

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14**

**BILL OF QUANTITY-01**

**SHORT URGENT TENDER NOTICE NO.- Engg. /16/ CW/Tender/2020-21**

<b>Sl. No.</b>	<b>Name of the Work :-</b>	<b>Construction of waiting area and 20 no. wooden seating Bench for PMR work shop building at IGIMS, Patna</b>		
<b>1</b>	<b>Estimated Cost (In Rs.) :-</b>	<b>Rs. 14,63,000/-</b>		
<b>2</b>	<b>Earnest Money (In Rs.) :-</b>	<b>Rs. 29,500/-</b>		
<b>3</b>	<b>Cost of B.O.Q. (In Rs.) :-</b>	<b>Rs. 2,500/-</b>		
<b>4</b>	<b>Time of completion :- ( In Days)</b>	<b>30 Days</b>		
<b>5</b>	<b>Date, time &amp; place for submission of Complete tender-</b>	<b>As Per NIT</b>		
<b>6</b>	<b>Date and time for opening of tender-(Technical Bid)-</b>	<b>As Per NIT</b>		
<b>7</b>	<b>Date &amp; Time for opening of Price Bid of Technically Suitable bidders.</b>	<b>As Per NIT</b>		
<b>Sl. No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate</b>
<b>1</b>	<b>Dismantling steel work in built up sections without dismembering and stacking within 50 metres lead</b>	<b>kg</b>	<b>1,820.16</b>	<b>1.50</b>
<b>2</b>	<b>Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material withing 50 metres lead:</b>	<b>Cum</b>	<b>3.97</b>	<b>1,324.40</b>
<b>3</b>	<b>Demolishing brick work including stacking of serviceable material and disposal of nserviceable material within 50 meters lead:</b>			
<b>a</b>	<b>In cement mortar</b>	<b>cum</b>	<b>3.60</b>	<b>773.50</b>
<b>4</b>	<b>Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete</b>	<b>Cum</b>	<b>8.01</b>	<b>281.40</b>
<b>5</b>	<b>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,</b>	<b>sqm</b>	<b>105.30</b>	<b>285.20</b>
<b>6</b>	<b>Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.</b>			
<b>a</b>	<b>1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)</b>	<b>cum</b>	<b>8.01</b>	<b>3,832.50</b>
<b>7</b>	<b>Reinforced cement concrete work in wall (any thickness), including attached plasters, uttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts</b>			

	and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement			
a	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	Cum	6.85	5,555.20
8	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	282.08	70.60
b	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	kg	246.46	69.20
9	Centring and shuttering including strutting, propping etc. and removal of form for.			
a	Lintels, beams, plinth bams, griders, bressumers and contilevers.	sqm	30.00	362.90
10	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand ).	Cum	21.95	5,048.20
11	15 mm cement plaster on rough side of single or half brick wall of mix 1:4(1 cement: 4 coarse sand )	Sqm.	115.00	168.50
12	Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand)	Sqm.	145.00	146.00
13	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			
a	Tile 600x600 mm.	sqm	109.56	1,731.40
14	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	594.00	116.90
15	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	11.35	712.20
16	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	42.15	797.50

17	Providing and fixing flush door shutter of century board or greenply or kitply have non decorative typecore 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.	5.04	2,750.92
18	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 lugsdash fastener shall be paid for separately) Sal wood	cum	0.08	94,881.90
19	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	366.10
20	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 x 19 mm for styles and 15x15 mm for top & bottom rails. .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 'C' 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 elded/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 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-incharge, manufacturer's specification &			
a	30 mm thick plain PVC door	sqm.	1.57	2,280.60
21	Providing and fixing factory made uPVC white colour			

	sliding glazed window upto 1.50 m in height dimension comprising of uPVC multichambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealent shall be paid separately) Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of			
a	Two track two panels sliding window made of (small series) frame 52 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 1.75 SQM.)	Sqm.	28.62	6,599.90
22	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.	15.00	79.50
23	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	23.80	1,110.20
24	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 125mm	Each	4.00	56.80
25	Supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete.	Each	4.00	105.30
26	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	4.00	111.00
b	150x10mm	each	4.00	71.20
27	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	4.00	233.70
28	Cutting holes up to 30x30 cm in walls including making good the same:			
a	With common burnt clay F.P.S. (non modular) bricks	each	4.00	193.70
29	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.			
b	25 mm nominal outer dia	metre	10.00	265.30
c	20 mm nominal outer dia	metre	15.00	197.40
30	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	4.00	170.80
b	25 mm nominal bore	Each	3.00	249.70
31	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
32	Providing and fixing PTMT grating of approved quality and colour.Circular type125 mm nominal dia with 25 mm waste hole.	each	2.00	51.30
33	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	7.00	158.60
b	110 mm diameter	rmt	40.00	252.60
34	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	each	16.00	174.06
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	2.00	191.20
b	Single tee without door			
i	110 x110 x110 mm dia PVC	each	2.00	188.60
c	Band 87.5			
i	75 mm bend	each	2.00	89.90
ii	110 mm dia PVC	each	6.00	129.80
36	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Semi rigid pipe			
a	32 mm dia	each	2.00	87.70
37	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 White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	1.00	4,251.10
38	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	1.00	2,230.60
39	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	130.00	97.20
40	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	130.00	123.70
41	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.	260.00	77.70
42	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade:New steel work (two or more coats)	Sqm.	40.50	80.30
43	Constructing brick masonry road gully chamber 45x45x77.5 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand ) with precast R.C.C.vertical grating complete as per standard design :			

