



**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA –
14 (BIHAR)
(Autonomous Institute of Govt. of Bihar)**

BILL OF QUANTITY

Short Tender Notice No. Engg. \140 (E)\ 2017-18

01	Name of the Work	Supply and Laying of Damaged Cable from Main Sub-station to OPD Panel Near Ortho OPD
02	Estimated cost	Rs.7,26,455.00 (Rs. Seven Lacs twenty six thousand four hundred fifty five)
03	Cost of quotation documents	Rs.1250 (one thousand two hundred fifty Only – Non-refundable)
04	Amount of earnest money to be deposited	Rs.14,530.00 (Rupees Fourteen Thousand, Five hundred, thirty only)
05	Time of Completion of job	15 (Fifteen) days
06	Date of receipt of quotation	19/02/2018 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd. /Speed Post /Courier.
07	Date of opening of Tender	20/02 /2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

Sl.No.	Items	Unit	Qty.	Rate
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)	Above 185sq. mm and up to 400sq mm	Meter	301.00	174.00
2	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)	3 ½ X120 sq. mm (45mm)	Each	1.00	500.00
b)	3 ½ X240 sq. mm (62mm)	Each	2.00	989.00
3	Providing, laying and fixing following dia G.I pipe (medium class) in ground complete with G.I fitting including trenching (75 cm deep) and re-felling etc as required.			
a)	100mm dia mm	meter	25.00	948.00
4	Providing and fixing following capacity bus-bar chamber with 4 strips of suitable size made of copper heavy duty complete with all accessories including connection earthing the body etc as required.			
a)	200 Amps.	Nos.	1.00	6360
5	Supplying and fixing wall /floor mounted cubical panel board, fabrication with 16 gauge iron sheet suitable for panel mounted switch disconnect or including bus-bar chamber insulator and painting etc as required.(but without bus-bar copper strip)	Sq. ft.	23.00	1117.00
6	Providing and fixing following rating breaking capacity and pole MCCB in exiting cubicle panel board including drilling holes in cubicle			

	panel, making connection etc as required.			
a)	125 Amps MCCB, 16 KA	Each	1.00	5725.00
7	Supping of 3.5 core 240sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armored electrical cable with aluminum conductor.	meter	301.00	2027.00

Quoted Rate –

A. _____% above.

B. _____% below.

C. **At estimated Cost.**

Note: - Contractors are required to quote their rate % above % below or at estimated cost, in prescribed Format. Tenderer quoting item-wise rate will be rejected.

01. Issued to – Name of Contractor -

02. **Full Address**
.....

03. **E.M.D. Details**

D.D. No.....Date.....Amount.....

04. **Registration Number -**

05. **Time of Completion**

Signature of Contractor with Date

Executive Engineer Electrical

I.G.I.M.S., Patna-14



**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA –
14 (BIHAR)
(Autonomous Institute of Govt. of Bihar)**

**BILL OF QUANTITY
Short Tender Notice No. Engg. \140 (E)\ 2017-18**

01	Name of the Work	Supply and Fixing of LED Flood Light (Replacement of Sodium Vapor Lamp) and Damaged Accessories etc. in Existing 2 Nos. High Mast at IGIMS, Patna
02	Estimated cost	Rs.11,06,605.00 (Rs. Eleven Lacs Six Thousand Six Hundred Five)
03	Cost of quotation documents	Rs.2,500.00 (Two thousand Five hundred Only – Non-refundable)
04	Amount of earnest money to be deposited	Rs.22,133.00 (Rupees Twenty Two Thousand, One hundred, Thirty Three only)
05	Time of Completion of job	15 (fifteen) days
06	Date of receipt of quotation	19/02/2018 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	20/02/2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

SI.No	Items	Unit	Qty.	Rate
1	Supplying and fixing following 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 commission etc. as required.			
a)	50/63 Amps Triple pole and neutral	Each	2.00	1804.00
2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars all complete.	Kg.	125.00	86.00

Quoted Rate –

A. _____ % above.

B. _____ % below.

C. **At estimated Cost.**

Note: - Contractors are required to quote their rate % above % below or at estimated cost, in prescribed Format. Tenderer quoting item-wise rate will be rejected.

01. Issued to – Name of Contractor -

02. **Full Address**
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03. **E.M.D. Details**

D.D. No.....Date.....Amount.....

