

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA PATNA-800014**

**BILL OF QUANTITY/ PRICE BID**

**Sr. No. 1 of NIT No. –IGIMS/EW/65/2015-16**

**Name of work: Provision of Electrical supply at Lift machine room at ward and core Block.**

**Estimated Cost ₹ : 388012/-**

**Cost of B.O.Q. ₹ : 750/-**

**Amount of EMD ₹ : 7761/-**

**Completion period of work: 120 days**

**Last date, time of submission of completed tender: 30/04/2015 up to 16. Hrs**

**Date and time, place of opening the Technical Bid: 01/05/2015 at 15.00 hrs at IGIMS**

**Date and time, place of opening the Financial Bid: will be intimated later to technically qualified bidders**

**Schedule Items:**

Sr. No.	DSR 14	Details & Specification of Item	Unit	Rate in Rs.	Quantity	Amount in Rs.
1		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	7.1.2.	Above 35 sq mm and up to 95 sq mm	Metre	202	55	11110.00

2	7.7.2	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. Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	Metre	70	160	11200.00
3	9.1.23	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3½ X 70 sq. mm (38mm)	each	382	4	1528.00
4	5.4	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 watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required..	Set	4490	4	17960.00
5	5.16	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Metre	35	120	4200.00
6	5.11	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Metre	421	30	12630.00
7	5.15	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Metre	142	120	17040.00
8	BSR-09, 6.14.8	Supplying and laying 70 sq.mm Conductor size 3.5 core PVC/XLPE insulated pVC sheathed, Heavy duty, armoured Electrical cable with aluminium conductor for working voltage upto and including 1100volts (confirms to IS:1554 part - 1)	Metre	606	244.4	148106.40

	Total	223774.40
	Labour cess @ 1%	2237.744
Total for Schedule items		226012.1

Bidders should quote their rate in

- a) ----- % above  
or  
b) ----- % below  
or  
c) At estimated Cost

**For scheduled items.**

Calculated Amount for the Schedule items: ₹

Non Schedule Items: Bidder should quote their minimum item rate for following items and fill the calculated Amount in ₹ as required

Sr. No.	Details and specifications of Item	Unit	Quoted Rate ₹	Quantity	Amount in ₹
1	Supply, Installation, Testing and commissioning of wall mounted iron sheet cubical panel board fabricated in 16 SWG with 200 Amps 3 pole 415 volt 3 phase and neutral Aluminium bus bar chamber, digital VAF meter, indicating lamp R Y B, with 3 nos single pole MCB containing, 1 No. Incoming 200 Amp. and 3 pole, Icu 36 KA 415 volt, MCCB suitable for isolation, manual rotary handle Ics = 100% Icu etc and 2 Nos. Outgoing MCCB of each 100 Amp. DH 100, 3 pole 415 volt Icu= 25 KA (Based on approved rate as per Note sheet page 05) as per page 78.	Each Set		2	
	Total Non schedule Rs.				

Total calculated Amount  
( schedule + non schedule)

₹.

Signature & Seal of the bidder

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA PATNA-800014**

**BILL OF QUANTITY/ PRICE BID**

**Sr. No. 2 of NIT No. –IGIMS/EW/65/2015-16**

**Name of work: Electrical wiring and accessories for installation of reproductive biology**

**Estimated Cost ₹ : 246815/-**

**Cost of B.O.Q. ₹ : 500/-**

**Amount of EMD ₹ : 4937/-**

**Completion period of work: 30 days**

**Last date, time of submission of completed tender: 30/04/2015 up to 16. Hrs**

**Date and time, place of opening the Technical Bid: 01/05/2015 at 15.00 hrs at IGIMS**

**Date and time, place of opening the Financial Bid: will be intimated later to technically**

**qualified bidders**

**Schedule Items:**

Sr. NO.	DSR-14	Description of the Item	Quantity	Unit	Rate ₹	Amount ₹
1	1.10	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)	1.10.3	Group -C	21.00	Each	718.00	15,078.00
2	1.12	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	186.00	Metre	162.00	30,132.00
3	1.14	Wiring for circuit/ submain 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				
a)	1.14.1	2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	85.05	Metre	106.00	9,015.30