a	with common burnt clay fps (non modular)brocks of class designation 7.5	Each	2.00	4,128.60
44	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :			
a	250 mm dia. R.C.C. pipe metre	Rmt.	18.00	639.30
45	Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coar of approved steel primer, welded and bolted including special shaped washers etc. complete: Hot finished welded type tubes kg	kg	2,125.00	117.70
46	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm.	133.00	586.10
47	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15- 18 microns using self drilling/ self tapping screws complete :			
a	Gutter (600 mm over all girth)	mtr.	18.00	855.30
48	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	27.00	634.60
49	Extra cost for carriage of Material			
a	Local Sand	Cum	9.00	260.70
b	Sone Sand (45 km from Koelwar)	Cum	13.00	877.70
c	Stone Aggregate ,Gaya manpur	Cum	19.68	1,865.91
d	Bricks (7P+ 1K)	%o	12.97	682.47

e	Difference of Cost of Bricks	%o	12.97	1,463.49
f	Difference of Cost of Cement	tonn	7.25	236.95
<b>(A) Total Amount :-</b>				
CIVIL NON-SCHEDULE				
50	Providing and fixing 19mm thick Centutuary/Green ply of approved brand. For cup-board , ward robe , partition / panelling Etc. All complete as per archieectural drawings and directions of engineer-incharge	sqm.	27.00	

**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. /16/ CW/Tender/2020-21**

<b>Sl. No.</b>	<b>Name of the Work :-</b>	<b>Repair Renovation Painting Work Of E-3/2,E-1/4 and D-3/5 Quarter at IGIMS, Patna</b>		
<b>1</b>	<b>Estimated Cost (In Rs.) :-</b>	<b>Rs. 7,48,100/-</b>		
<b>2</b>	<b>Earnest Money (In Rs.) :-</b>	<b>Rs. 15,000/-</b>		
<b>3</b>	<b>Cost of B.O.Q. (In Rs.) :-</b>	<b>Rs. 1250/-/-</b>		
<b>4</b>	<b>Time of completion :- ( In Days)</b>	<b>30 Days</b>		
<b>5</b>	<b>Date, time &amp; place for submission of Complete tender-</b>	<b>As Per NIT</b>		
<b>6</b>	<b>Date and time for opening of tender-(Technical Bid)-</b>	<b>As Per NIT</b>		
<b>7</b>	<b>Date &amp; Time for opening of Price Bid of Technically Suitable bidders.</b>	<b>As Per NIT</b>		
<b>Sl. No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate</b>
<b>1</b>	<b>Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material withing 50 metres lead:</b>	<b>Cum</b>	<b>0.52</b>	<b>1,324.40</b>
<b>2</b>	<b>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.</b>			
<b>a</b>	<b>With cement mortar 1:4</b>	<b>Sqm</b>	<b>153.04</b>	<b>225.60</b>
<b>3</b>	<b>Reinforced cement concrete work in wall (any thickness), including attached plasters, uttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishin and reinforcement</b>			
<b>a</b>	<b>1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)</b>	<b>Cum</b>	<b>0.52</b>	<b>5,555.20</b>
<b>4</b>	<b>Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.</b>			
<b>a</b>	<b>Thermo-Mechanically Treated bars TMTC-500-8mm dia</b>	<b>kg</b>	<b>50.00</b>	<b>70.60</b>
<b>5</b>	<b>Centring and shuttering including strutting,propping etc. and removal of form for.</b>			
<b>a</b>	<b>Lintels, beams, plinth bams, griders, bressumers and contilevers.</b>	<b>sqm</b>	<b>5.20</b>	<b>362.90</b>

6	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	1,530.37	9.10
7	Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	1,530.37	31.60
8	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	1,530.37	36.80
9	Providing and applying white cement based putty of erage thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete	Sqm.	153.04	77.70
10	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm.	801.67	51.50
11	Supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete.	Each	10.00	105.30
12	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
13	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
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. complete:100mm	Each	10.00	56.80
15	Providing and fixing bright finished brass handles with screws etc. complete:			
a	100mm	each	16.00	186.70
16	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.	23.20	170.40
17	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	16.00	211.70
18	Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with	each	16.00	56.20
19	Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter by with stainless steel rollers to	each	16.00	14.80

	run inside C or E aluminium channel section (The payment of C or E channel shall be made separately)			
20	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	143.34	634.60
21	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	Kitchen sink with drain board.510x1040 mm bowl depth 250 mm	each	1.00	4,476.70
22	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Semi rigid pipe 32 mm dia	Each	2.00	87.70
23	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations, of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1cement : 4coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.granite			
a	Area of slab over 0.50 sqm	sqm	5.20	4,028.50
24	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	16.16	797.50
25	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	7.10	712.20
26	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard	Each	1.00	2,538.80

	pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap			
27	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	each	1.00	419.00
28	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.	each	2.00	606.30
29	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
30	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.			
b	25 mm nominal outer dia	metre	10.00	265.30
c	20 mm nominal outer dia	metre	15.00	197.40
31	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	1,052.55	123.70
32	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm.	159.48	51.50
33	Extra cost for carriage of Material			
a	Sone Sand (45 km from Koelwar)	Cum	3.75	877.70
b	Stone Aggregate ,Gaya manpur	Cum	0.44	1,865.91
c	Difference of Cost of Cement	tonn	1.38	236.95
				(A) Total Amount :-
	<b>CIVIL NON SHEDULE ITEM</b>			
34	Providing and fixing 12mm thick Centutary/Green ply of approved brand. For cup-board , ward robe , partition / panelling Etc. All complete as per archiectural drawings and directions of engineer-incharge	sqm	32.14	.....
35	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	73.68	.....

**Quoted Rates:for schedule item**

a-      0 0 0 0 0 0 % above

b-      0 0 0 0 0 0 % 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 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