

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

FINANCIAL BID SHEET

SI. No.- 02 Tender Notice No.87 (C)/E-Tender/2015-16

Sl. No.	Name of the Work		Repair and Painting work of Existing Medical College Building at IGIMS, Patna
1	Estimated Cost (In Rs.)	:-	46,75,953.00
2	Earnest Money (Rs)	:-	94,000.00
3	Cost of B.O.Q. (Rs)	:-	5,000.00
4	E-tendering fee (Non Refundable) (Rs)		1,445.00
5	Time of completion	:-	180 Days
6	1. Date/ time for obtaining BOQ (Only on www.eproc.bihar.gov.in)		22/02/2016 to 15/03/2016 till 3.00 PM
7	4. Last date/ time for submission of completed tender :-		15/03/2016 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	5. Date/ place of opening of tender :-		18/03/2016 at 3.30 PM in Conference Hall of IGIMS, Patna
9	6. 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	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand).	Cum	3	4184	12,552.00
2	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.				-
a	With cement mortar 1:4(1 cement:4 coarse sand)	sqm	1328.77	150.1	1,99,448.38
3	Dismantling tile work floor and roofs laid in cement mortar including stacking material within 50 metres lead.	Sqm	59.7	16.1	961.17
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 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	50	754.2	37,710.00
5	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as white , Ivory , Grey , Fume Red , Brown , laid on 20 mm thick Cement mortar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete	SQM	59.7	788.6	47,079.42
6	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	15	2928.3	43,924.50
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	White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar tap	each	25	1899.9	47,497.50
8	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 :				-
9	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	4	3035.4	12,141.60
10	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe	each	10	1520.8	15,208.00
11	Providing and fixing PTMT bib cock of approved quality and colour.				-
a	15mm nominal bore.	each	45	143.1	6,439.50
12	Providing and fixing PTMT stop cock of approved quality and colour.				-
a	15 mm nominal bore	each	45	143.1	6,439.50
13	Providing and fixing PTMT angle stop cock 15 mm nominal bore,weighing not less than 85 gms	each	30	180.9	5,427.00
14	Cutting holes up to 30x30 cm in walls including making good the same				-
a	With common burnt clay F.P.S. (non modular) bricks	each	200	140.9	28,180.00
15	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.				-
a	15 mm dia nominal bore	rmt	50	166.9	8,345.00
b	20 mm dia nominal bore	rmt	50	207.3	10,365.00
16	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete				-
a	15 mm nominal bore	each	20	129.7	2,594.00
b	25 mm nominal bore	each	29	167.5	4,857.50
17	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	32 mm nominal bore	metre	20	251.1	5,022.00
b	25 mm nominal bore	metre	20	193.8	3,876.00

18	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					-
a	25 mm nominal bore	each	5	463.8		2,319.00
b	32 mm nominal bore	each	5	542.4		2,712.00
19	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :	each	4	484.4		1,937.60
20	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	10 litre capacity - White	each	6	881.3		5,287.80
21	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia	Each	20	81.1		1,622.00
22	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.	Each	20	79.3		1,586.00
23	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	2158.2		4,316.40
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					-
A	15 mm nominal outer dia Pipes	metre	300	241		72,300.00
B	20 mm nominal outer dia Pipes	metre	300	269.6		80,880.00
25	Providing and fixing on wall face unplastidse -PVC (working pressure 4 kg per sqm) rain water/ SOIL WASTE pipes conforming to IS:4985 including jointing with seal ring conforming to IS:5382 leaving 10 mm gap for thermal expansion.					-
a	75 mm diameter	metre	50	127.4		6,370.00
b	110 mm diameter	metre	500	214.2		1,07,100.00
26	Providing and fixing on wall face unplastidse -PVC molded fitting/accessories for unplasticised PVC rain water pipes conforming to S: 4985 including jointing with seal ring conforing to IS:5382 leaving 10 mm gap for thermal expansion.					-
a	Coupler					-
	75 mm	each	20	129.1		2,582.00
	110 mm	each	20	181.2		3,624.00
b	Single tee with door					-
	75 mm	each	20	228.3		4,566.00
	110 mm	each	50	315.9		15,795.00
c	Single tee without door					-
	110 x110 x110 mm dia PVC	each	100	265.5		26,550.00
d	Band 87.5°					-
	75mm bend	each	20	116.5		2,330.00
	110mm bend	each	100	173.7		17,370.00
e	Shoe plain					-
	75 mm shoe	each	20	180.7		3,614.00
	110 mm shoe	each	25	314.73		7,868.25
27	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	each	200	138.65		27,730.00
28	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	150 mm dia. R.C.C. Pipe	each	50	337.1		16,855.00
29	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position					-
a	Sal wood	cum	2.22	74774.3		1,65,998.95
30	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	330	80.8		26,664.00
31	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.	107.48	2750.92		2,95,668.88
32	Providing and fixing M.S. grills of requirment pattern in frames of windows etc. with M.S. flats. Square or round etc. all complete					-
a	Fixed to steel windows by welding	kg	1000	91.5		91,500.00
33	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	150	2959		4,43,850.00
a	fixed to openings/wooden frames with rawl plugs screws	kg	90.72	92.7		8,409.74
34	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including black enamelled M.S. butt hinges with necessary screws excluding.Panelling which will be paid for separately. 30 mm thick	sqm	3.52	1355.4		4,771.01
35	Providing and fixing panelling or panelling and glazing in panelled of panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebates to be measured) panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick					-
a	Klin seasoned and chemically treated hollock wood for 40,35,30,25mm thick shutters	sqm	1.06	1214.2		1,287.05

