

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY

SI. No.- 04 Tender Notice No.93 (C)/2016-17

SI. No.	Name of the Work :-	Painting ,Renovatoin and Up-gradation of MICU, CCU AND ITS Associated area 1st floor Ward Block at IGIMS, Patna.
1	Estimated Cost (In Rs.) :-	Rs. 7,41,212.00
2	Earnest Money (In Rs.) :-	Rs. 14,900/-
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1,250/-
4	Time of completion :- (In Days)	15 Days
5	Last Date, time & place for submission of tender-	14/05/2016 up to 1:30 PM at office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier.
6	Date and time for opening of tender-(Technical Bid)-	16/05/2016 at 3.30 PM in Conference Hall of IGIMS, Patna
7	Date & Time for opening of Price Bid of technically Suitable bidders.	18/05/2016 at 3:30 PM

SI. No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
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	185.50	11.30	2,096.15
2	Dismantling tile work floor and roofs laid in cement mortar including stacking material within 50 metres lead.	Sqm	178.00	16.10	2,865.80
3	Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	365.00	20.20	7,373.00
4	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches etc. Complete	Sqm	365.00	5.40	1,971.00
5	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	365.00	26.10	9,526.50
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.	125.00	76.40	9,550.00
7	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade	sqm	269.00	50.90	13,692.10
8	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 Motor 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.	199.00	754.20	1,50,085.80
9	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.	sqm	144	1671.9	2,40,753.60
10	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.	sqm	144	-336.8	-48,499.20
11	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.	sqm	144	355.2	51,148.80
12	Renewing glass panes, with putty and nails wherever necessary:Float glass panes weighing 10 kg/m2 (4mm thick glass)	sqm	9.50	621.60	5,905.20
13	Providing and fixing IS:3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screws etc. complete	Each	3.00	756.10	2,268.30
14	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:				-
15	150x10 mm	Each	10.00	66.00	660.00
16	300x10 mm	Each	10.00	114.10	1,141.00
17	Providing and fixing alluminium sliding door bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc.complete: 250x 16 mm	Each	10.00	184.90	1,849.00

18	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	10.00	71.00	710.00
19	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	82.70	827.00
20	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	694.40	2,777.60
21	Providing sal wood work in frame of doors(choukhats) and fixed in position.	Cum	0.20	74774.30	14,954.86
22	Providing and fixing flush door shulter of century board or greenply or kitply have non decorative typecore of block board 32 mm t hick including anodised aluminium butt highest with necessary screws aluminium handle, l-drope, twoer bold etc as per specification of E/S.	Sqm	10.00	2750.92	27,509.20
3	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	20.25	2959.00	59,919.75
23	Providing and fixing vertical blind with rolling track etc all completed	sqft	435.78	235.73	1,02,726.42
PHED WORK					-
24	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. Concealed work, including cutting chases and making good the				-
25	15 mm nominal outer dia Pipes	metre	30.00	241.00	7,230.00
26	20 mm nominal outer dia Pipes	metre	20.00	269.60	5,392.00
27	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.				-
28	20 mm dia nominal bore.	rmt	29.33	207.30	6,080.11
29	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)				-
30	20 mm dia nominal bore.	Each	3.00	154.90	464.70
31	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				-
32	15 mm dia nominal bore.	Each	2.00	463.80	927.60
33	20 mm dia nominal bore.	Each	2.00	542.40	1,084.80
34	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P.brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :Size 450x300x150 mm	Each	2.00	2158.20	4,316.40
35	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia	Each	8.00	81.10	648.80
36	Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low fixtures complete, including cutting and making good the walls andlevel white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and floors wherever required White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	2.00	3035.40	6,070.80
37	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm dia.nominal bore.	each	8.00	497.00	3,976.00
38	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	8.00	670.70	5,365.60
39	Providing and fixing PTMT grating of approved quality and colour.Circular type125 mm nominal dia with 25 mm waste hole.	each	8.00	61.80	494.40
40	Providing and fixing PTMT soap Dish Holder having length of 138mm,breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms	each	4.00	165.60	662.40
41	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms	each	4.00	197.00	788.00
42	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	each	2.00	189.40	378.80
43	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever requireWhite Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	Each	2.00	2120.30	4,240.60
44	Providing and fixing on wall face unplastidsed-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 dia	rmt	10.00	214.20	2,142.00

45	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. 75 mm dia	rmt	10.00	127.40	1,274.00
46	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				-
a	110 mm	Each	20.00	138.65	2,773.00
b	75 mm	Each	15.00	119.80	1,797.00
47	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.				-
(i)	Single tee with door				-
a	110 x110 x110 mm dia PVC	each	4.00	315.90	1,263.60
b	75x75x75 mm dia PVC	each	4.00	228.30	913.20
(ii)	Single tee without door				-
a	110 x110 x110 mm dia PVC	each	4.00	265.50	1,062.00
b	75x75x75 mm dia PVC	each	4.00	203.10	812.40
(iii)	Band 87.5				-
a	110 mm dia PVC	each	4.00	173.70	694.80
b	75x75x75 mm dia PVC	each	4.00	116.50	466.00
48	Mirror polishing on marble work/stone work where ever required to give high gloss finish complete.	sqm	98.00	184.50	18,081.00
Total Amount (Rs.)					7,41,211.89
Say					7,41,212.00

PERMISSIBLE LIMIT UP TO 10% ("HIGH" OR "LOW")

Quoted Rates:

a% above

b% below

cat 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

I.G.I.M.S., Patna