

# INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14.

## BILL OF QUANTITY

01	Name of Work	Repair & Renovation of proposed OBS & Gynecology O.T. at ground floor Polyclinic Block at IGIMS, Patna.		
02	Estimated cost	Rs.13,94,878.00		
03	Cost of BOQ	Rs. 2500.00		
04	Earnest Money Deposited	Rs. 27,900.00		
05	Time of Completion	30 Days		
06	Last date and time of receipt of tender	24/07/2013 up to 4.00 PM at office of the Director, IGIMS, Patna-14.		
07	Date and time of opening of Tender	25 /07 / 2013 at 3.00 PM in Conference Hall, IGIMS, Patna.		
Sl. No.	Item Description	Unit	Qty.	Rate (In Rs.) Per Unit
1	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	350.33	9.20 Rs. Nine & paise twenty only.
2	6 mm cement plaster to ceiling of mix : 13.24.1 1:3(1 cement: 3 coarse sand) sqm	Sqm	350.33	67.4 Rs. Sixty seven & paise forty only.
3	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.NITCO , ORIENT , SOMANY , KAJARIA or equivalent make in colours such as white , Ivory , Grey , Fume , Red , Brown etc.	Sqm	375.33	783.60 Rs. Seven hundred eighty three & sixty paise only.
4	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete	Sqm	1090.43	4.30 Rs. Four & thirty paise only
5	Mirror polishing on marble work/stone work where ever required to give high gloss finish complete.	Sqm	429.62	150.80 Rs. One hundred fifty & paise eighty only

6	Applying one coat of cement primer of approved brand and manufacture on wall surface:Distemper primer	Sqm	1257.29	21.30 Rs. Twenty one & thirty paise only
7	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade(two or more coats ) over and including priming coat with cement primer	Sqm	740.04	48.30 Rs. Forty eight & thirty paise only.
8	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats	Sqm	350.33	47.10 Rs. Forty seven & ten paise only.
9	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	1090.43	63.80 Rs. Sixty three & eight paise only.
10	Applying priming coat: 13.81.2 with ready mixed aluminum primer of approved brand and manufacture on resinous wood and plywood.	Sqm	149.76	17.80 Rs. Seventeen & eighty only.
11	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: 13.93.1 Two or more coats on new work	sqm	149.76	38.60 Rs. Thirty eight & sixty paise only.
12	Applying priming coat:With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel work (second coat)	sqm	77.66	8.40 Rs. Eight & forty paise only.
13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade One or more coats on old work.	sqm	77.66	25.3 Rs. Twenty five & thirty paise only.
14	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand )	cum	3.83	3230.00 Rs. Three thousand two hundred thirty only
15	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50meters lead:In cement mortar	cum	8.04	348.90 Rs. Three hundred forty eight & ninety paise only.
16	Half brick masonry with bricks of class designation 100A in foundations and plinth in :Cement mortar 1:3 (1 cement: 3 coarse sand)Extra for half Brick masonry in superstructure above pinth level upto floor V level.Extra for providing and placing in position 2 Nos, 6 mm dia , MS bars at every third course of half brick masonry (with F. P. S. bricks)	sqm	65.50	512.30 Rs. Five hundred twelve & thirty paise only.

17	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishin and reinforcement1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	cum	3.00	3737.50 Rs. Three thousand seven hundred thirty seven & fifty paise only.
18	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.Thermo-Mechanically Treated bars TMTC-500-8mm dia.	kg	100.00	72.40 Rs. Seventy two & forty paise only.
19	Centring and shuttering including strutting,propping etc. and removal of form for.Shelves (Cost in situ)	sqm	10.00	205.00 Rs. Two hundred five only.
20	Cement concrete flooring 1:2:4(1 cement:2 coarse:sand:4 graded stone agregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete.40 mm thick with 20 mm nominal size stone aggregate	sqm	9.90	195.70 Rs. One hundred ninety five & seventy only.
21	Providing and laying Ceramic glazed floor tiles 400x400 mm (thickness to be specified by the manufacturer) of 1 st quality conforming to IS : 13755 of NITCO , ORIENT , SOMANY , KAJARIA or equivalent 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 grouting the joints with white cement and matching pigments etc, complete.	Sqm	9.90	1065.20 Rs.One thousand sixty five & twenty paise only.
22	Cement plaster in course sand 13.11 12 mm cement plaster of mix 1:3 (1 cement:3 coarse sand)	sqm	75.50	94.50 Rs. Ninety four & fifty paise only.
23	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 steel windows by welding	kg	740.00	83.40 Rs. Eighty three & forty paise only.
24	Providing and fixing anodised aluminium work for doors, windows, ventilator and partitions with extruded built up standard tubular and other sections of approved make conforming to IS : 733 and IS : 1285,anodised trasparent or dyed to required shade according to IS : 1868,(Minimum anodic coating of grade AC 15), fixed with.rawl plugs and screws or with fixing clips , or with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust fre straight, mitred and jointed mechanically wherever required including cleat angle.,Aluminium snap beading tor glazing/paneling, C.P. brass/stainless steel screws, all complete as per architecttural drawings and the directions of Engineer-in-charge.(GlazingFor fixed portion and panelling to be paid for separately	kg	460.00	360.42 Rs. Three hundred sixty & forty two only.

