

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

FINANCIAL BID SHEET

SI. No.-03 Tender Notice No.92 (C&E)/E-Tender/2016-17

Sl. No.	Name of the Work		Up gradation work of R.I.O O. T Area at First floor of Polyclinic Block, IGIMS, Patna
1	Estimated Cost (In Rs.)	:-	21,33,934.00
2	Earnest Money (In Rs.)	:-	42,700.00
3	Cost of B.O.Q. (In Rs.)	:-	5,000.00
4	E-tendering fee (Non Refundable) (In Rs.)		1,145.00
5	Time of completion	:-	60 Days
6	Date/ time for obtaining BOQ (Only on www.eproc.bihar.gov.in)		11/04/2016 to 02/05/2016 till 3.00 PM
7	Last date/ time for submission of completed tender :-		02/05/2016 at 3.30 PM Documents (only on www.eproc.bihar.gov.in) (Hard Copy must be submitted in the office of Director, Igims, Sheikhpura, Patna till 3:30 pm
8	Date/ place of opening of tender :-		04/05/2016 at 3.30 PM in Conference Hall of IGIMS, Patna
9	Date/ place of opening of tender (Financial bid only on www.eproc.bihar.gov.in)		Date of opening of price bid of technically viable tender shall be intimated only through www.eproc.bihar.gov.in and on Institute web site www.igims.org.

SUBHEAD:-(A)-REPAIR AND PAINTING WORK

Sl. 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	235.00	11.30	2,655.50
2	Dismantling tile work floor and roofs laid in cement mortar including stacking material within 50 metres lead.	Sqm	217.00	16.10	3,493.70
3	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:In mud mortal	cum	5.00	149.80	749.00
4	Half brick masonry with bricks of class designation 100A in foundations and plinth in :Extra for half Brick masonry in superstructure above plinth level up to floor V level.	Sqm	6.00	538.30	3,229.80
5	Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand)	Sqm	20.00	100.30	2,006.00
6	Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	410.50	20.20	8,292.10
7	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	410.50	5.40	2,216.70
8	Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer	Sqm.	410.50	26.10	10,714.05
9	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.	105.00	76.40	8,022.00
10	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade	sqm	125.00	50.90	6,362.50
11	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.	132.00	754.20	99,554.40
12	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				-
a	Size of Tile 500 x 500 mm. for wall	sqm	102.00	1,433.90	1,46,257.80
13	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.				-
a	Size of Tile 600x600 mm.	sqm	369.00	1,671.90	6,16,931.10
b	Size of Tile 1000x1000 mm	sqm	100.00	2,690.10	2,69,010.00
14	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.	sqm	369.00	-336.80	-1,24,279.20

15	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	369.00	355.20	1,31,068.80
16	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.	4.00	788.60	3,154.40
17	Providing and fixing at all height false ceiling of 12.5 mm thick -tapered edge gypsum board conforming to IS : 2095 including -providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanized in accordance with zinc coating 600 as per IS : 277 and consisting of angle cleats of size 25 mm wide x 16 mm thick with flanges of 22 mm and 27 mm at 1200 mm centre to centre one flange fixed to the ceiling with dash fastener 12.5 mm dia x 40 mm long with 6 mm dia bots to the angle hangers of 25x25x5 mm of required length, and other end of angle hanger being fixed with nut and bots to rate of 1200 mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having clips of 10.5 mm at 450 mm centre to centre shall be fixed in a direction erpendicular to G. I. channel with connecting clips made out of 2.64 mm dia x 230 mm long G. I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long . the perimeter of ceiling fixed to wall / partition with the help of rawl plugs at 450 mm centre to centre with 25 mm long dirve-all screws @ 230 mm interval including jointing and fixing to a flush of tapered and square edges of the gypsum board with recommended filler., paper tapes, finisher and two coats of primer suitable for gypsum board as per manufactures specification and	sqm	100.00	765.50	76,550.00
18	12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.	Sqm	120.00	1,136.90	1,36,428.00
19	Supply & Making of wall Panelling on wall, door frame ,Shutter on 12 mm green ply inclusive of Pasting wooden laminate,Fixing and all other cost incurred in installation i.e taxes, Carriage etc. As per direction of Engineer In-charge.	Sqm	50.00	4,680.60	2,34,030.00
20	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 architectural drawings and the directions of Engineer-in-charge.(GlazingFor fixed portion and panelling to be paid for separately	kg	270.00	354.80	95,796.00
21	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	With float glass panes of 5.50 mm thickness	sqm	30.00	1,013.20	30,396.00
b	With float glass panes of 8 mm thickness	sqm	7.50	1,293.50	9,701.25
22	Providing and fixing 12 mm thick prelaminated three layer medium density (exterior grade) particle board Grade I,Type II conforming to IS : 12823 bonded with phenol formaidhyde synthetic resin, of approved brand and manufacture in panelling fixed in aluminium doors, window shutters and partition frames, with C.P.brass/stainless steel screws etc. complete as per archiectural drawings and directions oa engineer-incharge. 24.2.1 Pre-laminated particle board with decorative lamination on one side and balancing lamination of other side	sqm	33.00	1,055.50	34,831.50
23	Providing sal wood work in frame of doors(choukhats) and fixed in position.	Cum	0.95	74,774.30	71,035.59
24	Supply and fixing flush door partial glass panes including black enamelled M.S. butt hinges with necessary screws.35 mm thick second class teak wood	Sqm	36.00	3,111.60	1,12,017.60

