

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

**BILL OF QUANTITY-01**

**SHORT URGENT TENDER NOTICE NO.- Engg./03/ CW/Tender/2020-21**

<b>Sl. No.</b>	<b>Name of the Work :-</b>	<b>Waterproofing work regarding E- type Quarter at IGIMS, Patna</b>		
<b>1</b>	<b>Estimated Cost (In Rs.) :-</b>	<b>Rs. 11,23,000/-</b>		
<b>2</b>	<b>Earnest Money (In Rs.) :-</b>	<b>Rs. 22,500/-</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>CIVIL SCHEDULE</b>					
<b>1</b>	<b>14.1</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>a</b>	<b>14.1.2</b>	With cement mortar 1:4	<b>Sqm</b>	<b>100.00</b>	<b>213.30</b>
<b>2</b>	<b>22.5</b>	Providing and laying in sssitu five course water proofing treatment with glass fibre tissue reinforced bitumen over roof consisting of first coat of bitumen primer @ 0.40 kg. per sqm, 2nd & 4th courses of bonding material@ 1.60 kg. per sqm which shall consist of blown type bitumen of grade 85/25 conforming to IS: 702, third layer of glass fibre tissue course as specified, fifth, the top most layer of stone grit 6 mm and down size or pea-sized gravel sprad @ 6 dmJ per sqm including preparation of surface excluding grading for slope etc. complete.	<b>sqm</b>	<b>2,866.00</b>	<b>383.20</b>
<b>3</b>		<b>Carrage of the following material</b>			
<b>a</b>		Sone Sand (45 km from Koelwar)	<b>Cum</b>	<b>2.40</b>	<b>878.40</b>
<b>b</b>		Difference of Cost of Cement	<b>tonn</b>	<b>0.85</b>	<b>636.50</b>

**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./03/ CW/Tender/2020-21**

<b>Sl. No.</b>	<b>Name of the Work :-</b>	<b>Development of parking space In front of PMR building, laundry and near Dhanvantri Girls hostel at IGIMS, Patna</b>		
<b>1</b>	<b>Estimated Cost (In Rs.) :-</b>	<b>Rs. 9,51,200/-</b>		
<b>2</b>	<b>Earnest Money (In Rs.) :-</b>	<b>Rs. 19,100/-</b>		
<b>3</b>	<b>Cost of B.O.Q. (In Rs.) :-</b>	<b>Rs. 1,250/-</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>

1	2.32	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.	954.00	5.79
2	23.21	Excavation in dumped stones or malba including stacking of serviveable and unserviceable material separately and disposal of unserviceable material lead upto 50 m and lift upto 1.5 m disposed material to be neatly dressed.	cum	170.41	243.00
3	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete	cum	211.00	238.60

4	11.79	Providing and laying factory made chamfered edge Cement Concrete paver blocks of required strength,thickness & size/shape, made by table vibratory method , to attain superior smooth finish using PU or equivalent moulds, laid in required Grey colour & pattern over 50mm thick compacted bed of coarse sand,compacting and proper embedding / laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, parks,lawns, drive ways or light traffic parking etc. all complete as per manufacturer's			
a	11.79.1	(a) 80 mm thick c.c. paver block of M-35 grade with approved colour design and pattern.	sqm	954.00	812.70
5	16.69.1	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).Kerb-Stone Block- M25 Grade (Size:375mm x 300mm x150mm )	cum	4.50	5,180.80
6		<b>Carriage of Material</b>			
a		Local Sand	Cum	211.00	262.05
b		Sone Sand (45 km from Koelwar)	Cum	47.70	878.40

