



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

Tel.: 0612 – 2297631, 2297099; FAX: 0612 – 2297225; Website: www.igims.org; E-Mail:director@igims.org

BILL OF QUANTITY

Short Tender / Quotation Notice No. Engg. \013 (E)\ 2018-19

01	Name of the Work	Electrical Wiring Work of RIO Ward at OPD Building, First Floor, I.G.I.M.S Patna-14
02	Estimated cost	Rs.7,58,381.00 (Rs Seven lacks fifty eight thousand three hundred eighty one only)
03	Cost of quotation documents	Rs.1,250.00 (One thousand Two hundred fifty Only) (Non- refundable)
04	Amount of earnest money to be deposited	Rs.15,170.00 (Rupees Fifteen Thousand, one hundred Seventy Only)
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of quotation	29/ 08 /2018 up to 03.30 PM at office of the Director, IGIMS, Patna-through Regd./Speed Post /Courier.
07	Date of opening of Tender	30/08 /2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

Sl.No.	Item	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 and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.			
a)	Group -C	Each	67.00	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)	2 x 1.5 sq.mm. + 1 x 1.5 sq.mm. earth wire	Meter	124.00	117.00
b)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	90.00	150.00
c)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	862.00	193.00
d)	4 x 16 sq.mm + 1 x 16 sq.mm earth wire	Meter	54.00	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	Each	3.00	446.00

	outlet and 15/16 amps modular switch, connection etc. as required.			
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)	8 way (4 + 24), Double door , horizontal type	Each	1.00	4655.00
5	Supplying and fixing following way surface /recess mounting vertical type415 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 (but without MCB and incomer) as required (Note Vertical type MCB TPDP is normally use where 3 phase outlet are required)			
a)	12way (8 + 36), Double door , vertical type	Each	1.00	10514.00
6	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	60.00	208.00
b)	50 /63 Amps Triple pole and neutral	Each	2.00	1804.00
7	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	9.00	849.00

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	30.00	5581.00
9	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	20.00	2542.00
10	Supplying and fixing 2 pin, 6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	20.00	35.00
11	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	7.00	98.00
b)	15/16 Amps switch	Each	84.00	125.00
c)	3 pin 5/6 Amps socket outlet	Each	27.00	120.00
d)	6 pin 15/16 Amps socket	Each	84.00	171.00
12	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	2 Module (200mmX75mm)	Each	20.00	167.00
b)	6 Module (200mmX75mm)	Each	38.00	270.00
c)	12 Module (200mmX75mm)	Each	2.00	410.00

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

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

Non Schedule item

Sl. No.	Item	Unit	Qty	Rate
<u>1</u>	Supply of 450 mm Turbo Force Air circulator wall fan	Each	20.00	

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)

Tel.: 0612 – 2297631, 2297099; FAX: 0612 – 2297225; Website: www.igims.org; E-Mail:director@igims.org**BILL OF QUANTITY**Short Tender / Quotation Notice No. Engg. \013 (E)\ 2018-19

01	Name of the Work	Electrical Wiring Work of Emergency Trauma Centre at OPD Building, First Floor, I.G.I.M.S Patna-14
02	Estimated cost	Rs.10,27,281.00 (Rs. Ten lakhs, Twenty Seven Thousand Two hundred Eighty One only)
03	Cost of quotation documents	Rs.2500.00 (Rupees Twenty Five hundred Only) (Non- Refundable)
04	Amount of earnest money to be deposited	Rs20,550.00 (Rupees Twenty Thousand, Five hundred Fifty only)
05	Time of Completion of job	15(Fifteen) days
06	Date of receipt of quotation	29/ 08 /2018 up to 03.30 PM at office of the Director, IGIMS, Patna-through Regd./Speed Post /Courier.
07	Date of opening of Tender	30/08 /2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