04. **Registration Number -**

05. **Time of Completion**

Signature of Contractor with Date

**Executive Engineer (Electrical)
I.G.I.M.S., Patna-14**

Non Schedule item

SI No.	Item	Unit	Qty	Rate
1	Supplying and fixing of 3 core 4 sq mm PVC Insulated PVC Round Sheathed copper conductor (flexible) industrial cable 1100 volts conforming to IS 694	Meter	90.00	
2	Supply and fixing of Flood Light 300 watt, voltage 90 to 300 VAC 85 LUM/Watt ingress protection IP 65.	Each	20.00	
3	Complete dismantling, erection & fitting of flexible cable and SS rope charge.	Each	2.00	

NOTE-Tenderer are requested to quote their rates against above (NSI) item.

Signature of Contractor with Date

**Electrical Executive Engineer
IGIMS, Patna**



**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA –
14 (BIHAR)
(Autonomous Institute of Govt. of Bihar)**

**BILL OF QUANTITY
Short Tender Notice No. Engg. \133 (E)\ 2017-18**

01	Name of the Work	Supplying laying jointing , cable and Replacement of damaged MCCB in OPD, New Pvt Ward, Engineering cell, Main Road street light, B-Type, D-Type and Dhanwantri hostel at IGIMS Patna-14
02	Estimated cost	Rs.7,52,082.00 (Rs. Seven Lacs Fifty Two Thousand Eighty Two Only)
03	Cost of quotation documents	Rs1250.00 (Rupees One thousand two hundred fifty Only – Non- refundable)
04	Amount of earnest money to be deposited	15,042.00 (Rs Fifteen thousand forty two Only)
05	Time of Completion of job	15 (fifteen) days
06	Date of receipt of quotation	19/ 02 /2018 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	20/02 /2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

Sl. No.	Items	Unit	Qty.	Rate
1	Providing and fixing following rating and breaking capacity and pole MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.			
a)	125Amps. MCCB,16 KA	Each	11.00	5,725.00
b)	400 Amps. MCCB,35 KA	Each	1.00	26,029.00
c)	630Amps. MCCB,35/50 KA	Each	1.00	29,753.00
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)	Up to 35 sq. mm	Meter	30.00	149.00
b)	Above 35sq. mm and up to 95 sq. mm	Meter	290.00	154.00
c)	Above 95 sq. mm and up to 185 sq. mm	Meter	75.00	159.00
3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.			
a)	Above 120 sq. mm and up to 400 sq. mm	Meter	108.00	206.00
4	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)	Meter	80.00	55.00
b)	Above 95 sq. mm and up to 185 sq. mm (clamped with 25/40x3mm MS flat clamp)	Each	105.00	64.00

5	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 X70 sq. mm (38mm)	Each	2.00	394.00
b)	3½ X120 sq. mm (45mm)	Each	1.00	500.00
c)	3½ X185 sq. mm (57mm)	Each	1.00	804.00
d)	3½ X400 sq. mm (82mm)	Each	1.00	1,389.00
6	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required.			
a)	3½ X25 sq. mm	Each	7.00	1,415.00
b)	3½ X 50 sq. mm	Each	8.00	1,647.00
c)	3½ X120 sq. mm	Each	5.00	2,331.00
d)	3½ X185 sq. mm	Each	1.00	2,632.00
e)	3½ X240 sq. mm	Each	1.00	2,678.00
7	Supplying and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminum conductor cable of 11 kV grade as required			
a)	240 sq. mm	Each	1.00	9,464.00
8	Supplying and making straight through cable jointing with heat shrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminum conductor cable of 11 kV grade as required.			
a)	240 sq. mm	Each	1.00	10,640.00
9	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240volts, 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+12 way double door	Each	8.00	1,846.00
10	Providing and fixing following capacity Bus bar chamber with 4 strips of suitable size made of copper heavy duty complete with all accessories including connection earthing the body etc. as required.			
a)	200 amps	Each	5.00	6,360.00
11	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc			

	as required			
a)	150 mm dia	Meter	10.00	1,416.00
12	Providing Laying and fixing following dai RCC pipe NP2 class (light duty) in ground complete with RCC collars jointing with cement mortal 1:2(1 cement :2 fine sand) including trenching (75 mm deep) and refilling etc as required			
a)	300 mm dia	Meter	30.00	518.00
13	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each	4.00	4,191.00
14	Providing and fixing 25 mm x 5mm GI Strip on surface or in recess for connection etc. as required	Meter	27.00	141.00
15	Supplying of 3.5 core 70 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armored electrical cable with aluminum conductor.	Meter	312.00	703.00
16	Supplying of 3.5 core 120 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armored electrical cable with aluminum conductor.	Meter	105.00	872.00
17	Supplying of 3.5 core 185 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armored electrical cable with aluminum conductor.	Meter	42.00	1,608.00

Quoted Rate –

A. _____% above.

B. _____% below.

C. **At estimated Cost.**

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01. Issued to – Name of Contractor -

02. **Full Address**
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03. **E.M.D. Details**

D.D. No.....Date.....Amount.....

