

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-01

SHORT URGENT TENDER NOTICE NO.- Engg./02/ CW/Tender/2020-21

Sl. No.	Name of the Work :-	Repair and Painting Work of ward Block North wing ,West Corridor and Core Block Second floor to fourth floor at IGIMS,patna-14
1	Estimated Cost (In Rs.) :-	Rs. 11,49,846/-
2	Earnest Money (In Rs.) :-	Rs. 23,000/-
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
	<u>PAINTING AND FINISHING WORK</u>	-	-	-
1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 Sqm and under including cutting the patch in proper ing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead.			
a	With cement mortar 1:4	Sqm	200.00	213.30
2	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	1.00	4,033.00
3	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	13,000.00	8.10
4	Distemping with oil bound washa ble Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	13,000.00	27.20
5	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	13,000.00	31.70
6	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.	750.00	82.80
7	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm.	350.00	45.20

8	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	429.50
9	Supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete.	Each	50.00	91.70
10	Providing and fixing aluminium sliding door bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete: 250x 16 mm	Each	50.00	195.50
11	Providing and fixing aluminium sliding tower bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete:			
a	300x10 mm	Each	25.00	105.20
b	150x10 mm	Each	25.00	67.80
12	Providing and fixing aluminium handles anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc. complete 100mm	Each	25.00	47.50
13	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	each	25.00	599.50
14	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	25.00	588.20
15	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
16	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	25.00	86.20
17	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.			
a	15 mm nominal bore with 45 cm length	each	25.00	74.90
18	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.			
a	25 mm nominal outer dia	metre	50.00	186.00
b	20 mm nominal outer dia	metre	75.00	142.40
19	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.	6.00	2,750.92

20	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	350.00	114.20
21	Providing and fixing PTMT grating of approved quality and colour.Circular type125 mm nominal dia with 25 mm waste hole.	each	25.00	49.90
22	Extra cost for carriage of Material			
a	Sone Sand (45 km from Koelwar)	Cum	6.50	878.40
b	Stone Aggregate ,(Manpur gaya)	Cum	0.50	1,865.77
c	Difference of Cost of Cement	tonn	3.00	636.50

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 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./02/ CW/Tender/2020-21

Sl. No.	Name of the Work :-	Repair and Painting Work of ward Block South wing and East corridor Second floor to fourth floor at IGIMS,patna-14		
1	Estimated Cost (In Rs.) :-	Rs. 9,92,106/-		
2	Earnest Money (In Rs.) :-	Rs. 20,000/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1,250/-		
4	Time of completion :- (In Days)	30 Days		
5	Date, time & place for submission of Complete tender-	As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT		
Sl. No.	Item Description	Unit	Qty.	Rate
	CIVIL SCHEDULE			
	<u>PAINTING AND FINISHING WORK</u>	-	-	-
1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 Sqm and under including cutting the patch in proper ing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead.			
a	With cement mortar 1:4	Sqm	200.00	213.30
2	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	1.00	4,033.00
3	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	10,000.00	8.10
4	Distempering with oil bound washa ble Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	10,000.00	27.20
5	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	10,000.00	31.70
6	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.	1,000.00	82.80
7	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm.	350.00	45.20
8	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	429.50

9	Supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete.	Each	50.00	91.70
10	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	50.00	195.50
11	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	25.00	105.20
b	150x10 mm	Each	25.00	67.80
12	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	25.00	47.50
13	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	each	25.00	599.50
14	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	25.00	588.20
15	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	8.00	2,018.10
16	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	25.00	86.20
17	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.			
a	15 mm nominal bore with 45 cm length	each	25.00	74.90
18	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.			
a	25 mm nominal outer dia	metre	50.00	186.00
b	20 mm nominal outer dia	metre	75.00	142.40
19	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.	12.00	2,750.92
20	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	350.00	114.20

21	Providing and fixing PTMT grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole.	each	25.00	49.90
22	Extra cost for carriage of Material			
a	Sone Sand (45 km from Koelwar)	Cum	6.50	878.40
b	Stone Aggregate ,(Manpur gaya)	Cum	0.50	1,865.77
c	Difference of Cost of Cement	tonn	3.00	636.50

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 ō at estimated cost.

NOTE:-

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Signature of Contractor

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

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-03

SHORT URGENT TENDER NOTICE NO.- Engg./02/ CW/Tender/2020-21

Sl. No.	Name of the Work :-	Drain Cleaning in Hospital Campus and Residential Campus at IGIMS,Patna-14
1	Estimated Cost (In Rs.) :-	Rs. 6,78,000/-
2	Earnest Money (In Rs.) :-	Rs. 13,600/-
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1,250/-
4	Time of completion :- (In Days)	30 Days
5	Date, time & place for submission of Complete tender-	As Per NIT
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT

Sl. No.	Item Description	Unit	Qty.	Rate
	Civil Schedule Item			
1	Excavating trenches of required width for pipes cables, etc, including excavation for sockets, depth upto 1.5 m including getting out the excavated materials , returning the soil as required in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. stacking serviceable material for measurements and disposed ' of unserviceable material as directed, within a lead of 50 m:			
a	Ordinary rock : Pipes, cables etc exceeding 300 mm dia	per metre	21.00	1,064.10
2	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	150 mm dia. R.C.C. pipe metre	Rmt.	40.00	359.30
3	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes	Rmt.	20.00	1,998.50

	including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 450 Dia RCC Pipe			
4	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand).	CUM	5.00	5,037.20
5	12 mm cement plaster 1:3(1 cement: 3 coarse sand) finished with a floating coat of neat cement	Sqm.	50.00	190.80
6	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :			
a	inside Dimension 455 X610 mm and 45 cm Deep for single pipe line.			
i	with Common burnt clay F.P.S (non moduler) Bricks of class deg 7.5	Each	2.00	4,194.20
7	Extra for depth beyond 45 cm of brick masonry chamber : 455 x 610 mm	Rmt.	1.20	4,986.00
8	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality			
a	Rectengular shape 600x 450 mm size LD2.5	each	25.00	1,086.60
b	Rectangular size 450 x450 mm LD2.5	each	10.00	920.50
14	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	KL	201.00	92.00
15	Extra cost for carriage of Material			
	Sone Sand (45 km from Koelwar)	Cum	1.50	878.40
	Bricks (7P+ 1K)	%o	2.50	767.08
	Difference of Cost of Bricks	%o	2.50	1,470.46
	Difference of Cost of Cement	tonn	1.00	636.50

Civil Non- Schedule Item				
16	Supplying Labour and tools for cleaning of filled up and choked manhole Chamber and different size sewer line including disposal silt with all necessary arrangement.	cum	572.78

Quoted Rates:for schedule item

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

NOTE:-

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- 1- Issued to : ..
- 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