

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA: PATNA-14
BILL OF QUANTITY - 1

<i>Name of the work</i>	Civil Work for Modernization and Up-gradation of Conference Hall in OPD Building 1 st floor at IGIMS, Patna
<i>Estimated cost</i>	Rs;- 9,93,538/-
<i>Cost of BOQ</i>	Rs. 1250/-
<i>Earnest Money Deposited</i>	Rs. 19,900/-
<i>Time of Completion</i>	45 Days
<i>Last date and time of receipt of tender</i>	21 /07 /2015 up to 3.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
<i>Date and time of opening of Tender</i>	23 /07 /2015 at 3.30 PM in Conference Hall, IGIMS, Patna.

SL.No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Taking out doors windows (Steel or Wood) shutters including chowkhats, holfasts etc. Complete and stacking within 50 meters lead.	Each	2.00	108.50
2	Supply and fixing aluminium work for windows with extruded built up standerd tubler section and other section of approve make conforming to IS:733 and IS:1285, fixing with dash fasteners of required dia and size,including necessary filling up gap the gaps at junctions, i.e. at top,bottom and sides with required EPDM rubber/ neoprene gasket etc. perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete.Powder coated aluminium(Minimum thikness of Power coating 50 micron)	Kg	65.00	433.00
3	Supply and fixing glazing in aluminium window work for windows with EPDM rubber/ neoprene gasket etc. Complete as per specifications, drawings and direction of Engineer-in-charge complete.with float glass panes of 5.50mm thikness	Sqm	3.92	1,013.20
4	Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot	Sqm	49.31	1,136.90

	<p>dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main “T” runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross “T” of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main “T” at 600 mm center to center to form a grid of 1200x600 mm and secondary cross “T” of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main “T” runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. 12.5 thick square edge PVC laminated gypsum tile of size 595 x 595 made of gypsum plasterboard , manufactured from natural gypsum as per IS2095 part I and laminated with white 0.16 mm thick water resistant PVC film on the face side & 12 micron metalised polyester on the back side with all edge sealed with the face side PVC film which goes around the wrap the edge and is banded to the edges and the back side metalised polyester film so as to make the tile a completely sealed unit</p>			
5	Supply & fixing of CPVC pipe for Inlet water line for Wash basins , urinol, W.C, including pvc waste fittings ,clamp & all other related cost incurred i.e.			

	Carraige ,taxes etc.			
A	32 mm	m	15.00	406.30
B	20 mm	m	10.00	269.60
C	15 mm	m	10.00	241.00
6	Providing and applying plaster of parish putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	41.70	76.80
7	Primer with ready mixed approved brand and manufacture.	Sqm	41.70	25.20
8	Painting with enamel paint of approved brand and manufacture of required colour: Two or more coat on new work over an under coat of suitable shade of approved colour.	Sqm	41.70	70.40
9	Supply and Making Counter for wash basin of 1st quality kota stone below granite , laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including all other related cost incurred i.e. taxes, carriage etc.Kota (Slab)	Each	1.13	1,123.00
10	Supply and Making Counter for wash basin of 1st quality granite conforming to IS : 15622 of approved make in colours Grey, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including, Moulding, Making hole for In-Out water supply, Above Toilet Door, and waiste water, pointing the joints with cement and matching pigment etc., complete.Granite (Slab)	Sqm.	1.40	3,319.00
11	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.Granite Work	m	10.00	239.10
	<p>Quoted Rate for Schedule Items:-</p> <p>a-% above</p> <p>b-% below</p> <p>c- .....at estimated cost</p>			

