

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-01

Short Term Notice Inviting Tender- 01 /IGIMS/ Engg Cell/CW/Tender/2023-24

Sl. No.	Name of the Work :-	Repair, Painting, Renovation and Development of PG Girls Hostel 03 Building near C-type at IGIMS, Patna-14
1	Estimated Cost (In Rs.) :-	Rs. 14,86,513/-
2	Earnest Money (In Rs.) :-	Rs. 29,750/-
3	Cost of B.O.Q. (In Rs.) :-	Rs. 2,500/-
4	Time of completion :- (In Days)	45 Days
5	Date, time & place for submission of Complete tender-	As Per NIT
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT

Sl. No.	BSR-2022	Item Description	Unit	Qty.	Rate
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 aboveground level and removal of rubbish upto a distance of 50 m outside theperiphery of the area cleared.	sqm	229.29	6.97
2	2.29	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m			
a	2.29.1	All kinds of soil.	Sqm.	229.29	13.55
3	15.3	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material withing 50 metres lead	cum	12.00	1,411.20
4	14.85	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge	each	8.00	166.90
5	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	30.00	292.20
6	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	11.50	360.70
7	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete	Cum	60.00	287.30
8	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.	72.00	283.30

9	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	5.00	444.80
10	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of entering,shuttering,finishing and reinforcement-All work upto plinth level			
a	5.1.2	1:1.5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)c	Cum	9.52	4,688.30
11	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.			
a	5.22.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia	kg	355.00	94.50
b	5.22.7B	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	kg	750.00	92.60
c	5.22.7C	Thermo-Mechanically Treated bars TMTC-500-12mm dia	kg	155.50	90.80
12	5.9	Centring and shuttering including strutting,propping etc. and removal of form for.			
a	5.9.5	Lintels, beams, plinth bams, griders, bressumers and contilevers.	sqm	107.50	404.70
13	6.1C	Brick work with fly ash bricks as per IS 12894(2002) & IS 3495 in foundations and plinth in :			
a	6.1.14C	Cement mortar 1:6 (1 cement: 6 coarse sand)	Cum	18.38	4,923.00
14	6.3C	Extra tor Brick work in superstructure above plinth level upto floor V	Cum	18.38	842.20
15	13.12.2	15 mm cement plaster on rough side of single or half brick wall of mix1:4(1 cement: 4 coarse sand)	Sqm.	79.96	176.40
16	13.11.2	Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand)	Sqm.	70.08	152.90
17	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :			
a	13.46.1	New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm	640.60	137.00
18	16.91.1	Providing and laying factory made coloured chamfered edge Cement Concrete paver blocks of required strength, thickness & size/shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of fine 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.complete as per manufacturerø specifications & direction of Engineer-in Charge. 60mm thick C.C.paver block of M-35 grade with approved colour, design & pattern:	sqm	146.00	714.00
19	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	250.00	237.20
20	13.80.	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	922.00	9.70
21	13.78.2	Applying one coat of cement primer of approved brand and manufacture on wall surface:Distemper primer	sqm	922.00	38.70
22	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	922.00	33.20
23	13.80.A.1	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and	Sqm.	522.00	81.10

		manufacturer, over the plastered wall surface to prepare the surface even and smooth complete			
24	13.93	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:			
a)	13.93.2	One or more coats on old work.	sqm	125.00	54.30
25	11.41.2	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	130.00	1,638.80
26		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 (1 lime : 1 surkhi: 1 coarse sand) / 1:4 (1 cement: 4 coarse sand)			
a	11.26.1	20 to 25 mm thick -	sqm	10.00	1,252.70
27	8.6	Mirror polishing on marble work/stone work where ever required to give high gloss finish complete.	sqm	130.00	227.60
28	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.			
a	18.7.3	25 mm nominal outer dia Pipes	metre	50.00	317.30
29	12.78	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	12.78.2	110 mm diameter	metre	45.00	257.50
30	12.79	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	12.79.3	Single tee with door			
i	12.79.3.2	110x110x110mm	each	10.00	193.40
31	12.8	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: 4coarse sand and making good the wall etc complete			
a	12.80.2	110 mm	Each	5.00	182.72
32	17.28.1.1	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	20.00	91.00
33	18.74	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.			
a	18.74.2	15 mm nominal bore with 45 cm length	Each	25.00	108.00
34	18.58	Providing and fixing PTMT grating of approved quality and colour			
a	18.58.1.1	Circular type 100 mm nominal dia	each	20.00	33.20