b)	1.14.2	2 x 2.5 sq.mm + 1 x 2.5 sq.mm earth wire	66.00	Metre	131.00	8,646.00
4	1.31	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).	8.00	Each	303.00	2,424.00
5	1.32	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.	16.00	Each	395.00	6,320.00
6	2.10	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.		Each		
a)	2.10.1	Single Pole	8.00	Each	169.00	1,352.00
b)	2.10.5	Triple pole and neutral	1.00	Each	887.00	887.00
7	1.36	Supplying and fixing stiff pendent with 300 mm long, 20 mm dia X 1.6 mm thick steel conduit, aluminium cast back plate and brass holder complete, including wiring the down rod with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and painting etc. as required.	7.00	Each	163.00	1,141.00
8	1.44	Installation, testing and commissioning of ceiling fan, is including wiring the down rods of standard length (up to 30cm) with 1.5 sq.mm. FR PVC insulated, copper conductor, single core cable etc. as required.	4.00	Each	95.00	380.00
9	1.41	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required	10.00	Each	91.00	910.00
8	2.18	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 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.	4.00	Each	954.00	3,816.00
9	BSR-09, 1.34	Supplying and fixing batten/angle holder including connection etc. as required.	4.00	Each	28.00	112.00
		Total				80213.30
		Labour Cess @ 1%				802.13
		Total ₹.				81015.43

Bidders should quote their rate in

- a) ----- % above  
or  
b) ----- % below  
or

c) At estimated Cost

For scheduled items.

Calculated Amount for the Schedule items: ₹

**Non Schedule Items:**

Bidder should quote their minimum item rate for following items and fill the calculated Amount in ₹ as required

Sr. No.	Description of the Item	Quantity	Unit	Quoted Rate in ₹	Amount in ₹
1	Supply of LED Tube Light 18 Watt/20 Watt/ 22Watt, with fixture, 1200 mm length along with integeated driver,perfect retrofit for traditional F. tube T-10, Bi pin cap G 13 , voltage-90-300,AC, 50 HZ, power factor greater than 0.95, colour temperature 4000 K-6500K , CRI more than 80, lumens more than 1882, Operating temperature- 20 degree Censu to 60 Degree Censu.	10.00	Each		
2	Supply of Air circulating wall mounted fan (Bajaj / Havells/Crompton) sweep 450mm 1400 rpm M.A.D. 125 cubic meter , 100 watt, 240 volt 50 HZ.	4.00	Each		
3	Installation of Ac and voltage stablizer	3.00	Each		
4	Automatc Voltage Stabliser 4 KVA input 182-270 volt, Output 220 Volt with time delay	3.00	Each		
5	Supply of Split Air conditioner, 1.5 TR capacity 5 star, 240 volt,(Lloyed/ Voltas)	3.00	Each		
Total Quoted Non Schedule items ₹.					

Total calculated Amount  
( schedule + non schedule)

₹.

Signature & Seal of the bidder

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA PATNA-800014**

**BILL OF QUANTITY/ PRICE BID**

**Sr. No. 3 of NIT No. –IGIMS/EW/65/2015-16**

**Name of work:** Electrical wiring and accessories for anaesthesia department of  
Dignostic Block first floor.

**Estimated Cost ₹ : 219031/-**

**Cost of B.O.Q. ₹ : 500/-**

**Amount of EMD ₹ : 4381/-**

**Completion period of work: 90 days**

**Last date, time of submission of completed tender: 30/04/2015 up to 16. Hrs**

**Date and time, place of opening the Technical Bid: 01/05/2015 at 15.00 hrs at IGIMS**

**Date and time, place of opening the Financial Bid: will be intimated later to technically  
qualified bidders**

**Schedule Items:**

Sl.No.	DSR-14	Items	Qty.		Rate	Total
1	1.8.	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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.				
a)	1.8.3	Group-C	46.00	Point	675.00	31,050.00
2	1.12	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC Conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	256.00	MT	162.00	41,472.00
3	1.14	Wiring for circuit/ submain 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				
a)	1.14.1	2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	211.00	MT	106.00	22,366.00