	Non Schedule Item	Unit	Qty.	Rate (In figure & Word)
12	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	74.46	.....
13	Supply & Making of Decorative wall Panelling on wall, 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	22.50	.....
14	Providing and fixing gypsum false ceiling made of GI frame work suspended from the RCC ceiling with GI hangers and necessary rawl plug, soffit cleat and covered from below 12.5 mm thick tapered edge Gypsum Board neatly finishing the joints with paper tape and pointing compound. The ceiling will be made as per specification of India gypsum Ltd. Complete with cut out for light.	Sqm	41.70	.....
15	Supply and laying wooden touch floor tiles 1200x600 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours Ivory & Dark 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. including of all other related cost incurred i.e. carriage, taxes etc.	Sqm	63.33	.....
16	Supply and fixing of wall tiles 300 x 600 conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in colours over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sum including pointing in white cement mixed with pigment of matching shade complete including all other related cost incurred i.e. carriage, taxes etc.	Sqm	17.50	.....
17	Supply & installation of Roman Blinds inclusive of Lace, Eyelet ring, aster and all other cost incurred in installation i.e taxes, freight charge etc.	Sqm	5.12	.....
18	Supply & Fixing of Wall scenery inclusive of Framing and all other cost incurred in installation i.e taxes, freight charge etc.	Each	8.00	.....

19	Supply & fixing of white vitreous Wall Hanging type water closet (European type) Roca or equivalent with seat and lid,Health Foucet, flushing cistern C.P.flush bend with fittings & C.I.brackets ,40mm flush bend, overflow arrangment with specials of standard make and mosquito proof coupling of approved municipala design complete including painting of fittings and brackets, cutting and making good the wall and Floors wherever required including all other related cost incurred i.e. carriage, taxes etc.	No	1.00	.....
20	Supply & fixing White colour wash basin (Roca or eqivalent) with 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 required	No	1.00	.....
21	Supply & fixing of Chic Urinal of Roca or equivalent (backside inlet) size- 610 x 390 x 370 mm with Presmatic valve including pvc waste fittings ,clamp & all other related cost incurred i.e. Carraige ,taxes etc.	No	1.00	.....
22	Supply & fixing of 110 mm supreme pipe for Waste & sewerage water line for Wash basins , urinol, W.C, all complete.	Rm	30.00	.....
23	Supply & fixing fitting all complte as per specification/direction of Engineer in-Charge.			.....
A	110 mm vent cowel	Each	1.00	.....
B	110 mm door bend	Each	2.00	.....
C	110 mm plain bend	Each	2.00	.....
D	110 mm pipe clip	Each	10.00	.....
E	110 x 110 mm dia door tee	Each	2.00	.....
F	111 x 110 mm dia door tee	Each	2.00	.....
24	Supply & fixing Towel rail complete with brackets fixed to wooden cleats with C.P brass screws with concealed fitting arangement of approved quality and colour. (Make- Jaquar) Square/ Ring type	Each	1.00	.....
25	Supply & fixing toilet paper holder (Make- Jaquar OR its equivalant	Each	1.00	.....

26	Supply & fixing 6 mm thick Mirror of superior quality glass of required shape and size with strud of approvedmake and shade on 19mm thick Ply board backing including other related cost incurred.	Sqm	0.20	.....

NOTE:- Contractors are requested to quote their rates % above / % below / at estimated rate For Schedule Item (From Sl. No. 1 to 11) and Item wise rate for Non- Schedule Item (From Sl. No. 12 to 26)

- 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

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA: PATNA-**14****BILL OF QUANTITY - 2**

<i>Name of the work</i>	Civil Work for Modernization and up-gradation of Administrative Section in OPD Building 1 st Floor at IGIMS, Patna
<i>Estimated cost</i>	Rs;- 9,71,249/-
<i>Cost of BOQ</i>	Rs. 1250/-
<i>Earnest Money Deposited</i>	Rs. 19,500/-
<i>Time of Completion</i>	45 Days
<i>Last date and time of receipt of tender</i>	21 /07 /2015 up to 3.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
<i>Date and time of opening of Tender</i>	23 /07 /2015 at 3.30 PM in Conference Hall, IGIMS, Patna.