04. **Registration Number -**

05. **Time of Completion**

Signature of Contractor with Date

Executive Engineer (Electrical)

I.G.I.M.S., Patna-14



**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA –
14 (BIHAR)
(Autonomous Institute of Govt. of Bihar)**

**BILL OF QUANTITY
Short Tender Notice No. Engg. \140 (E)\ 2017-18**

01	Name of the Work	Repair & Renovation of Electrical Wiring/ Replacement of Damaged Accessories etc in Old Boys Hostel at IGIMS, Patna-14
02	Estimated cost	Rs.8,87,654.00 (Rs. Eight Lacs Eighty Seven Thousand Six Hundred Fifty Four Only)
03	Cost of quotation documents	Rs1250.00 (Rupees One thousand two hundred fifty Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.17,754.00 (Seventeen Thousand Seven Hundred Fifty Four only)
05	Time of Completion of job	30 (Thirty) days
06	Date of receipt of quotation	19/ 02 /2018 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	20/02 /2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

SI.No.	Items	Unit	Qty.	Rate
1	Wiring for light point/fan point /exhaust fan point/call bell point with 1.5 sq.mm F.R. P.V.C. insulated copper conductor single core cable in surface/recess P.V.C. conduit with piano type switch, phenolic laminated sheet, suitable size Ms /pvc box etc. as required.			
a)	Group-B.	Each	52.00	513.00
2	Rewiring for light point /fan point /exhaust point/call bell point with 1.5 sq.mm F.R. P.V.C. insulated copper conductor single core cable & 1.5 sq mm FR/PVC insulated copper conductor single core as wire in existing surface/recessed P.V.C. conduit including dismantling as required.			
a)	Group-B	Nos.	310.00	320.00
3	Wiring for circuit/sub-main wiring along with earth wire with the following sizes of FR P.V.C. insulated copper conductor, single core cable in surface/recessed pvc conduit, as required.			
a)	2 x 1.5sq.mm + 1 x 1.5sq.mm. earth wire	Meter	112.00	117.00
b)	2 x 2.5sq.mm + 1 x 2.5sq.mm. earth wire	Meter	152.00	150.00
c)	2 x 4sq.mm + 1 x 4 sq.mm. earth wire	Meter	112.00	193.00
d)	4 x 10 sq.mm + 1 x 10 sq.mm. earth wire	Meter	188.00	684.00
4	Supplying and fixing suitable sizes Metal PVC box of 150mmx75mmx60mm deep(nominal size) on surface or in recess with phenolic laminated sheet cover in-front including providing and fixing 5 pin 05/06 amps. Socket outlet and 05/06 amps. Piano type switch connection painting etc. as required.	Each	10.00	199.00
5	Supplying and fixing Metal/PVC box of 180MMX100MMX60MM deep (nominal size) surface or in recess with suitable sizes of phenolic laminated sheet	Each	10.00	313.00

	cover in-front including providing and fixing 6pin 5/6 amps. and 15/16amps. Socket outlet and 15/16 a Piano type switch connection painting etc. as required.			
6	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)	8 way (4 + 24), Double door , horizontal type	Each	4.00	4655.00
7	Supplying and fixing following 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)	6/32 Amps Single Pole	Each	96.00	208.00
b)	50 /63 Amps Triple pole and neutral	Each	4.00	1804.00
8	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connection etc. as.			
a)	5/6 amps. Switch	Each	425.00	32.00
b)	5/6 amps.3 pin Socket out let	Each	115.00	44.00
9	Supply and fixing of metal/PVC box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.			
a)	75 mm X 75 mm X 50 mm deep	Each	38.00	90.00
b)	100 mm X 100 mm X 60 mm deep	Each	42.00	114.00
c)	150 mm X 75 mm X 60 mm deep	Each	32.00	126.00
d)	180 mm X 100 mm X 60 mm deep	Each	24.00	154.00
10	Supplying and fixing single wall mounted 20/22 watt LED type batten fitting complete with electronic driver and LED tube etc directly on wall /ceiling including connection with 1.5 sq mm FR PVC insulated copper conductor and the earthing body etc as required	Each	85.00	2542.00
11	Supplying and drawing following of F.R. P.V.C. insulated copper conductor single core cable in existing surface/recessed P.V.C. conduit, as required.			
a)	3 x 2.5 sq.mm	Meter	655.00	96.00
b)	3 x 4 sq. mm	Meter	720.00	141.00
12	Supplying and fixing batten/angle holder including connection etc. as required.	Each	60.00	48.00
13	Supplying and fixing 2 pin, 6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	81.00	35.00
14	Supplying & fixing of 3 mm thick laminated hyleam sheet	Sq.cm	19500.00	0.15