**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 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-03**

**SHORT URGENT TENDER NOTICE NO.- Engg./03/ CW/Tender/2020-21**

<b>Sl. No.</b>	<b>Name of the Work :-</b>	<b>Miscellaneous civil work in Emergency OT and its external area development work at IGIMS, Patna</b>		
<b>1</b>	<b>Estimated Cost (In Rs.) :-</b>	<b>Rs. 5,80,200/-</b>		
<b>2</b>	<b>Earnest Money (In Rs.) :-</b>	<b>Rs. 11,700/-</b>		
<b>3</b>	<b>Cost of B.O.Q. (In Rs.) :-</b>	<b>Rs. 1,250/-</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>Schedule Item</b>			
1	23.21	Excavation in dumped stones or malba including stacking of serviveable and unserviceable material separately and disposal of unserviceable material lead upto 50 m and lift upto 1.5 m disposed material to be neatly dressed.	cum	51.26	243.00
2	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete	Cum	15.38	238.60
3	11.72	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.	102.51	277.50
4	4.1	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.			
a	4.1.4	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	13.93	4,033.00
5	6.1.12/1	Brick work with bricks of class designation 100A in foundations and	Cum	2.10	5,037.20

		plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand ).			
6	13.11.2	Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand)	Sqm.	33.60	139.90
	-	<b><u>PAINTING AND FINISHING WORK</u></b>	-	-	-
7	14.1	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	14.1.2	With cement mortar 1:4	Sqm	81.86	213.30
8	13.80.	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	816.63	8.10
9	13.77.3	Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	482.92	27.20
10	13.78.2	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	482.92	31.70
11	13.93.2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm.	312.38	45.20
12	13.80.A.1	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.	151.97	82.80
13	18.9	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fitting this includes jointing of pipes & fitting with one step CPVC solvent cement, trenching, refilling & testing of joints complete as direction of engineer in charge. (External work)			
a	18.9.3	25 mm nominal outer dia pipes	metre	15.00	186.20
b	18.9.2	20 mm nominal outer dia pipes	metre	10.00	142.40
14	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931	Each	5.00	401.40
15	18.16	Providing and fixing brass stop cock of approved quality,			
a		20 mm nominal bore	Each	3.00	303.00
16	18.18	Providing and fixing ball valve (brass)of approved quality High or Low Pressur, with plastic floats complete.		1.00	
a	18.18.3	25 mm nominal bore (3 no. of floor)	Each	1.00	364.10

17	18.47	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	18.47.2	20 mm nominal bore	each	1	332.4
b	18.47.3	25 mm nominal bore	each	1	369.8
19	17.7.1	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever requireWhite Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	Each	1.00	2,307.10
20	19.19	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality			
a	19.19.1.1	LD-2.5Rectangular Shape 600x450mm internal dimensions	each	14.00	1,086.60
21	9.1.2	Providing sal wood work in frame of doors(choukhats) and fixed in position.	Cum	0.06	87,862.50
22	Approved By IGIMS	Providing and fixing flush door shulter 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.	8.10	2,750.92
24	9.127	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	9.127.2	1.0 mm thick	sqm	42.00	541.20
25	9.83	Supply and fixing IS : 3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screw etc. Complete.	Each	12.00	429.50
26	9.82	Supply and fixing bright finished brass hangging type floor door stopper with nessry screws etc complete	Each	6.00	91.70
27	9.96.2	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	8.00	195.50
28	9.97	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	9.97.1	300x10 mm	Each	5.00	105.20
b	9.97.4	150x10 mm	Each	5.00	67.80
29	9.100.	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	15.00	47.50
31	13.18	15 mm cement plaster 1:3 (1 cement: 3 coarse sand ) finished with a floating coat of neat cement on the rough side of single or half brick wall.	sqm	24.84	215.50
32	13.36	Extra for providing and mixing water proofing material in proportion recommended by the manufacturers:			
a	13.36.3	15 mm cement plaster 1:3(1 cement :3 sand)	sqm	24.84	9.40
<b>33</b>		<b>Extra cost for carriage of Material</b>			
a		Sone Sand (45 km from Koelwar)	cum	9.330	878.40
b		Stone Aggregate ,(From Manpur Gaya )	cum	12.398	1,865.77
c		Bricks (lead 7km P+ 1km K)	%	4.369	767.08
d		Difference of Bricks	%	4.369	1,470.46
e		Difference of Cement	mt	5.682	636.50
		<b>Non Schedule Item</b>			Rate Quotted by bidder
18	NSI	Providing and fixing on wall face unplastidsed-PVC rain water pipes .leaving 10 mm gap for thermal expansion.			
a	A	150 mm diameter	rmt	16.50	.....
23	N.S.I	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	32.10	.....
30	NSI	Providing and fixing vertical blind with rolling track etc all completed	sqft	504.00	.....