4	1.29	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).	15.00	Each	194.00	2,910.00
5	1.30	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.	8.00	Each	276.00	2,208.00
6	2.10	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.				
a)	2.10.1	Single Pole	24.00	Each	169.00	4,056.00
b)	2.10.5	Triple pole and neutral	1.00	Each	887.00	887.00
7	BSR-09, 1.34	Supplying and fixing batten/angle holder including connection etc. as required.	29.00	Each	28.00	812.00
8	2.18	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 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.	3.00	Each	954.00	2,862.00
9	2.5	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer ) as required .				
a)	2.5.5	8 way (4 + 24), Double door	1.00	Each	5641.00	5,641.00
10	As per approved rate	Insttallation of AC and Voltage Stablizer	2.00	Each	1500.00	3,000.00
11	1.44	Installation, testing and commissioning of ceiling fan, is including wiring the down rods of standard length (up to 30cm) with 1.5 sq.mm. FR PVC insulated, copper conductor, single core cable etc. as required	6.00	each	95.00	570.00
12	2.2.3	Providing and fixing 160 Amp, 16 KA, TP and 16 KA breaking capacity and pole MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.	1.00	Each	4520.00	4,520.00
Total						122354.00
Labour Cess @ 1%						1223.54



		Total Amount Rs.	123577.54
--	--	------------------	-----------

Bidders should quote their rate in

- a) ----- % above  
or  
b) ----- % below  
or  
c) At estimated Cost

For scheduled items.

Calculated Amount for the Schedule items: ₹

**Non Schedule Items:**

Bidder should quote their minimum item rate for following items and fill the calculated Amount in ₹ as required

Sr.No.	Details of Item	Quantity	Unit	Quoted rate in ₹	Amount in ₹
1	Supply of wall mounted fan (Bajaj / Khaitan/Crompton) sweep 400mm , 240 volt 1 phase50 HZ.	6.00	Each		
2	Supply of Split Air conditioner, 1.5 TR capacity 5 star, 240 volt,(Lloyed/ Voltas)	2.00	Each		
3	Automatic Voltage Stabiliser 4 KVA input 182-270 volt, Output 220 Volt with time delay	2.00	Each		
	<b>Total Amount non schedule ₹</b>				

Total calculated Amount  
( schedule + non schedule)

₹.

Signature & Seal of the bidder

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA PATNA-800014**

**BILL OF QUANTITY/ PRICE BID**

**Sr. No. 4 of NIT No. –IGIMS/EW/65/2015-16**

**Name of work: Electrical wiring and accessories for installation of Dental Clinic  
At engineering building.**

**Estimated Cost ₹ : 528428/-**

**Cost of B.O.Q. ₹ : 1250/-**

**Amount of EMD ₹ : 10569/-**

**Completion period of work: 30 days**

**Last date, time of submission of completed tender: 30/04/2015 up to 16. Hrs**

**Date and time, place of opening the Technical Bid: 01/05/2015 at 15.00 hrs at IGIMS**

**Date and time, place of opening the Financial Bid: will be intimated later to technically  
qualified bidders**

**Schedule Items:**

1	1.10	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)	1.10.3	Group -C	63.00	Point	718.00	45,234.00
2	1.12	Wiring for light/power plug with 2 x 4 sq.mm F.R. P.V.C. insulated copper conductor single core cable in surface/ recessed medium class P.V.C. conduit along with 01-No. 04 sq.mm F.R. P.V.C. insulated copper conductor single core cable for loop earthing as required.	412.00	MT	162.00	66,744.00
3	1.14	Wiring for circuit/ submain 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 .				
a)	1.14.1	2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	126.56	MT	106.00	13,415.36
b)	1.14.2	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	172.00	MT	131.00	22,532.00
c)	1.14.3	2 x 4 sq.mm. + 1x4 sq.mm. earth wire	127.00	MT	162.00	20,574.00
d)	1.14.11	4 x 16 sq.mm + 2 x 16 sq.mm earth wire	26.00	MT	883.00	22,958.00