15	Supply and installation of regular /standard model A.C ceiling fan of 1200 mm sweep including wiring the down rod of standard length (up to 30 cm) with 1.5 sq mm FR PVC insulated copper conductor etc as required	Each	52.00	1943.00
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Quoted Rate –

A. _____% above.

B. _____% below.

C. **At estimated Cost.**

Note: - Contractors are required to quote their rate % above % below or at estimated cost, in prescribed Format. Tenderer quoting item-wise rate will be rejected.

01. Issued to – Name of Contractor -

02. **Full Address**
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03. **E.M.D. Details**

D.D. No.....Date.....Amount.....

04. **Registration Number -**

05. **Time of Completion**

Signature of Contractor with Date

Executive Engineer (Electrical)

I.G.I.M.S., Patna-14



**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA –
14 (BIHAR)
(Autonomous Institute of Govt. of Bihar)**

**BILL OF QUANTITY
Short Tender Notice Notice No. Engg. 1140 (E) 2017-18**

01	Name of the Work	Supply Installation testing & commissioning of Split type Air Condition for Histopathology department., NICU Doctor room, Matron Office, ECG Room, Medical college First floor Lecture hall, & Urban Health Training Centre etc at IGIMS Patna-14
02	Estimated cost	Rs14,99,120.00 (Rs. Fourteen Lacs Ninety Nine Thousand One Hundred Twenty Only)
03	Cost of quotation documents	Rs.2,500.00 (Two thousand Five hundred Only – Non-refundable)
04	Amount of earnest money to be deposited	Rs.29, 983.00 (Rupees Twenty Nine Thousand Nine Hundred Eighty Three. only)
05	Time of Completion of job	15 (fifteen) days
06	Date of receipt of quotation	19/ 02 /2018 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	20/02 /2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

Sl. No.	Items	Unit	Qty.	Rate
1	Supply of Split type 1.5 TR , 5 Star 240 Volts Air Condition	Each	23.00	54,297.25
2	Supply Installation of 4 KVA Voltage Stabilizer input voltage 160-270 Volts Output 220 volts with time delay	Each	23.00	5,133.60
3	Installation charge for Split Air condition	Each	23.00	1,748.00
4	Refrigerant copper pipe 6.4 mm Dia (13 mm thick Nitrile)	Meter	45.00	808.45
5	Refrigerant copper pipe 12.7 mm Dia (13 mm thick Nitrile)	Meter	45.00	1037.88
6	3 core X 2.5 sq mm copper cable	Meter	45.00	128.92
7	25 mm Dia PVC Flexible Drain Pipe	Meter	40.80	76.48

Quoted Rate –

- A. _____% above.
B. _____% below.
C. **At estimated Cost.**

Note: - Contractors are required to quote their rate % above % below or at estimated cost, in prescribed Format. Tenderer quoting item-wise rate will be rejected.

01. Issued to – Name of Contractor -
02. **Full Address**
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D.D. No.....Date.....Amount.....