25	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprenegasket etc. complete as per the architectural drawings and the directions of engineer-in-charge.(Cost of aluminium snapbading shall be paid in basic item.)With glass panes of 5.50 mm thickness(weight not less than 13.75 kg/sqm)	sqm	11.52	851.00 Rs. Eight hundred fifty one only
26	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	42.05	2959.00 Rs. Two thousand nine hundred fifty nine only.
27	Providing and fixing double action hydraulic floor spring of approved brand and manufacture (conforming to IS: 6315) for aluminium doors including cost of cutting floors as required, embedding in floors and cover plates etc. complete as per the direction of engineer-in charge	Each	8.00	1890.40 Rs. One thousand eight hundred ninety & forty paise only.
28	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 : 17.1.1 White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	Each	2.00	2964.10 Rs. Two thousand nine hundred sixty four & ten paise only.
29	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 : 17.2.1 W.C. pan with ISI marked white solid plastic seat and lid	Each	1.00	2885.10 Rs. Two thousand eight hundred eighty five and paise ten only.
30	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. 110 mm diameter	rmt	20.00	186.40 Rs. One hundred eighty six & paise forty only.
31	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. 110x110x110mm	Each	3.00	276.50 Rs. Two hundred seventy six and paise fifty only.

32	Single tee without door 110x110x110 mm	Each	3.00	144.00 Rs. One hundred forty four only.
33	25mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mm X 25mm or less as per requirement with an average wall thickness of 1mm ( $\pm$ 0.3mm). PVC foam end cap of size 23x10mm are provided on both vertical edges to ensure the overall thickness of 25mm. An M.S. tube having dimensions 19mm x 19mm and 1.0 mm ( $\pm$ 0.1mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25MM X 11MM. Door shutter shall be reinforced with special polymeric reinforcements as per manufactures' specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places	sqm	5.04	2500.15 Rs. Two thousand five hundred and paise fifteen only.
34	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. 15 mm dia. nominal bore	rmt	20.00	161.60 Rs. One hundred sixty one and paise sixty only.
35	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm nominal bore.	Each	6.00	397.50 Rs. Three hundred ninety seven & Paise fifty only.
36	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	6.00	426.55 Rs. Four hundred twenty six & Paise fifty five only.
37	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% Ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified 2mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6" ) as specified	sqm	12.00	932.50 Rs. Nine hundred thirty two & Paise sixty only.

38	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 require White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap.	Each	3.00	1460.50 Rs. One thousand four hundred sixty & Paise fifty only.
39	Fixing white vitreous china urinal basin Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern.	Each	2.00	4652.80 Rs. Four thousand six hundred fifty two & paise eighty only.
40	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	4.00	674.05 Rs. Six hundred seventy four & Paise five only.
41	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.	Each	5.00	65.30 Rs. Sixty five & Paise thirty only.
42	18.74 Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.	Each	5.00	67.55 Rs. Sixty seven & Paise fifty five only.
43	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)	Each	3.00	119.60 Rs. One hundred nineteen & Paise sixty only.
44	Providing and fixing at all height false ceiling providing & fixing at frame work made of special sections power pressed and galvanized with zinc coating and consisting of angle cleats, hanger with nuts & bolts including water proof, heat insulated, washable, durable and decorative gypsum tiles of size 600x600mm suitable for operation theatre all fixed, carriage etc all complete as per direction of Engineer i/c	sqm	84.10	1654.29 Rs. One thousand six hundred fifty four & Paise twenty nine only.
45	Round shape down lighter fitted with CGL (Make- Philips/Bajaj) with all wiring installation.	Each	12.00	1100.00 Rs. One thousand one hundred only
46	Providing and fixing flush door shutters non-decorative type, core of block board construction with frame of 1 st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 25 mm thick (for cub-board) including nickel plated bright finished M.S. piano hinges with necessary screws	sqm	7.20	1427.20 Rs. One thousand four hundred twenty seven & Paise twenty only.
47	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	10.00	62.20 Rs. Sixty two & paise twenty only.