SL. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Taking out doors windows (Steel or Wood) shutters including chowkhats, holfasts etc. Complete and stacking within 50 meters lead.	Each	10.00	108.50
2	Providing and applying plaster of parish putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	137.14	76.80
3	Primer with ready mixed approved brand and manufacture.	Sqm	349.84	25.20
4	Painting with enamel paint of approved brand and manufacture of required colour: Two or more coat on new work over an under coat of suitable shade of approved colour.	Sqm	349.84	70.40

5	Supply and fixing aluminium work for windows with extruded built up standard tubular section and other section of approved make conforming to IS:733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up gap the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete. Powder coated aluminium (Minimum thickness of Power coating 50 micron)	Kg	105.00	433.00
6	Supply and fixing glazing in aluminium window work for windows with EPDM rubber/ neoprene gasket etc. Complete as per specifications, drawings and direction of Engineer-in-charge complete. with float glass panes of 5.50mm thickness	Sqm	8.64	1,013.20
7	Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be	Sqm	93.63	1,136.90

	<p>suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. 12.5 thick square edge PVC laminated gypsum tile of size 595 x 595 made of gypsum plasterboard, manufactured from natural gypsum as per IS2095 part I and laminated with white 0.16 mm thick water resistant PVC film on the face side & 12 micron metalised polyester on the back side with all edge sealed with the face side PVC film which goes around the wrap the edge and is banded to the edges and the back side metalised polyester film so as to make the tile a completely sealed unit</p>			
8	Mirror polish on marble work/stone work wherever required to give gloss finish complete.	Sqm	160.47	184.50
	<p>Quoted Rate for Schedule Items:-</p> <p>a-% above</p> <p>b-% below</p> <p>c- .....at estimated cost</p>			
	Non Schedule Item	Unit	Qty.	Rate (In Figure & Word)
9	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	85.40	.....

10	Supply & Making of Decorative wall Panelling on wall ,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	36.34	.....
11	Providing and fixing gypsum false ceiling made of GI frame work suspended fdrom the RCC ceiling with GI hangers and necessary rawl plug , sofit cleat and covered from below 12.5 mm thick tapered edge Gyspem Board naetly finishing the joints with paper tape and pointing compound. The ceiling will be made as per specification of India gypsum Ltd. Complete with cout out for light.	Sqm	37.00	.....
12	Supply & installation of Roman Blinds inclusive of Lace,Eyelet ring,aster and all other cost incurred in installation i.e taxes, fright charge etc.	Sqm	8.64	.....
13	Supply & Fixing of Wall scenary inclusive of Framing and all other cost incurred in installation i.e taxes, fright charge etc.	Each	8.00	.....

NOTE:- Contractors are requested to quote their rates % above / % below / at estimated rate For Schedule Item (From Sl. No. 1 to 8) and Item wise rate for Non- Schedule Item (From Sl. No. 9 to 13)

- 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

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA: PATNA-14
BILL OF QUANTITIES - 3

1	Name of the work	Electrical work for modernization and up gradation of Conference Hall, in OPD building, 1st floor, at IGIMS, Patna-14
2	Estimated cost	Rs 6, 72,064.00 (Rs. Six lacs Seventy two thousand Sixty four only).
3	Cost of BOQ	Rs.1250.00 (Rs. One thousand, Two hundred fifty only)
4	Earnest Money Deposited	Rs.13,500.00 (Rs. Thirteen Thousand Five Hundred only)
5	Time of Completion	45 days (Forty Five)
6	Last date and time of receipt of tender	21-07-2015 up to 3.30 PM office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier Only.
7	Date and time of opening of Tender	23-07-2015 at 3.30 PM in Conference Hall, IGIMS, Patna

Part-A, SCHEDULE ITEMS

Sl. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	Point	39.00	564.00
2	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	Point	6.00	215.00
3	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	Point	8.00	237.00
4	Wiring for circuit/sub-main wiring along with earth wire with the following size of F.R. P.V.C. insulated copper conductor, single core cable in surface/recessed steel conduit, as required.			
a)	Wiring for Power Plug with 2x2.5+1x2.5 sq mm FR PVC insulated copper conductor.	Mt	28.00	170.00
b)	Wiring for circuit with 2x1.5+1x1.5 sq mm FR PVC insulated copper conductor of As per specification.	Mt	38.00	97.00

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

Non Schedule items Electrical work for modernization and up gradation of Conference Hall, in OPD building, 1st floor, at IGIMS, Patna-14