36	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 transparent 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 fasteners 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 free straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/paneling, C.P. brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing For fixed portion and panelling to be paid for separately)	kg	332.1	354.8	1,17,829.08
37	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 4.0 mm thickness	sqm	29.16	775.7	22,619.41
38	Providing and fixing machine moulded aluminium covering of approved pattern & design, made out of machine cut aluminium sheet and machine holed for receiving dash fastener, over expansion joints on vertical surfaces/ceiling floors, the fixing on plate in one row on one side of joint only shall be done with stainless steel dash fasteners of 8 mm dia and 75 mm long bolt including providing aluminium washers 2 mm thick & 15 mm dia, at a staggered pitch of 200mm centre to centre including drilling holes in the receiving surface and providing expandable plastic sleeves in holes etc. complete as per direction of Engineer-in-charge.				-
a	Anodised aluminium sheet 2.5mm thick (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15	sqm	243	489.1	1,18,851.30
39	Renewing glass panes, with putty and nails wherever necessary: Float glass panes weighing 10 kg/m2 (4mm thick glass)	sqm	73.521	621.6	45,700.65
40	Removing white or colour wash by scrapping and sand paper in and preparing the surface smooth including necessary repair scratches etc. completed	sqm	2947.8	4.2	12,380.76
41	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade :				-
42	New work (Two or more coat applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior	sqm	3607.16	81.7	2,94,704.97
43	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches etc. Complete	Sqm	13000	5.4	70,200.00
44	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	2947	76.4	2,25,150.80
45	Applying one coat of cement primer of approved brand and manufacture on wall surface, Distemper primer	sqm	13000	26.1	3,39,300.00
46	Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	sqm	13000	20.2	2,62,600.00
47	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade, Old wood work (one more coats)	sqm	3157.6	38.7	1,22,199.12
48	FLOORING: P & F flexible PVC Sheet flooring in 2.0 mm sheomess in the size of 2mx20m area classification 23/34/43. Results from independent testing demonstrate that product inherently inhibits the growth of microbial strain MRSA. It shall be homogeneous single layer and monolayer in construction, and shall be manufactured by calendaring and pressing, to ensure a dense & smooth. The flooring shall incorporate a specially formulated polyurethane reinforcement, to give life long polish free maintenance. Homogeneous PVC Vinyl flooring (imported) with total weight 3250 g/m2 polyurethane reinforced 9PUR), Abrasion group: 50.15mm, residual identification approx.01 mm, castor wheel test qualified, dimensional stability EN-434, Static electrical charge < 2kv, impact sound reduction approx, good resistance of scratch, slip, chemical and fire doesn't favour in growth of fungi & bacteria, BRE certified class 'A'	sqm	203.94	1730	3,52,816.20
49	Any Other category of un skilled worker not mentioned above for cleaning of floor etc.	Each	50	184	9,200.00
50	Roof treatment with electrometric membranous bitumen and synthetically polymerized resin coating providing and laying in situ water proofing treatment with ENI roof EMB (Electrometric polymerized coating) in three coeres including priming the surface with ENI roof EMB primer 1:1 to seal the porosity of the substrate coating 1st layer of ENI roof EMB (Non-Commendation Coating) adding 15 % to 20% of water. Embedding non wove Geo synthetic Geo Membranes as reinforcement in 1st coating while the coating is steel green after an interval of 3 to 4 hours, coating primer ENI Roof SPR adding 15 % to 20% of water sprinkling sand to create key plaster curing the coating and plastering to be paid separately all complete job including cost of material and labour including all taxes royalty, charge of all equipment machinery etc, to carry out job as per specification and direction of E/I.	Sqm	1000	518.5	5,18,500.00
51	Cement plaster in course sand 20 mm cement plaster of mix:1:3(1 cement :3 coarse sand)	Sqm.	1000	157.7	1,57,700.00
52	Extra cost for carriage of Material				-
a	Sone Sand (45 km from Koelwar)	Cum	67	690.74	46,279.58
b	Difference of Cost of Cement	tonn	10.5	798.89	8,388.35
GRAND TOTAL AMOUNT (A):-					46,75,952.97

PERMISSIBLE LIMIT UP TO 10% ("HIGH" OR "LOW")		
1	Total Amount of Civil WORK	Rs. :- 46,75,952.97
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