

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA:
PATNA-14
BILL OF QUANTITIES

- 1 Name of the work : - Repair and maintenance work proposed Boy's hostel at IGIMS Campus, Patna.
- 2 Estimated cost :- Rs. **4,49,740.00** (Rs. Four Lacs Forty Nine thousand Seven hundred Forty only).
- 3 Cost of BOQ :- Rs:- 750=00 (Rs. Seven hundred fifty only)
- 4 Earnest Money Deposited :- Rs:- 9000=00 (Rs. Nine hundred only)
- 5 Time of Completion :- 20 days
- 6 Last date and time of receipt of tender :- 27/05/2013 up to 4.00 PM at office of the Director, IGIMS, Patna-14.
- 7 Date and time of opening of Tender :- 28/05/2013 at 11.30 AM

Sl.N	Item Description	Unit	Qty.	Rate Per Unit
1	Distempering with 1st quality washable distemper (ready made) of approved manufacturer and of required shade and colour complete. As per manufacture's specifications. Two or more coat	Sqm.	1,735.00	26.30 (Rupees Twenty six & paise thirty only)
2	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade:Old wood work /steel work (one or more coats) with one coat priming coat	Sqm.	342.00	47.60 (Rupees Forty seven & paise sixty only)
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm.	150.00	9.20 (Rupees Nine & paise twenty only)
4	Cement plaster in course sand, 20 mm cement plaster of mix:1:4(1 cement :4 coarse sand)Extra for providing and mixing water proofing material in proportion recommended by the manufacturers:	Sqm.	150.00	123.70 (Rupees One hundred twenty three & paise seventy only)
5	Neat cement punning	Sqm.	150.00	24.30 (Rupees Twenty four & paise thirty only)

6	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm.	10.00	63.80 (Rupees Sixty three & paise eighty only)
7	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 shape and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm.	25.00	124.50 (Rupees One hundred twenty four & paise fifty only)
8	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level. 1:1.5:3(1 Cement :1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	cum	1.50	3,588.90 (Rupees Three thousand five hundred eighty eight & paise ninety ony)
9	Renewing glass panes, with putty and nails wherever necessary:Float glass panes weighing 10 kg/m2 (4mm thick glass)	Sqm.	40.00	521.70 (Rupees Five hundred twenty one & paise seventy only)
10	Renewal of old putty of glass panes (length)	Sqm.	200.00	11.20 (Rupees Eleven & paise twenty only)
11	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 fixed to openings/wooden frames with rawl plugs screws etc	kg	100.00	83.40 (Rupees Eighty three & paise forty only)
12	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.	2,000.00	2.97 (Rupees Two & paise ninety seven only)
13	Providing and fixing flush door shutter centaury board ...as per specified by EIC	Sqm.	35.50	2,750.92 (Rupees Two thousand seven hundred fifty & paise ninety two only)
14	Providing and fixing alluminium sliding door bolt anodized (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			
	250x16mm	Each	15.00	164.50 (Rupees One hundred sixty four & paise fifty only)

15	Providing and fixing alluminium sliding tower bolt anodized(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:			
	300x10mm	Each	15.00	99.50 (Rupees Ninety nine & paise fifty only)
	150x10 mm	Each	15.00	58.40 (Rupees Fifty eight & paise forty only)
16	Providing and fixing alluminium hanging floor door stopper 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:Twin rubber stopper	Each	15.00	68.80 (Rupees Sixty eight & paise eighty only)
17	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. complete125mm	Each	20.00	62.20 (Rupees Sixty two & paise twenty only)
18	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position Second Class teakwood	cum	0.47	83,911.90 (Paise forty seven only)
19	providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bots, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement :3 coarse sand :6 graded stone aggregate 20 mm nominal size	Each	48.00	65.00 (Rupees Sixty five only)
20	Providing and fixing M.S. pressed butt each bright finished with necessary screws etc. complete: 125x65x2.12 mm	Each	40.00	25.70 (Rupees Twenty five & paise seventy only)
21	25 mm thick (for cub-board) including nickel plated bright finished M.S.piano hinges with necessary screws	Sqm.	38.00	1,207.30 (Rupees One thousand two hundred seven & paise thirty only)
22	Half brick masonry with bricks of class designation 100A in foundations and plinth in :Extra for half Brick masonry in superstructure above pinth level upto floor V level.	Sqm.	6.00	437.80 (Rupees Four hundred thirty seven & paise eighty only)
23	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches etc. Complete.	Sqm.	1,735.00	4.30 (Rupees Four & paise thirty only)

24	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.	2.00	849.70 (Rupees Eight hundred forty nine & paise seventy only)
25	Providing and fixing controlled flush, low level cistern made of vitreous china with all fittings complete.			
	10 litre (full flush) capacity-white	Each	3.00	1,474.10 (Rupees One thousand four hundred seventy four & paise ten only)
26	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	Each	5.00	2,964.10 (Rupees Two thousand nine hundred sixty four & paise ten only)
27	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 requWhite Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap.p..	Each	3.00	1,628.95 (Rupees One thousand six hundred twenty eight & paise ninety five only)
28	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	Each	10.00	674.05 (Rupees Six hundred seventy four & paise five only)
29	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia	Each	15.00	66.45 (Rupees Sixty six & paise forty five only)
30	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour. 15 mm nominal bore with 45 cm length	Each	10.00	67.55 (Rupees Sixty seven & paise fifty five only)
31	Providing and fixing C.P. brass bib cock/pillar of approved quality conforming to IS:8931 15 mm nominal bore.	Each	25.00	397.50 (Rupees Three hundred ninety seven & paise fifty only)