Part –B, NONSCHEDULE ITEMS

Sl. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.	Each	16.00	
2	Supply & Fixing of ultra modern recess mounting luminaires suitable for Armstrong/grid/POP Ceiling complete with separate electronic driver & high brightness SMD LEDs including fixing etc.with complete accessories (Philips, Havells, Bajaj)	Each	7.00	
3	Supply & Fixing of Wall Mounted adjustable LED Light (5 watt) including cost of wiring, fixing etc. with complete accessories(Philips, Havells, Bajaj)	Each	6.00	
4	Supply & Fixing of Wall Mounted adjustable LED Light (2 watt) including cost of wiring, fixing etc. with complete accessories(Philips, Havells, Bajaj)	Each	8.00	
5	Supply & Fixing of Tray Tube Light 40 watt including cost of Holder, wiring, fixing etc. with complete accessories(Philips, Havells, Bajaj)	Each	20.00	
6	Supply & Installation of Exhaust Fan inclusive of all other related cost incurred in installation i.e. taxes, Carriage etc (Havells, Bajaj)	Each	1.00	
7	Supply & Fixing of Plane Mixing Amplifier Ahuja/Boss SSA 250 DPA including all other related cost incurred or equivalent	Each	1.00	
8	Supply and fixing of Hi-Quality 15W speaker with volume control including cost of wiring Ahuja CS 8151T or equivalent	Each	8.00	
9	Supply and fixing wireless microphone Ahuja AWM 630VG or equivalent	Each	10.00	
10	Supply and fixing hand held wireless microphone Ahuja AWM 490 V2 or equivalent	Each	2.00	
11	Supply and fixing of projector of 270 wt projection size 30-350 inches including of all other related cost incurred.	Each	1.00	
12	Providing & Fixing Wall bracket Fan 400 mm dia. as per specification, all complete as per required.	Each	6.00	
	Air-conditioning			
13	5.5TR Capacity Duct able AC Unit	Each	1.00	
14	Refrigerant Copper piping with nitride foam insulation:			
a)	5.5TR Capacity Duct able AC Unit	Rmt.	10.00	
15	Electrical Copper Cabling	Rmt.	12.00	
16	Supply, installation, testing & Commissioning of 1" dia. thick PVC drain pipes	Rmt.	8.22	
17	Supply & Fixing of Out-door Stand for 5.5TR ODU	Nos.	1.00	

18	Fabrication Supply, installation, testing & Commissioning of sheet metal air distribution system			
a)	22 G Ducting	Sq. Mt.	15.00	
b)	24 G Ducting	Sq. Mt.	45.00	
19	Thermal Insulation with 9mm thick Nitride insulation (Black)(Tail end Only)	Sq. Mt.	20.00	
20	Acoustic lining of duct work with 12mm thick fiberglass and mechanically fastened covered with GI Perforated Sheet.	Sq. Mt.	15.00	
21	Supply & Fixing of Aluminum powder coated Continuous Supply Air Diffuser (With Volume Control Damper)	Sq. Mt.	3.00	
22	Supply & Fixing of Aluminum powder coated Continuous Return Air Diffuser (Without Volume Control Damper)	Sq. Mt.	1.00	
23	Canvass connection between evaporator and ducting	Nos.	1.00	
24	Supply & Fixing of Duct Damper	Sq. Mt.	1.00	
25	Installation Testing & Commissioning: 5.5TR Capacity Duct able AC Unit	Nos.	1.00	

Note: - Contractor are requested to quote their items rates of non scheduled rate.