35	17.18	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.			
a	17.18.1	10 litre capacity - White	Each	8.00	905.50
36	2.37	Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termites' treatment(including the cost of chemical emulsion)			
37	2.37.2	Along the external wall below concrete or masonry apron using chemical emulsion @ 2.55 litres per linear metre including drilling and plugging holes etc			
a	2.37.2.1	With chlorpyrifos E.C. 20% with 1% concentration	meter	108.00	49.10
39	9.63	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:			
a	9.63.4	100x10 mm	each	13.00	35.40
40	9.79	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	9.79.2	50 mm	each	5.00	222.00
41	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	19.6.3	250 mm dia. R.C.C. pipe	metre	65.00	677.40
42	19.7	Constructing brick masonry manhole in cement mortar 1:4 (1cement : 4 coarse sand) with 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 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :			
a	19.7.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg			
i	19.7.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	4.00	7,914.70
43	9.48.1	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.	kg	850.00	144.50
44	20.2	Boring, providing and installing bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring, with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. all complete, including removal of excavated earth with all lifts and leads (Length of pile for payment shall be measured upto bottom of pile cap).			
a	20.2.1	300 mm dia piles	Meter	51.00	902.60
45		Extra cost for carriage of Material			
a		Local Sand / Earth soil (3 Km)	Cum	61.00	310.47

b		Sone Sand (45 km from Koelwar)	Cum	25.00	1,132.90
c		Stone Aggregate ,(110 Km From Gaya Manpur)	Cum	16.50	2,464.45
d		Bricks (7P+ 1K)	%o	12.60	840.43
e		Difference of Cost of Bricks	%o	7.24	1,420.51
f		Difference of Cost of Cement	tonn	12.81	234.62
		<u>CIVIL NON SCHEDULE ITEM</u>			
46	NSI	Providing and Fixing Angular Stop Cock with wall flange all Complete. Jaguar Model FLR-5053N or equivalent.	Each	8.00
47	NSI	Providing and Fix ing shower with arm all complete. Arm size 300mm long 6" overhead shower. Make-Prayag cat no-BS-79S or equivalent.	Each	4.00
48	NSI	Providing and Fixing Bib Cock with wall flange all complete. Jaguar Model CON-047KN or equivalent.	Each	10.00
49	NSI	Providing and Fixing Towel Ring round with round flange all complete. Jaguar Model ACN-CHR-1121BN or equivalent.	Each	4.00
50	NSI	Providing and Fixing Pillar Cock Auto Closing System with 65 mm extension body all Complete. Jaguar Model PRS-031L65 or equivalent.	Each	4.00

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 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 Term Notice Inviting Tender- 01 /IGIMS/ Engg Cell/CW/Tender/2023-24					
Sl. No.	Name of the Work :-			Drain Cleaning Work in Hospital and Residential Campus Area at IGIMS, Patna-14	
1	Estimated Cost (In Rs.) :-			Rs. 8,04,201/-	
2	Earnest Money (In Rs.) :-			Rs. 16,100/-	
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.	BSR-2022	Item Description	Unit	Qty.	Rate
1	2.25	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	kl.	51.73	107.20
CIVIL NON-SCHEDULE					
2	NSI	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	934.10	

Quoted Rates:for schedule item

- a- ò ò ò ò ò ò % above
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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 Term Notice Inviting Tender-01 /IGIMS/ Engg Cell/CW/Tender/2023-24