4	1.31	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).	38.00	Each	303.00	11,514.00
5	1.32	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.	33.00	Each	395.00	13,035.00
6	2.10	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.				
a)	2.10.1	Single Pole	50.00	Each	169.00	8,450.00
b)	2.10.5	Triple pole and neutral	2.00	Each	887.00	1,774.00
7	2.8	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)				
a)	2.8.7	8 way (4 + 24), Double door	2.00	Each	10405.00	20,810.00
8	1.44	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.	17.00	Each	95.00	1,615.00
9	1.41	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	48.00	Each	91.00	4,368.00
8	2.18	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 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.	13.00	Each	954.00	12,402.00
9	BSR-09, 1.34	Supplying and fixing batten/angle holder including connection etc. as required.	12.00	Each	28.00	336.00
		Total Rs.				265761.36
		Labour Cess @ 1%				2,657.61
		Total Rs.				<b>2,68,418.97</b>

Bidders should quote their rate in

a) ----- % above  
or

- b) ----- % below  
or  
c) At estimated Cost

For scheduled items.

Calculated Amount for the Schedule items: ₹

**Non Schedule Items:**

Bidder should quote their minimum item rate for following items and fill the calculated Amount in ₹ as required

Sr. No.	Description	Quantity	Unit	Quoted Rate ₹.	Quoted Amount ₹
1	Supply of LED Tube Light 18 Watt/20 Watt/ 22Watt, with fixture, 1200 mm length along with integrated driver, perfect retrofit for traditional F. tube T-10, Bi pin cap G 13 , voltage-90-300,AC, 50 HZ, power factor greater than 0.95, colour temperature 4000 K-6500K , CRI more than 80, lumens more than 1882, Operating temperature- 20 degree Celsius to 60 Degree Celsius	48.00	Each		
2	Supply of split air Conditioner 1.5 TR , 5 Star rating , Lloyed/ Voltas make	3.00	Each		
3	Supply of 4 KVA voltage stabiliser Input 182-270 volt, Output- 220 v with time delay	3.00	Each		
4	Installation charges for split Air Conditioner and Voltage stabiliser.)	3.00	Each		
5	Supply of Ceiling Fan 1200 mm sweep ( Crompton / Havell/ Bajaj/ )	14.00	Each		
6	Supply of Turbo force 450 mm air circulators wall fan , suitable for 230 volts,50 Hz.RPM 1400, Air delivery - 125 cubic meter / minute and peak air velocity - 250 meter / minute	8.00	Each		
Total Rs.					

Total calculated Amount  
( schedule + non schedule)

₹.

Signature & Seal of the bidder

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA PATNA-800014**

**BILL OF QUANTITY/ PRICE BID**

**Sr. No. 5 of NIT No. –IGIMS/EW/65/2015-16**

**Name of work:     Repairing & renovation of Electrical wiring and accessories of  
M.S. Office at ward block 2<sup>nd</sup> floor.**

**Estimated Cost ₹ : 199545/-**

**Cost of B.O.Q. ₹ :     500/-**

**Amount of EMD ₹ : 3991/-**

**Completion period of work: 30 days**

**Last date, time of submission of completed tender: 30/04/2015 up to 16. Hrs**

**Date and time, place of opening the Technical Bid: 01/05/2015 at 15.00 hrs at IGIMS**

**Date and time, place of opening the Financial Bid: will be intimated later to technically  
qualified bidders**

**Schedule Items:**

Sl.No.	DSR-14	Items	Qty.		Rate	Total
1	1.8.	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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.				
b)	1.8.3	Group-C	30.00	Point	675.00	20,250.00
2	1.12	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed mediumclass PVC conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	152.00	MT	162.00	24,624.00
3	1.14	Wiring for circuit/ submain 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				
a)	1.14.1	2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	72.34	MT	106.00	7,668.04
b)	1.14.11	4 x 16 sq.mm + 2 x 16 sq.mm earth wire	55.00	MT	883.00	48,565.00
4	1.23	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				