Signature of Contractors

Superintending Engineer
I.G.I.M.S., Patna

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA: PATNA-14
BILL OF QUANTITIES: 4

1	Name of the work	Electrical work for modernization and up gradation of Administrative section, in OPD building, 1st floor, at IGIMS, Patna-14
2	Estimated cost	Rs 9, 30,604.00 (Rs. Nine lacs Thirty thousand Six hundred four only).
3	Cost of BOQ	Rs.1250.00 (Rs. One thousand, Two hundred fifty only)
4	Earnest Money Deposited	Rs.18,700.00 (Rs. Eighteen Thousand Seven Hundred only)
5	Time of Completion	45 days (Forty Five)
6	Last date and time of receipt of tender	21-07-2015 up to 3.30 PM office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier Only.
7	Date and time of opening of Tender	23-07-2015 at 3.30 PM in Conference Hall, IGIMS, Patna

Part-A, SCHEDULE ITEMS

Sl. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	Point	30.00	564.00
2	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	Point	6.00	215.00
3	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	Point	8.00	237.00
4	Wiring for circuit/sub-main wiring along with earth wire with the following size of F.R. P.V.C. insulated copper conductor, single core cable in surface/recessed steel conduit, as required.			
a)	Wiring for Power Plug with 2x2.5+1x2.5 sq mm FR PVC insulated copper conductor.	Mt	20.00	170.00
b)	Wiring for circuit with 2x1.5+1x1.5 sq mm FR PVC insulated copper conductor of As per specification.	Mt	38.00	97.00

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

Non Schedule items Electrical work for modernization and up gradation of Administrative section, in
OPD building, 1st floor, at IGIMS, Patna-14

Part –B, NONSCHEDULE ITEMS

SI.No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Supply & Fixing of ultra modern recess mounting luminaries suitable for Armstrong/grid/POP Ceiling complete with separate electronic driver & high brightness SMD LEDs including fixing etc. with complete accessories(Make- havells or equivalent)	Each	20.00	
2	Supply & Fixing of Wall Mounted adjustable LED Light (5 watt) including cost of wiring, fixing etc. with complete accessories(Make- Philips/Havells)	Each	6.00	
3	Supply & Fixing of Wall Mounted adjustable LED Light (2 watt) including cost of wiring, fixing etc. with complete accessories(Make- Philips/Havells)	Each	8.00	
4	Supply & Fixing of Tray Tube Light 40 watt including cost of Holder, wiring, fixing etc. with complete accessories(Make- Philips/Havells/Equivalent)	Each	30.00	
5	Air-conditioning			
6	8.5TR Capacity Duct able AC Unit	Each	2.00	
7	Refrigerant Copper piping with nitride foam insulation:			
a)	8.5TR Capacity Duct able AC Unit	Rmt.	20.00	
	Electrical Copper Cabling	Rmt.	24.00	
8	Supply, installation, testing & Commissioning of 1" dia thick PVC drain pipes	Rmt.	10.00	
9	Supply & Fixing of Out-door Stand for 8.5TR ODU	Nos.	2.00	
10	Fabrication Supply, installation, testing & Commissioning of sheet metal air distribution system			
a)	a. 22 G Ducting	Sq. Mt.	25.00	
b)	b. 24 G Ducting	Sq. Mt.	80.00	
11	Thermal Insulation with 9mm thick Nitride insulation (Black)(Tail end Only)	Sq. Mt.	40.00	
12	Acoustic lining of duct work with 12mm thick fiberglass and mechanically fastened covered with GI Perforated Sheet.	Sq. Mt.	25.00	
13	Supply & Fixing of Aluminum powder coated Continuous Supply Air Diffuser (With Volume Control Damper)	Sq. Mt.	5.00	
14	Supply & Fixing of Aluminum powder coated Continuous Return Air Diffuser (Without Volume Control Damper)	Sq. Mt.	2.00	
15	Canvass connection between evaporator and ducting	Nos.	2.00	
16	Supply & Fixing of Duct Damper	Sq. Mt.	2.00	
	Installation Testing & Commissioning:			
17	8.5TR Capacity Duct able AC Unit with wiring & swath.	Nos.	2.00	

Note: - Contractor are requested to quote their items rates of non scheduled rate.