Sl. No.	Name of the Work :-	Provision of M.S Chamber cover in ward Block Court Yard at IGIMS, Patna-14
1	Estimated Cost (In Rs.) :-	Rs. 6,31,576/-
2	Earnest Money (In Rs.) :-	Rs. 12,650/-
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1250/-
4	Time of completion :- (In Days)	15 Days
5	Date, time & place for submission of Complete tender-	As Per NIT
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT

Sl. No.	BSR-2022	Item Description	Unit	Qty.	Rate
1	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level.			
a	4.1.3	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	7.63	3,998.10
2	13.11.2	Cement plaster in course sand 12 mm cement plaster of mix: 1:4(1 cement :4 coarse sand)	sqm	101.70	152.90
3	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc.with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete			
a	9.48.1	Fixed to steel windows by welding kg	sqm	3,431.18	144.50
4	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :		-	
a	13.46.1	New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm	101.70	137.00
5	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in : cement mortar 1:4 (1 cement: 4 coarse sand)	sqm	8.48	599.30
6	5.2	Reinforced cement concrete work in wall (any thickness), including attached plasters, utresses, 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			
a	5.2.2	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	Cum	3.97	5,670.00
7	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.			
b	5.22.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	kg	200.00	94.50

8		<u>Extra cost for carriage of Material</u>			
a		Sone Sand (45 km from Koelwar)	Cum	6.38	1,132.90
b		Stone Aggregate ,(110 Km From Gaya Manpur)	Cum	2.62	2,464.45
c		Bricks (7P+ 1K)	%o	6.51	840.43
d		Difference of Cost of Bricks	%o	6.51	1,420.51
e		Difference of Cost of Cement	tonn	3.79	234.62

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.

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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 Term Notice Inviting Tender -01 /IGIMS/ Engg Cell/CW/Tender/2023-24

Sl. No.	Name of the Work :-	Development of East side Area, Fixing of M.S Gate in Kachra Point and Provision of Boom Barrier Different Location at IGIMS, Patna-14
1	Estimated Cost (In Rs.) :-	Rs. 4,31,816/-
2	Earnest Money (In Rs.) :-	Rs. 8,650/-
3	Cost of B.O.Q. (In Rs.) :-	Rs. 750/-
4	Time of completion :- (In Days)	15 Days
5	Date, time & place for submission of Complete tender-	As Per NIT
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT

Sl. No.	BSR-2022	Item Description	Unit	Qty.	Rate
1	15.3	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material withing 50 metres lead:	Cum	1.00	1411.20
2	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	1.73	360.70
3	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete	Cum	32.40	287.30
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	4.1.3	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	Cum	1.00	3998.10
	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :.4 (1 cement: 4 coarse sand) .	Cum	1.00	5017.90
6	13.12.2	15 mm cement plaster on rough side of single or half brick wall of mix1:4(1 cement: 4 coarse sand)	Sqm.	10.00	176.40
7	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete			
a	10.16.1	Hot finished welded type tubes	kg	161.59	123.90
8	9.48.1	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	2167.00	144.50
9	13.93.2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	sqm	100.00	54.30
10	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 specifications & direction of Engineer -in-Charge:			
a	11.79.2	80 mm thick c.c. paver block of M-35 grade with white colour design and pattern.	sqm.	27.00	906.10
11	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.	27.00	283.30
12	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.			
a	18.12.7	65 mm dia nominal bore metre 667.70	mtr.	18.00	667.70
b	18.12.8	80 mm dia nominal bore metre 818.20	mtr.	10.00	818.20
13	-	Extra cost for carriage of Material			
a		Local Sand	Cum	34.00	310.47
b		Sone Sand (45 km from Koelwar)	Cum	2.24	1132.90
c		Stone Aggregate ,(110 Km From Gaya Manpur)	Cum	0.89	2464.45
d		Bricks (7P+ 1K)	%o	1.50	840.43
e		Difference of Cost of Bricks	%o	1.50	1420.51
f		Difference of Cost of Cement	tonn	0.50	234.62

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.