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05. **Time of Completion**

Signature of Contractor with Date

Executive Engineer (Electrical)

I.G.I.M.S., Patna-14



**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA –
14 (BIHAR)
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**BILL OF QUANTITY
Short Tender Notice No. Engg. \140 (E)\ 2017-18**

01	Name of the Work	Electrical Wiring Work of Academic cell etc. Polyclinic Building First Floor at, I.G.I.M.S. Patna -14
02	Estimated cost	Rs. 9,88,070.00 (Rs.Nine Lacs Eighty Eight Thousand Seventy Only)
03	Cost of quotation documents	Rs1,250.00 (Rupees One thousand two hundred fifty Only – Non- refundable)
04	Amount of earnest money to be deposited	19,762.00 (Nineteen thousand Seven hundred Sixty Two Only)
05	Time of Completion of job	30 (Thirty) days
06	Date of receipt of quotation	19/ 02 /2018 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	20/02 /2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

Sl. No.	Items	Unit	Qty.	Rate
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box a required.			
a)	Group-C	Each	158.00	675.00
2	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.			
a)	2x2.5sq.mm.+ 1x2.5 sq.mm. earth wire	Meter	311.00	150.00
b)	2x4 sq.mm. + 1x4 sq.mm. earth wire	Meter	676.00	193.00
c)	4x6sq.mm + 1x6 sq.mm earth wire	Meter	94.00	451.00
d)	4 x 16sq.mm + 1 x16 sq.mm earth wire	Meter	126.00	1060.00
3	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	446.00
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required			
a)	5/6 Amps switch	Each	60.00	98.00
b)	15/16 Amps switch	Each	50.00	125.00
c)	3 pin 5/6 Amp socket outlet	Each	60.00	120.00
d)	6 pin 15/16 Amps socket	Each	50.00	171.00

5	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	6 Module (200mmX75mm)	Each	50.00	270.00
6	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)	4 way (4 + 12), Double door , horizontal type	Each	2.00	2971.00
b)	4 way (4 + 24), Double door , horizontal type	Each	2.00	4655.00
7	Supplying and fixing following 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)	6/32 Amps Single Pole	Each	72.00	208.00
b)	50 /63 Amps Triple pole and neutral	Each	4.00	1804.00
8	Supplying and Fixing indoor recess mounting 36 watt LED flat panel light luminaries suitable for armstrong / grid ceiling and complete with electronic driven etc. Directly on false ceiling including connection with 1.5 sq mm FR PVC insulated copper conductor cable and earthing the body etc. as required.	Each	24.00	5581.00
9	Supplying and Installation of 400 mm 230 volt A.C Wall /Cabin fan including fixing the bracket ,making connection testing commissioning etc as required.	Each	14.00	2456.00
10	Supplying and fixing single wall mounted 20/22 watt LED type batten fitting complete with electronic driver and LED tube etc directly on wall /ceiling including connection with 1.5 sq mm FR PVC insulated copper conductor and the earthing body etc as required	Each	74.00	2542.00
11	Supply and installation of regulator /standard model A.C ceiling fan of 1200 mm sweep including wiring the down rod of standard length (up to 30 cm)with 1.5 sq mm FR PVC insulated copper conductor etc as required	Each	40.00	1943.00
12	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	16.00	849.00

Quoted Rate –

A. _____ % above.

B. _____% below.

C. **At estimated Cost.**

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01. Issued to – Name of Contractor -

02. **Full Address**
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03. **E.M.D. Details**

D.D. No.....Date.....Amount.....

04. **Registration Number** -

05. **Time of Completion**

Signature of Contractor with Date

Executive Engineer (Electrical)

I.G.I.M.S., Patna-14



**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA –
14 (BIHAR)
(Autonomous Institute of Govt. of Bihar)**

**BILL OF QUANTITY
Short Tender Notice No. Engg. \140 (E)\ 2017-18**

01	Name of the Work	Oil Filtration of 4 Nos Transformers and Replacement of Silica Gel at Main-Substation, Igims, Patna-14
02	Estimated cost	Rs.2, 98,000.00 (Rs. Two Lacs Ninety Eight Thousand only)
03	Cost of quotation documents	Rs.750 (one Seven hundred fifty Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.5,960.00 (Rupees Five Thousand, Nine hundred, Sixty only)
05	Time of Completion of job	7 (Seven) days
06	Date of receipt of quotation	19/02/2018 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	20/02/2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Non Schedule Item

Sl.No.	Items	Unit	Qty.	Rate
1	Filtration of Transformer oil 11kv grade by oil filter plant including BDV test	liters	2400.00	
2	Spray Painting of Transformers with approved T.A Gray paint	Each	4.00	
3	Replacement of Silica gel blue of the transformer to prevent from moisture	Each	4.00	
4	Topping of Fresh Transformer Oil 11kv grade.	liters	900.00	
5	Transportation charge for the filter plant M/C			

NOTE-Tenderer are requested to quote their rates against above (NSI) item.

Signature of Contractor with Date

Executive Engineer (Electrical)

I.G.I.M.S., Patna-14