Signature of Contractors

Superintending Engineer
I.G.I.M.S., Patna

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA: PATNA-14
BILL OF QUANTITIES: 5

1	Name of the work	Electrical work of construction between ward block area at, I.G.I.M.S. Patna
2	Estimated cost	Rs 3, 15,559.00.00 (Rs. Three lacs, Fifteen thousand, Five hundred, fifty nine only.
3	Cost of BOQ	Rs.750.00 (Rs. Seven hundred fifty only)
4	Earnest Money Deposited	Rs.6,400.00 (Rs. Thirteen Thousand Five Hundred Thirty only)
5	Time of Completion	30 days (Thirty)
6	Last date and time of receipt of tender	21-07-2015 up to 3.30 PM office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier Only.
7	Date and time of opening of Tender	23-07-2015 at 3.30 PM in Conference Hall, IGIMS, Patna

Part-A, SCHEDULE ITEMS

Sl. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.			
2	Group -C	point	38.00	718.00
3	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required			
4	2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	MT	130.00	106.00
a)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	MT	153.00	131.00
b)	2 x 4 sq.mm. + 1x4 sq.mm. earth wire	mt	280.00	162.00
	4 x 16 sq.mm + 2 x 16 sq.mm earth wire	MT	142.00	883.00
	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	Each	10.00	303.00
	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	Each	4.00	395.00
	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	12.00	284.00
	Supplying and fixing following way prewired TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar,			

	detachable gland plate, interconnections, powder painted including earthing etc. as required.(But without MCB/ RCCB/ Isolator)			
	8 way (4 + 24), Double door	Each	2.00	10405.00
	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
	Single Pole	Each	48.00	169.00
	Triple pole and neutral	Each	2.00	887.00
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	6.00	954.00
	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	20.00	43.00
	Supplying and fixing batten/angle holder including connection etc. as required.	Each	6.00	28.00
	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	12.00	95.00
	Supplying and fixing mounting rail/box type fitting complete with copper ballast 4' x 40 watt florescent lamp etc. directly on ceiling/wall, including connection with 1.5 sq mm FR PVC insulated copper conductor cable etc. as required.			
	Single	Each	20.00	487.00

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

Non Schedule items Electrical work of construction between ward block area at, I.G.I.M.S. Patna

Part –B, NONSCHEDULE ITEMS

Sl. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Supply of 1200 mm ceiling fan (As per company price list)	Each	12.00	

Note: - Contractor are requested to quote their items rates of non scheduled rate.

Signature of Contractors

Superintending Engineer
I.G.I.M.S., Patna

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA: PATNA-14
BILL OF QUANTITIES: 6

1	Name of the work	Electrical supplying at LIFT machine room in Ward block & Core block at IGIMS , Patna-14
2	Estimated cost	Rs 3, 88,012.00 (Rs. Three lacs Eighty eight thousand Twelve only).
3	Cost of BOQ	Rs.750.00 (Rs. Seven hundred fifty only)
4	Earnest Money Deposited	Rs.7800.00 (Rs. Thirteen Thousand Five Hundred only)
5	Time of Completion	30 days (Thirty Five)
6	Last date and time of receipt of tender	21-07-2015 up to 3.30 PM office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier Only.
7	Date and time of opening of Tender	23-07-2015 at 3.30 PM in Conference Hall, IGIMS, Patna

Part-A, SCHEDULE ITEMS

Sl. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.			
(a)	Above 35 sq. mm and up to 95 sq. mm (clamped with 25x3mm MS flat clamp)	Mt	160.00	70.00
2	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.			
(a)	Above 35 sq. mm and up to 95 sq. mm	Mt	55.00	202.00
3	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required.			
a)	3½ X 70 sq. mm (38mm)	Set	4.00	382.00
4	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and entering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	Set	4.00	4490.00
5	Providing and fixing 6 SWG. G.I. wire on surface or in recess for loop earthing as required	Mt	120.00	35.00
6	Providing and fixing 25mm x5mm tick G.I. strip in 40 mm.dia. GI pipe from earth electrode as required	Mt	30.00	421.00
7	Providing and fixing 25mm x5mm tick G.I. strip in 40 mm.dia. GI pipe from earth electrode as required	Mt	120.00	142.00
8	Supply of 3-1/2 core 70.mm.sq. underground XLPE cable (conforming to IS: 1554 part-1)	Mt	244.40	606.00