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

Signature of Contractor

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

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-05

Short Term Notice Inviting Tender -01 /IGIMS/ Engg Cell/CW/Tender/2023-24

Sl. No.	Name of the Work :-		Provision of Traffic Barrier in Hospital Premises area at IGIMS, Patna-14		
1	Estimated Cost (In Rs.) :-		Rs. 4,01,183/-		
2	Earnest Money (In Rs.) :-		Rs. 8,100/-		
3	Cost of B.O.Q. (In Rs.) :-		Rs. 750/-		
4	Time of completion :- (In Days)		15 Days		
5	Date, time & place for submission of Complete tender-		As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-		As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.		As Per NIT		
Sl. No.	BSR-2022	Item Description	Unit	Qty.	Rate
1	9.48.1	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	1079.47	144.50
2	10.16.1	Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete:Hot finished welded type tubes	kg	1740.51	123.90
3	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.	135.00	54.30
4	14.22	Renewing Wrought iron or M.S. Wheel or roller of steel door or gate and fitting and fixing the same with necessary clamps, nuts and bolts/welding and erection etc. complete.			
a	14.22.2	Wheel above 50 mm dia	each	100.00	222.20

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BILL OF QUANTITY-06

Short Term Notice Inviting Tender.- 01 /IGIMS/ Engg Cell/CW/Tender/2023-24

Sl. No.	Name of the Work :-	S.S Grilling Work all around Doctor and Nurse Counter in Emergency Trauma Building at IGIMS, Patna-14
1	Estimated Cost (In Rs.) :-	Rs. 3,44,386/-
2	Earnest Money (In Rs.) :-	Rs. 6,900/-
3	Cost of B.O.Q. (In Rs.) :-	Rs. 750/-
4	Time of completion :- (In Days)	15 Days
5	Date, time & place for submission of Complete tender-	As Per NIT
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT

Sl. No.	BSR-2022	Item Description	Unit	Qty.	Rate
1	10.36	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes,channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless stel members shall be considered excluding fixing accessories such as nuts, bolts,fasteners etc.).	kg.	610.00	546.80
2	9.48.1	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	75.00	144.50

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BILL OF QUANTITY-07

Short Term Notice Inviting Tender- 01 /IGIMS/ Engg Cell/CW/Tender/2023-24

Sl. No.	Name of the Work :-	Miscellaneous work of Vaccination Center Near OPD Block at IGIMS, Patna-14
1	Estimated Cost (In Rs.) :-	Rs. 2,96,045/-
2	Earnest Money (In Rs.) :-	Rs. 5,950/-
3	Cost of B.O.Q. (In Rs.) :-	Rs. 750/-
4	Time of completion :- (In Days)	15 Days
5	Date, time & place for submission of Complete tender-	As Per NIT
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT

Sl. No.	BSR-2022	Item Description	Unit	Qty.	Rate
1	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.			
a	15.23.1	For thickness of tiles 10 mm to 25 mm	sqm	26.11	30.70
2	15.2.1	Demolishing cement concrete including disposal of material within 50 metre lead 1:3:6 or richer mix	cum	2.00	970.90
3	4.1	Providing and laying in position cement concrete of specified grade excluding 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	2.00	3,879.40
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.	26.11	283.30
5	17.7	Providing and fixing wash basing with C.I. brackets 15mm C.P. brass pillar taps 32mm C.P. brass waste of standard pattern, including painting of fitting and brackets, cutting and making good the walls wherever require.			
a	17.7.1	White vitreous china wash basing size 630X450 mm with a pair of 15 mm C.P. brass pillar taps.	Each	2.00	2,764.40
6	13.80 A.2	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.	106.80	105.40
7	11.26	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 (1 lime : 1 surkhi: 1 coarse sand) / 1:4 (1 cement: 4 coarse sand)			
a	11.26.1	20 to 25 mm thick	sqm.	26.11	1,252.70
8	26.22	Providing and fixing false ceiling at all heights with integral densified calcium silicate reinforced with fibre and			