25	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer- in-Charge.	metre	5.50	458.95	2,524.23
26	25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762 mm X 25 mm or less as per requirement with an average wall thickness of 1 mm (± 0.3 mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (± 0.1 mm) 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 25 mm X 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's 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	2.20	2,718.60	5,980.92
27	Providing and fixing vertical blind with rolling track etc all completed	sqft	323.00	235.73	76,140.79
28	Providing and fixing IS:3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screws etc. complete	Each	8.00	756.10	6,048.80
29	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	150x10 mm	Each	10.00	66.00	660.00
b	300x10 mm	Each	10.00	114.10	1,141.00
30	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
31	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
32	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
33	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
	PHED WORK				-
34	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				-
a	15 mm nominal outer dia Pipes	metre	12.00	241.00	2,892.00
b	20 mm nominal outer dia Pipes	metre	5.00	269.60	1,348.00
35	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.				-
a	20 mm dia nominal bore.	rmt	5.00	207.30	1,036.50
36	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)				-
a	20 mm dia nominal bore.	Each	3.00	154.90	464.70
37	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				-
a	15 mm dia nominal bore.	Each	2.00	463.80	927.60
b	20 mm dia nominal bore.	Each	2.00	542.40	1,084.80
38	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	5.00	2,158.20	10,791.00
39	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

40	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 and level 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	1.00	3,035.40	3,035.40
41	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
42	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
43	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
44	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	3.00	165.60	496.80
45	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	3.00	197.00	591.00
46	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
47	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	1.00	2,120.30	2,120.30
48	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 dia	rmt	7.35	214.20	1,574.58
49	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	5.00	127.40	637.00
50	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	15.00	138.65	2,079.75
b	75 mm	Each	10.00	119.80	1,198.00
51	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	3.00	315.90	947.70
b	75x75x75 mm dia PVC	each	3.00	228.30	684.90
(ii)	Single tee without door				-
a	110 x110 x110 mm dia PVC	each	3.00	265.50	796.50
b	75x75x75 mm dia PVC	each	3.00	203.10	609.30
(iii)	Band 87.5				-
a	110 mm dia PVC	each	3.00	173.70	521.10
b	75x75x75 mm dia PVC	each	3.00	116.50	349.50
Total Amount (Rs.)					21,33,933.95
PERMISSIBLE LIMIT UP TO 10% ("HIGH" OR "LOW")					
1	Total Amount of Civil WORK			Rs. :-	21,33,933.95
2	Name of the Bidder			:-	
3	Address of the Bidder			:-	
4	For Civil Work= I/we offer in Figures..... in words..... % (Percentage) High / Less/Estimated rate are mentioned in the Bill of quantity.) Note:- Percentage(%) rate applicable for only on Schedule Items			IN FIG.	
5				IN WORDS	
6				HIGH, Low, As per estimate rate	
				Director, IGIMS, Sheikhpura, Patna - 14	