48	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	10.00	68.80 Rs. Sixty eight & paise eighty only.
49	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 11.48.1 25mm thick	sqm	3.00	851.10 Rs. Eight hundred fifty one & Paise ten only.
50	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	9.90	170.20 Rs. One hundred seventy & Paise twenty only.
51	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.	27.36	2,750.92 Rs. Two thousand seven hundred fifty & Paise ninety two only.
52	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	3.00	277.35 Rs. Two hundred seventy seven & Paise thirty five only.
53	Renewal of old putty of glass panes (length)	rmt	300.00	11.20 Rs. Eleven & Paise twenty only.
54	Renewing glass panes, with putty and nails wherever necessary 14.5.2 Float glass panes weighing 10 kg/m2 (4mm thick glass)	Sqm.	10.00	521.70 Rs. Five hundred twenty one & Paise seventy only.
55	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	300x10mm	Each	10.00	99.50 Rs. Ninety nine & Paise fifty only.
b	150x10 mm	Each	10.00	58.40 Rs. Fifty eight & paise forty only.
56	Providing and fixing PTMT grating of approved quality and colour.Circular type. 100 mm nominal dia.	each	5.00	43.20 Rs. Forty three & paise twenty only.

57	Providing and fixing PTMT grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole.	each	10.00	50.15 Rs. Fifty and paise fifteen only.
58	Desman tiling doors windows and clerestory windows (steel or wood) shutters including chowkhats, architrage, holdfasts etc. complete and stacking within 50 metres lead: Of area beyond 3 sqm	Each	5.00	89.30 Rs. Eighty nine & paise thirty only.
59	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	2.00	161.90 Rs. One hundred sixty one & paise ninety only.
60	Dismantling stone slab roofing over wooden karries or R.C.C battens (dismantling karries and battens to be paid for separately) including stacking of serviceable material and disposal of unserviceable material within 50 metres lead:	cum	1.00	451.80 Rs. Four hundred fifty one & Paise eighty only.
61 (a)	Providing and fixing Synthetic Curtain for Bed	rmt	53.56	208.10 Rs. Two hundred eight & Paise ten only.
(b)	Providing and fixing Channel for hanging Curtain	Rft	156.00	73.15 Rs. Seventy three & paise fifteen only.
<b>62</b>	<b>Carrage of the following material</b>			
a	Sone Sand (45 km from Koelwar)	cum	15.00	545.80 Rs. Five hundred forty five & paise eighty only.
b	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	3.00	1,593.64 Rs. One thousand five hundred ninety three & paise sixty four only.
c	Bricks (7P+ 1K)	%0	5.49	476.50 Rs. Four hundred seventy six & paise fifty only.
d	Difference of Cost of Bricks	%0	5.49	1088.90 Rs. One thousand eighty eight and paise ninety only.
e	Difference of Cost of Cement	tonn	2.00	818.35 Rs. Eight hundred eighteen & paise thirty five only.



Quoted Rates:

a. ....% above

a- .....% below

b- .....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  
IGIMS, PATNA.

# INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14.

## BILL OF QUANTITY

01	Name of Work	Miscellaneous work at Nursing College in IGIMS, PATNA-14
02	Estimated cost	Rs.3,15,800.00
03	Cost of BOQ	Rs. 750=00
04	Earnest Money Deposited	Rs. 6320=00
05	Time of Completion	30 Days
06	Last date and time of receipt of tender	24/07/2013 up to 4.00 PM at office of the Director, IGIMS, Patna-14.
07	Date and time of opening of Tender	25 /07 / 2013 at 3.00 PM in Conference Hall, IGIMS, Patna.

Sl.No.	Item Description	Unit	Qty.	Rate (In Rs.)
01	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.8% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	Sqm	114.18	783.60 (Rs. Seven hundred eighty three & paise sixty. Only)
02	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	114.18	9.20 (Rs. Nine & twenty paise only)
03	Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coar of approved steel primer, welded and bolted including special shaped washers etc. complete: Hot finished welded type tubes.	Kg	169.80	77.70 (Rs. Seventy seven & seventy paise only)
04	Providing & fixing UV stabilized fiberglass reinforced plastic sheet roofing up to any pitch including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen	Sqm	16.17	932.50 (Rs. Nine hundred thirty two & fifty paise only)

	washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% Ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified 2mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6" ) as specified.			
05	Earth work in excavation in foundation trenches or drains(notexceeding 1.5 m in width or 10 sqm on plan) including dressingof sides and ramming of bottoms, lift upto 1.5 m . includinggetting out the excavated soil and disposal of surplus excavatedsoil as directed, within a lead of 50 m. All Kinds of soil	Cum	14.08	160.60 (Rs. One hundred sixty & sixty paise only)
06	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	Cum	3.23	180.20 (Rs. One hundred eighty & twenty paise only)
07	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	25.81	170.20 (Rs. One hundred seventy & twenty paise only)
08	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand )	Cum	16.89	3230.00 (Rs. Three thousand two hundred thirty only)
09	12 mm cement plaster on rough side of single or half brick wall of mix. 1:3 (1 cement :3 coarse sand)	sqm	132.68	83.30 (Rs. Eighty & thirty paise only)
10	Providing weather coat ( Two Or More Coats) over a coat of Primer All Complete.	sqm	128.70	83.29 (Rs. Eighty three & twenty nine paise only)
11	Carriage of material			
a	Coarse Sand	cum	5.92	545.80 (Rs. Five hundred forty five & eighty paise only)
b	Bricks	%o	6.86	476.50 (Rs. Four hundred seventy six & fifty paise only)
c	Local Sand	cum	3.23	162.76 (Rs. One hundred sixty two & seventy six paise only)
12	providing and fixing aluminium glazed sliding window with 4.00 mm thick glazing of frost glass fitted on aluminium rail all complete as per direction of Ein C	sqm	18.58	2959.00 (Rs. Two thousand nine hundred fifty nine only)
13	Distempering with oil bound washa ble distemper of approved brand and manufacture to give an even shade New work (two or more coats ) over and including priming coat with cement primer	sqm	290.70	48.30 (Rs. Forty eight & thirty paise only)

14	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	290.70	63.80 (Rs. Sixty three & eighty paise only)
15	Mirror polishing on marble work/stone work where ever required to give high gloss finish complete.	sqm	18.58	150.80 (Rs. One hundred fifty & eighty paise only)
16	Extra for providing edge moulding to 18 mm thick marble stone counters, Vanities etc. over item no. 8.2 including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer -in -charge. Marble work	rmt	30.50	123.10 (Rs. One hundred twenty three & ten paise only)
17.	Providing and laying in position cement concrete of specified grade excluding the cost the cost of centering and shuttering all work up to plinth level			
18	1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size	Cum	2.55	3588.90 Rs. Three thousand five hundred eighty eight & paise nine only.

Quoted Rates:

b. ....% above

c- .....% below

d- .....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  
IGIMS, PATNA.**

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

**BILL OF QUANTITY**

01	Name of Work	Repair & Renovation work of Courtyard of Radiology Deptt. at IGIMS, Patna.		
02	Estimated cost	Rs. 90,275/-		
03	Cost of BOQ	Rs. 500/-		
04	Earnest Money Deposited	Rs.1810/-		
05	Time of Completion	15 Days		
06	Last date and time of receipt of tender	24/07/2013 up to 4.00 PM at office of the Director, IGIMS, Patna-14.		
07	Date and time of opening of Tender	25 /07 / 2013 at 3.00 PM in Conference Hall, IGIMS, Patna.		
Sl. No.	Item Description	Unit	Qty.	Rate (In Rs.) Per Unit
1	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	14.00	3,588.90 Rs. Three thousand five hundred eighty eight & paise ninety only.
2	Centring and shuttering including strutting, propping etc. and removal of form for.Foundations, footings, bases of columns etc. for mass concrete	sqm.	10.00	127.66 Rs. One hundred twenty seven & paise sixty six only.
3	Cement plaster in course sand 1:3 (1 cement:3 coarse sand)	sqm.	60.00	94.50 Rs. Ninety four & paise fifty only.
4	Neat cement punning	sqm.	60.00	24.30 Rs. Twenty four & paise thirty only.
5	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	3,230.00 Rs. Three thousand two hundred thirty only.

6	Thermo-Mechanically Treated bars TMTC-500- 10mm dia.	kg	50.00	72.40 Rs. Seventy two & paise forty only.
<b>7 Carriage of the following material</b>				
a	Sone Sand (45 km from Koelwar)	cum	7.00	545.80 Rs. Five hundred forty five & paise eighty only.
b	Stone Aggregate ,(156 Km From Domchch, Koderma	cum	13.00	1,593.64 Rs. One thousand five hundred ninety three & paise sixty four only.
c	Bricks (7P+ 1K)	%o	0.50	476.50 Rs. Four hundred seventy six & paise fifty only only.

Quoted Rates:

c. ....% above

e- .....% below

f- .....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  
IGIMS, PATNA.

