40
32	Extra cost for carriage of Material			
a	Sone Sand (45 km from Koelwar)	Cum	8.90	877.70
b	Difference of Cost of Cement	tonn	5.50	236.95

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 :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