a)	1.23.1	3 pin 5/6 amps switch.	6.00	Each	33.00	198.00
b)	1.23.4	5/6 amps.5 pin Socketout let	6.00	Each	41.00	246.00
c	1.23.3	15/16 amp switch	4.00	Each	72.00	288.00
d	1.23.5	6 pin 15/16 Amp socket outlet	4.00	Each	83.00	332.00
5	1.29	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).	19.00	Each	194.00	3,686.00
6	1.30	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.	6.00	Each	276.00	1,656.00
7	2.10	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.				
a)	2.10.1	Single Pole	18.00	Each	169.00	3,042.00
8	BSR-2009 2.12.7	Supplying and fixing 50/63 Amps TPN rating 240 volt C series miniature circuit breaker suitable for suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1.00	Each	1460.00	1,460.00
9	2.4	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a)	2.4.5	6 way (4 + 18), Double door	1.00	Each	2636.00	2,636.00
10	1.44	Installation, testing and commissioning of ceiling fan, is including wiring the down rods of standard length (up to 30cm) with 1.5 sq.mm. FR PVC insulated, copper conductor, single core cable etc. as required.	6.00	Each	95.00	570.00
11	1.41	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required	17.00	Each	91.00	1,547.00
12	BSR-09, 1.34	Supplying and fixing batten/angle holder including connection etc. as required.	5.00	Each	28.00	140.00
13	2.18	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 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.	5.00	Each	954.00	4,770.00

		<b>Total</b>	<b>1,21,678.04</b>
		Labour Cess 1%	1,216.78
		Total Rs.	<b>1,22,894.82</b>

Bidders should quote their rate in

- a) ----- % above  
or  
b) ----- % below  
or  
c) At estimated Cost

For scheduled items.

Calculated Amount for the Schedule items: ₹

**Non Schedule Items:**

Bidder should quote their minimum item rate for following items and fill the calculated Amount in ₹ as required

Sr. No.	Description of the item	Quantity	Unit	Quoted rate in ₹	Amount in ₹
1	Supply of LED Tube Light 18 Watt/20 Watt/ 22Watt, with fixture, 1200 mm length along with integrated driver, perfect retrofit for traditional F. tube T-10, Bi pin cap G 13 , voltage-90-300,AC, 50 HZ, power factor greater than 0.95, colour temperature 4000 K-6500K , CRI more than 80, lumens more than 1882, Operating temperature- 20 degree Celsius to 60 Degree Celsius ( As per approved rate))	3.00	Each		
2	supply of LED Slim Panel Light, 36 watt,90-300 volt AC 50 HZ Power Factor 0.9, size 2'x2',suitable for recess mounting / Armstrong ceiling with Extruded aluminium /CRCA powder coated body and high transmittance PMMA Diffuser , Minimum lumens 3000, Operating temperature 20 degree Celsius	9.00	Each		
3	Supply of Turbo force 450 mm air circulators wall fan , suitable for 230 volts,50 Hz.RPM 1400, Air delivery -125 cubic meter / minute and peak air velocity - 250 meter / minute.(As per approved rate of IGIMS)	6.00	Each		
Total Amount of non schedule ₹					

Total calculated Amount  
( schedule + non schedule)

₹.

Signature & Seal of the bidder

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA PATNA-800014**

**BILL OF QUANTITY/ PRICE BID**

**Sr. No. 6 of NIT No. –IGIMS/EW/65/2015-16**

**Name of work: Electrical wiring and accessories for Guest house**

**Estimated Cost ₹ : 293107/-**

**Cost of B.O.Q. ₹ : 750/-**

**Amount of EMD ₹ : 5862/-**

**Completion period of work: 20 days**

**Last date, time of submission of completed tender: 30/04/2015 up to 16. Hrs**

**Date and time, place of opening the Technical Bid: 01/05/2015 at 15.00 hrs at IGIMS**

**Date and time, place of opening the Financial Bid: will be intimated later to technically**

**qualified bidders**

**Schedule Items:**

Sl.No.	DSR-14	Items	Qty.		Rate	Total
1	1.8	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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.				
a)	1.8.3	Group-C	31.00	Each	675.00	20,925.00
2	1.15	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel /PVC conduit including dismantling as required.				
a)	1.15.3	Group-C	153.00	Each	422.00	64,566.00
3	1.12	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ medium class PVC conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	108.00	MT	162.00	17,496.00
4	1.14	Wiring for circuit/ submain 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				