Quoted Rates:

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

NOTE: - Contractors are requested to quote their rates % above / % below / at estimated rate
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- 1- Issued to :-
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- 3- Earnest money deposited :-
- 4- Registration No. :-
- 5- Time of completion :-

Signature of Contractors

Superintending Engineer
I.G.I.M.S., Patna

Non Schedule items Electrical work for modernization and up gradation of Conference Hall, in OPD building, 1st floor, at IGIMS, Patna-14

Part –B, NONSCHEDULE ITEMS

Sl. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	SITC of wall mounted iron sheet cubical panel board fabricated in 16 SWG with 200 Amps. 3pole 415 volt 3 phase & neutral aluminum bus- bar chamber, distal VAF meter, including RYB lamp 3 nos single pole MCB containing 1 no. 200 Amps D sine 3 pole , icu 36 KA, 415 volts, MCCB, suitable for isolation manual rotary handle Ics= 100% Icu etc and 2 Nos out going MCCB of each 100 Amps DH 100, 3 pole 415 volts Icu=25 KA (Based on approved rate as per note sheet)	2.00	No.	

Note: - Contractor are requested to quote their items rates of non scheduled rate.

Signature of Contractors

Superintending Engineer
I.G.I.M.S., Patna

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA: PATNA-14
BILL OF QUANTITIES: 7

1	Name of the work	Electrical Renovation work of ENT Dept. at IGIMS, Patna.
2	Estimated cost	Rs 5, 19,556.00 (Rs. Five lacs Nineteen thousand Five hundred Fifty six only).
3	Cost of BOQ	Rs.1250.00 (Rs. One thousand, Two hundred fifty only)
4	Earnest Money Deposited	Rs.10,400.00 (Rs. Ten Thousand Four Hundred only)
5	Time of Completion	45 days (Forty Five)
6	Last date and time of receipt of tender	21-07-2015 up to 3.30 PM office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier Only.
7	Date and time of opening of Tender	23-07-2015 at 3.30 PM in Conference Hall, IGIMS, Patna

Part-A, SCHEDULE ITEMS

Sl. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.			
a)	Group - C	Point	132.00	564.00
2	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	Point	44.00	237.00
3	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Mt	206.00	170.00
4	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required			
a)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Mt	165.00	97.00
5	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	Each	20.00	215.00
6	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (up to 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	5.00	95.00
7	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	Point	10.00	313.00

Quoted Rates:

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

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- 4- Registration No. :-
- 5- Time of completion :-

Signature of Contractors

Superintending Engineer
I.G.I.M.S., Patna

Non Schedule items Electrical Renovation work of ENT Dept. at IGIMS, Patna.

Part –B, NONSCHEDULE ITEMS

Sl. No.	Description of Items	Unit	Quantity	Rate(Rs)
1	Supply & Fixing of Ceiling/Wall Mounted LED Light (12 watt, 6 K) including cost of wiring fixing etc.with complete accessories(Make- Philips/Bajaj/Havells)	Each	72.00	
2	Supply & Fixing of Wall Mounted LED Light (2 watt) including cost of wiring fixing etc. with complete accessories(Make- Philips/Bajaj/Havells)	Each	37.00	
3	Supply & fixing wall mounted LED light (5 watt) including cost of wiring fixing etc with complete accessories (Make- Philips/Bajaj/Havells)	Each	6.00	
4	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	12 Module (200mmX150mm)	Each	13.00	
4	Supply of wall fan	No	5.00	
5	Supply of stabilizer voltage range 130 to 280	No	3.00	
6	Installation charges of AC	No	3.00	
7	SIT&C of AC and R-22 refrigerant having normal cooling suitable for 230 volts, 50 Hz, automatic temperature control & suitable size stabilizer with time delay (1.5 Tr. AC & 04 KVA, stabilizer, in put Voltage -145-280 & output Volts- 200-240) etc as required.	Nos.	3.00	

Note: - Contractor are requested to quots their items rates of non scheduled rate.

Signature of Contractors

Superintending Engineer
I.G.I.M.S., Patna