**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 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 :õ õ õ õ õ õ õ õ õ õ õ õ õ õ ..
- 2- Full postal address :-
- 3- Earnest money deposited :-
- 4- Registration No. :-
- 5- Time of completion :-

Signature of Contractor

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

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

**BILL OF QUANTITY-04**

**SHORT URGENT TENDER NOTICE NO.- Engg. /03/ CW/Tender/2020-21**

<b>Sl. No.</b>	<b>Name of the Work :-</b>	Repair Renovation and Modernization of Bacteriology Lab in Microbiology Department at IGIMS, Patna		
<b>1</b>	<b>Estimated Cost (In Rs.) :-</b>	<b>Rs. 3,21,700/-</b>		
<b>2</b>	<b>Earnest Money (In Rs.) :-</b>	<b>Rs. 6500/-</b>		
<b>3</b>	<b>Cost of B.O.Q. (In Rs.) :-</b>	<b>Rs. 750/-</b>		
<b>4</b>	<b>Time of completion :- ( In Days)</b>	<b>15 Days</b>		
<b>5</b>	<b>Date, time &amp; place for submission of Complete tender-</b>	As Per NIT		
<b>6</b>	<b>Date and time for opening of tender-(Technical Bid)-</b>	As Per NIT		
<b>7</b>	<b>Date &amp; Time for opening of Price Bid of Technically Suitable bidders.</b>	As Per NIT		
<b>Sl. No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate</b>

<b>1</b>	<b>14.1</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>a</b>	<b>14.1.2</b>	With cement mortar 1:4	Sqm.	50.00	213.30
<b>2</b>	<b>13.93.2</b>	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm.	85.20	45.20
<b>3</b>	<b>13.80.A.1</b>	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.	50.00	82.80

4	21.1.1.1	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.	300.00	369.20
5	Approved	Providing and fixing <b>4mm thick ACP</b> 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-incharge	sqm	58.00	1,198.89
6	21.3	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows and partition etc. EPDM Rubber / neoprene gasket etc.			
a	21.3.2	with float glass panes of 5.5 mm thick	sqm	19.89	1,017.30
7	9.83	Supply and fixing IS : 3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screw etc. Complete.	Each	12.00	429.50
8	10.41	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of			
A	10.41.2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	Kg.	174.72	203.90

9	8.2	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	8.2.2.2	Area of slab over 0.50 sqm	sqm	11.00	3,699.10
10	Approved	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	1.44	2,959.00
11	17.11	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	17.11.2	Size 600x450x200 mm	each	2.00	3,314.40
12	17.28	Providing and fixing P.V.C. Waste pipe for Kitchen sink or wash basin including P.V.C. waste fitting complete.			
	17.28.1	Semi rigid pipe			
a	17.28.1.1	32 mm dia	Each	2.00	86.20
13	18.9	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fitting this includes jointing of pipes & fitting with one step CPVC solvent cement, trenching, refilling & testing of joints complete as direction of engineer in charge. (External work)			
b	18.9.3	25 mm nominal outer dia pipes	metre	25.00	186.20
c	18.9.2	20 mm nominal outer dia pipes	metre	20.00	142.40
14	18.46	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	18.46.2	20 mm nominal bore	each	3.00	155.20
b	18.46.3	25 mm nominal bore	each	3.00	192.60



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

**BILL OF QUANTITY-05**

**SHORT URGENT TENDER NOTICE NO.- Engg. /03/ CW/Tender/2020-21**

<b>Sl. No.</b>	<b>Name of the Work :-</b>	Repair and Painting work of residential Quarter D- Type Qtr No 4/1 and development of Road of D-5 Block at IGIMS, Patna		
<b>1</b>	<b>Estimated Cost (In Rs.) :-</b>	<b>Rs. 1,61,610/-</b>		
<b>2</b>	<b>Earnest Money (In Rs.) :-</b>	<b>Rs. 3300/-</b>		
<b>3</b>	<b>Cost of B.O.Q. (In Rs.) :-</b>	<b>Rs. 500/-</b>		
<b>4</b>	<b>Time of completion :- ( In Days)</b>	<b>15 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>