a)	1.14.1	2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	38.00	MT	106.00	4,028.00
b)	1.14.11	4 x 16 sq.mm + 2 x 16 sq.mm earth wire	60.00	MT	883.00	52,980.00
5	1.29	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).	42.00	Each	194.00	8,148.00
6	1.30	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.	24.00	Each	276.00	6,624.00
7	2.10	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.		Each		
a)	2.10.1	Single Pole	48.00	Each	169.00	8,112.00
b)	2.10.5	Triple pole and neutral	2.00	Each	887.00	1,774.00
8	BSR-09, 1.34	Supplying and fixing batten/angle holder including connection etc. as required.	63.00	Each	28.00	1,764.00
9	2.18	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 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.	12.00	Each	954.00	11,448.00
10	BSR-09, 6.3	Supplying and fixing mounting rail/box type fitting complete with copper ballast 4 x 40 watt flouroscent lamp etc. directly on ceiling/wall, including connection with 1.5 sqmm FR PVC insulated copper conductor cable etc. as required. (B.S.R.-2009 rate -page 1, 6.3.1)				
a)	6.3.1	(a) Single	11.00	Each	487.00	5,357.00
11	1.17	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel / PVC conduit as required.				
a)	1.17.1	1 x 1.5 sq. mm	251.00	Meter	22.00	5,522.00
b)	1.17.2	2 x 1.5 sq. mm	33.00	Meter	36.00	1,188.00
c)	1.17.3	3 x 1.5 sq. mm	322.00	Meter	50.00	16,100.00
d)	1.17.21	3 x 4 sq. mm	274.00	Meter	109.00	29,866.00
12	1.33	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	25.00	Each	43.00	1,075.00
13	1.35	Erection of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS lamps per fitting, complete with all accessories including connection etc. as required.	21.00	Each	52.00	1,092.00
14	1.25	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	14.00	Each	284.00	3,976.00

15	1.23	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.					
a)	1.23.1	5/6 amps switch.	154.00	Each	33.00	5,082.00	
b)	1.23.4	3 pin 5/6 amp socket outlet	62.00	Each	41.00	2,542.00	
c)	1.23.5	6 pin 15/16 amp socket outlet	9.00	Each	83.00	747.00	
d)	1.23.6	Telephone socket outlet	9.00	Each	52.00	468.00	
e)	1.23.8	Bell push	8.00	Each	44.00	352.00	
f)	1.23.3	15/16 Amps switch	9.00	Each	72.00	648.00	
16	1322	3 mm thick phenolic laminated sheet.	8000.00	sqcm	0.10	800.00	
		Total					2,72,680.00
		Labour Cess 1%					2,726.80
		Total Rs.					2,75,406.80

Bidders should quote their rate in

- a) ----- % above  
or  
b) ----- % below  
or  
c) At estimated Cost

For scheduled items.

Calculated Amount for the Schedule items: ₹

**Non Schedule Items:**

Bidder should quote their minimum item rate for following items and fill the calculated Amount in ₹ as required

Sr. No.	Details of Item	Quantity	Unit	Quoted rate ₹	Amount ₹
1	Envirmental friendly, energy efficient, aesthetically designed, decorative round moulded body, wall/ceiling light LED fixture with opal diffuser to give glare free light. 10 watt, 6 K Dimension Dia 241mm height 480 mm ( Price list of Havells)	6.00	Each		
	Total Non schedule ₹.				

Total calculated Amount  
( schedule + non schedule)

₹.

Signature & Seal of the bidder