32	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.			
	15 mm dia.nominal bore.	each	10.00	426.50 (Rupees Four hundred twenty six & paise fifty only)
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 10mm gap for thermal expansion. 110 mm dia	m	30.00	186.40 (Rupees One hundred eighty six & paise forty only)
34	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.			
	110x110x110 mm	Each	6.00	229.60 (Rupees Two hundred twenty nine & paise sixty only)
	110 mm bend	Each	6.00	114.00 (Rupees One hundred fourteen)
35	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 110 mm dia.	Each	8.00	28.60 (Rupees Twenty eight & paise sixty only)
36	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	Each	35.00	113.30 (Rupees One hundred thirteen & paise thirty only)
37	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	Each	8.00	161.90 (Rupees One hundred sixty one & paise ninety only)
38	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			
	15 mm nominal bore.	Each	5.00	259.65 (Rupees Two hundred fifty nine & paise sixty five only)

	20 mm nominal bore.	Each	5.00	282.90 (Rupees Two hundred eighty two & paise ninety only)
	25 mm nominal bore.	each	5.00	294.50 (Rupees Two hundred ninety four & paise fifty only)
39	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :25 to 40 mm nominal bore	Each	10.00	277.35 (Rupees Two hundred seventy seven & paise thirty five only)
40	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.			
	15 mm nominal bore.	m	7.00	161.60 (Rupees One hundred sixty one & paise sixty only)
	20 mm nominal bore.	m	40.00	188.05 (Rupees One hundred eighty eight & paise five only)
	25 mm nominal bore.	m	60.00	209.40 (Rupees Two hundred nine & paise forty only)
42	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete			
	15 mm nominal bore.	Each	5.00	258.05 (Rupees Two hundred fifty eight & paise five only)
43	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :			
	25 mm nominal bore.	Each	5.00	372.95 (Rupees Three hundred seventy two & paise ninety five only)
44	Supplying and installation of 1 Hp Electrical AC Motor ISI Mark with make of KSB/Crompton/USHA etc all activities for installation including 3 CDL Starter and commissioning as per direction of EIC.	Each set	2.00	8,046.00 (Rupees Eight thousand forty six)
45	Desman tiling doors windows and clerestory windows (steel or wood) shutters including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: Of area 3 sqm and below	Each	7.00	65.20 (Rupees Sixty five & paise twenty only)
46	Carriage of Materials			

	Sone Sand	Cum	5.00	566.64 (Rupees Five hundred sixty six & paise sixty four only)
	Stone Aggregate	Cum	1.35	1,002.57 (Rupees One thousand two & pasie fifty seven only)
	Bricks	Cum	350.00	0.50 (Paise fifty only)

Quoted Rates:

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

NOTE:-

Contractors are requested to quote their rates % above / % below / at estimated rate
In above format tenders quoting item wise rate will be rejected.

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

Signature of Contractors

Superintending Engineer (C)
I.G.I.M.S., Patna

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA: PATNA-14
BILL OF QUANTITY

01. Name of the Work - Repair & Renovation of Miscellaneous Work of
E-2/4 Quarter at IGIMS, Patna.
02. Estimated Cost - Rs. 67,209/- (Rupees Sixty Seven Thousand
Two hundred nine only)
03. Earnest Money - Rs.1350.00 (Rs. One thousand three hundred
fifty only.)
04. Cost of B.O.Q. - Rs.500.00 (Rs. Five hundred only)
05. Time of Completion - 30 Days.
06. Last date and time of - 27/ 05 /2013 up to 4.00 PM
-receipt of tender at office of the Director, Patna-14
07. Date and time of opening - 28 /05 /2013 at 11.30 AM
of Tender

<u>Sl.N</u>	<u>Item</u>	<u>Unit</u>	<u>Qty.</u>	<u>Rate</u> <u>(In Rs.)</u>
1	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary reparation scratches etc. Complete.	Sqm.	528.27	4.30 (Rupees Four & paise thirty) only.
2	Applying one coat of distemper primer of approved brand and manufacture on wall surface:			
	Distemper primer	Sqm.	528.27	21.30 (Rupees Twenty one & paise thirty only.
3	Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .			
	Old work (one or more coats)	Sqm.	528.27	16.70 (Rupees Sixteen & paise seventy only)
4	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.	14.91	863.60 (Rupees Eight hundred sixty three & paise seventy only)

5	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.	14.49	858.38 (Rupees Eight hundred fifty eight & paise thity eight only)
6	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :			
	White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	Each	1.00	2964.10 (Rupees Two thousand nine hundred sixty four & paise ten only)
7	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :			
	W.C. pan with ISI marked white solid plastic seat and lid	Each	2.00	2865.35 (Rupees Two thousand eight hundred sixty five & paise thirty five only)
8	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade			
	Old wood work (one or more coats)	Sqm.	166.08	32.50 (Rupees Thirty two & paise fifty only)
9	Renewing glass panes, with wooden fillets wherever necessary:			
	Float glass panes of thickness 4 mm	Sqm.	5.00	607.02 (Rupees Six hundred seven & paise two only)
10	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:			
	300x10mm	Each	5.00	99.50 (Rupees Ninety nine & paise fifty only)
	150x10 mm	Each	5.00	58.40 (Rupees Fifty eight & paise forty only)
11	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			
	125mm	Each	4.00	62.20 (Rupees Sixty two & paise twenty only)
12	Applying priming coat:			
	With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works	Sqm.	5.00	18.90 (Rupees Eighteen & paise ninety only)
13	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	Sqm.	13.79	45.20 (Rupees Forty two & paise twenty only)

Quoted Rates:

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

NOTE:-

Contractors are requested to quote their rates % above / % below / at estimated rate
In above format tenders quoting item wise rate will be rejected.

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Signature of Contractors

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