1	2.8.1	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	12.97	319.60
2	2.26	Filling available excavated earth (excluding rock) in trenches, plinth,sides of foundations etc. in layers not exceeding 20 cm in depth:consolidating each deposited layer by ramming and watering lead	cum	3.00	103.30
3	2.28	Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.	cum	4.00	238.60
4	11.72	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	12.00	277.50
5	4.1	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.			
a	4.1.4	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	2.50	4,033.00

6	19.3	Construction brick masonry chamber for underground C.I. inspection chamber and bends with brick in cement mortar 1:4 C.I. cover with frame 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg R.C.C. top slab with 1:2:4 mix foundation concrete 40 mm nominal size inside plastering 12 mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design.			
a	19.30.3	inside dimension 600x850 mm and 45 cm deep for pipe line with three or more inlets:	Each	2.00	5,679.30
7	19.6	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	19.6.2	150 mm dia. R.C.C. pipe metre	Rmt.	40.00	359.30
8	11.73	Providing designation 100 A one brick on edge soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,	sqm	20.00	439.80
9	14.1	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	14.1.2	With cement mortar 1:4	Sqm	20.00	213.30
10	13.8	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete	Sqm	440.34	8.10
11	13.77.3	Distemping with oil bound washa ble Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	Sqm	440.34	27.20
12	13.78.2	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm	440.34	31.70
13	13.93.2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work	Sqm	30.00	45.20
14	13.80.A.1	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
15	8.2	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	8.2.2.2	Area of slab over 0.50 sqm	sqm	6.00	3,699.10
16	18.9	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fitting this includes jointing of pipes & fitting whith one step CPVC solvent cement, trenching, refilling & testing of joints complete as direction of engineer in charge. (External work)			
a	18.9.3	25 mm nominal outer dia pipes	metre	20.00	186.20
b	18.9.2	20 mm nominal outer dia pipes	metre	20.00	142.40
17	18.46	Providing and fixing G.I. Union in G.I. pipe including cutting andthreading the pipe and making long screws etc. complete (New work) :		2.00	



a	18.46.2	20 mm nominal bore	each	2.00	155.20
b	18.46.3	25 mm nominal bore	each	2.00	192.60
18	9.82	Supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete	Each	10.00	91.70
19	9.96.2	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	195.50
20	9.97	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	9.97..1	300x10 mm	Each	10.00	105.20
b	9.97.4	150x10 mm	Each	5.00	67.80
21	9.100.2	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	47.50
22	18.52.1	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	5.00	588.20
23	18.15	Providing and fixing brass bib cock of approved quality :			
a	18.15.2	20 mm nominal bore	each	25.00	303.00
24	18.56	Providing and fixing PTMT pillar cock of approved quality and colour .			
a	18.56.1	15 mm nominal bore, 107 mm long, weighing not less than 110 gms	each	27.00	183.50
25	18.62	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball.			
a	18.62.1	15 mm nominal bore, 105 mm long, weighing not less than 138 gms	each	27.00	182.70
26	17.10.	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 :			
	17.10.1	Kitchen sink with drain board			
a	17.10.1.2	510x1040 mm bowl depth 225 mm	Each	1.00	3,906.30
27	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.			
a	17.28.1	Semi rigid pipe			
	17.28.1.1	32 mm dia	Each	5.00	86.20
28	As Per Labour Dptt.	any other category of skilled worker not mention	Nos	10.00	262.00
29		Extra cost for carriage of Material			
a		Local Sand	Cum	4.70	262.05
b		Sone Sand (45 km from Koelwar)	Cum	1.11	878.40
c		Stone Aggregate ,( From MANPUR GAYA)	Cum	2.23	1,865.77
d		Bricks (7P+ 1K)	%o	1.47	767.08
e		Difference of Cost of Bricks	%o	1.47	1,470.46
f		Difference of Cost of Cement	tonn	0.80	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