		natural filler false ceiling tiles of Size 595x595mm of approved texture, design and patterns as per CPWD Specification 2019, to be laid in true horizontal level suspended on inter-locking metal T-Grid of hot dipped galvanized iron section of 0.33mmthick (galvanized @ 120 grams per sqm including both sides)comprising of main-T runners of size 24x38 mm of length 3000 mm,cross - T of size 24x32 mm of length 1200 mm and secondaryintermediate cross-T of size 24x32 mm of length 600mm to formgrid module of size 600 x 600 mm, suspended from ceiling usinggalvanized mild steel items (galvanizing @ 80 grams per sqm) i.e. 12x50 mm long dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size76x25x25x1.6 mm fixed with grid and Z cleat of size 25x37x25x1.6mmthick with precut hole on both 25mm flange to pierce into 12x50mm or even bigger size dash fastener if require, fixed with Glavanised iron perimeter wall angle or size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450mm center to center and 40 mm long dry wall S.S screws. The workshall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge			
a	26.22.1	With 15 mm thick tegular edged light weight calcium silicate false ceiling tiles.	sqm.	38.10	1,530.40
9	7.38.1.1	Stone tile work for wall lining upto 10.0m height with special adhesive like araldite or equivalent over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand) including pointing in-white cement with an admixture of pigment to match the stone shade			
a		8 mm thick (mirror polished and machine cut edge) Granite black stone	sqm.	27.33	1,900.90
10	9.133.3	Gypsum board conforming to IS: 2095 Part - I			
a	9.133.3.1	12.5 mm thick	sqm.	12.50	796.40
11	18.37	Constructing masonry Chamber 60x45x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for water meter complete with C.I. double flap surface box 400x200x200 mm (inside)with locking arrangement and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :			
a	18.37.1	With common burnt clay F.P.S.(non modular) bricks of class designation 100A	each	1.00	6,849.90
12	21.3	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	21.3.2	With float glass panes of 5.5 mm thickness	sqm	39.15	1,115.10
13	21.15	Providing and fixing aluminium casement windows fastener ofrequired length for aluminium windows with necessary screwsetc. complete.			
a	21.15.1	Anodized (AC 15) aluminium	each	28.00	70.50

14	21.9	Extra for applying additional anodic coating AC 25 instead of AC 15 to aluminium extruded sections			
a	21.9.2	For shutters of doors, windows & ventilators kg 13.40	each	56.00	13.40
15	As Per Labour Dppt.	Unskilled Labour for removing garbage and jungle on garage terrace	Nos	25.00	287.00
16	14.22	Renewing Wrought iron or M.S. Wheel or roller of steel door or gate and fitting and fixing the same with necessary clamps, nuts and bolts/welding and erection etc. complete			
a	14.22.2	Wheel above 50 mm dia	each	10.00	222.20
17	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	4.00	210.10
18	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	4.00	111.40
b	9.97.4	150x10 mm	each	4.00	71.60
19	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	4.00	57.10
20	9.82	Supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete	Each	48.00	108.10
21	18.74	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.			
a	18.74.2	15 mm nominal bore with 45 cm length	Each	2.00	108.00
22	12.78	Providing and fixing on wall face unplasticised -PVC (working pressure 4 kg 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	12.78.1	75 mm diameter	metre	10.08	162.70
23	12.79	Providing and fixing on wall face unplasticised -PVC molded fitting/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	12.79.3	Single tee with door			
i	12.79.3.2	110 mm	each	4.00	193.40
b	12.79.5	Band 87.5°			
i	12.79.5.1	75mm bend	each	4.00	91.80
ii	12.79.5.2	110mm bend	each	4.00	132.00
24	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	23.00	294.70
b	18.9.2	20 mm nominal outer dia pipes	metre	10.00	205.30