Sl. No.	Item	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 and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.			
a)	Group -C	Each	76.00	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)	2 x1.5 sq.mm. + 1 x 1.5 sq.mm. earth wire	Meter	108.00	117.00
b)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	1126.00	150.00
c)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	1489.00	193.00

d)	4 x 10 sq.mm + 1 x10 sq.mm earth wire	Meter	16.00	684.00
e)	4 x 16 sq.mm + 1 x16 sq.mm earth wire	Meter	35.00	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	2.00	446.00
4	Supplying and fixing following way 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 (but without MCB and incomer) as required (Note Vertical type MCB TPDP is normally use where 3 phase outlet are required)			
a)	12way (8 + 36), Double door , vertical type	Each	3.00	10514.00
5	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	108.00	208.00
b)	50 /63 Amps Triple pole and neutral	Each	11.00	1804.00
6	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	8.00	849.00
7	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	36.00	2542.00
8	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	12.00	1943.00
9	Supply and installation of 300 mm 230 v a.c exhaust fan in the existing opening including making good the damage connection testing commissioning etc as required.	Each	2.00	2287.00

10	Supplying and fixing 2 pin,6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	54.00	35.00
11	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	6360.00
12	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)	160 Amps, 35 KA	Each	1.00	11275.00
13	Supplying and Fixing wall/floor mounted cubical panel board fabricated with 16 gage iron sheet	Sq. ft.	16.00	1,117.00
14	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	6.00	98.00
b)	15/16 Amps switch	Each	100.00	125.00
c)	3 pin 5/6 Amps socket outlet	Each	24.00	120.00
d)	6 pin 15/16 Amps socket	Each	104.00	171.00
15	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	2 Module (200mmX75mm)	Each	20.00	167.00
b)	6 Module (200mmX75mm)	Each	46.00	270.00
c)	12 Module (200mmX75mm)	Each	2.00	410.00
16	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.			
a)	3½ X50 sq. mm (32mm)	Each	2.00	354.00

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

Electrical Executive Engineer

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

Non Schedule item

Sl. No.	Item	Unit	Qty.	Rate
1	Supply of 4 core 50 Sq mm armoured copper cable	Meter	10.00	
2	Supply of 450 mm Turbo Force Air circulator wall fan	Each	18.00	

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

Electrical Executive Engineer

Signature of Contractor with Date

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

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA – 14 (BIHAR)**

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Tel.: 0612 – 2297631, 2297099; FAX: 0612 – 2297225; Website: www.igims.org; E-Mail:director@igims.org**BILL OF QUANTITY****Short Tender / Quotation Notice No. Engg. \13 (E)\ 2017-18**

01	Name of the Work	Electrical Wiring in Seminar Hall of Anesthesia Department at First floor of Diagnostic Block, I.G.I.M.S, Patna-14
02	Estimated cost	Rs.1,88,497.00 (Rs One lakhs, Eighty Eight Thousand Four hundred Ninety Seven only)
03	Cost of quotation documents	Rs.5,00.00 (Rupees Five hundred Only) (Non- refundable)
04	Amount of earnest money to be deposited	Rs.3,770.00 (Rupees Three Thousand, Seven hundred Seventy Only)
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of quotation	29/08/2018 up to 03.30 PM at office of the Director, IGIMS, Patna-through Regd. /Speed Post /Courier.
07	Date of opening of Tender	30/08/2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

SI.No	Item	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 size GI box etc as required.			
a)	Group -C	Each	7.00	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)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	30.00	150.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	150.00	193.00
3	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	6.00	208.00

b)	50 /63 Amps Triple pole and neutral	Each	1.00	1804.00
4	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	1.00	849.00
5	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	4.00	2456.00
6	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	6.00	98.00
b)	3 pin 5/6 Amps socket outlet	Each	6.00	120.00
c)	15/16 Amps switch	Each	10.00	125.00
d)	6 pin 15/16 Amps socket	Each	10.00	171.00
7	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	12	5581.00
8	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	1 or 2 Module (75 mmX75 mm)	Each	4.00	167.00
b)	6 Module (200 mmX75 mm)	Each	5.00	270.00
c)	8 Module (125 mmX125 mm)	Each	1.00	339.00

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. Tendered 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**

Electrical Executive Engineer

I.G.I.M.S. PATNA

Non schedule item

1	Supplying fitting fixing 2 ton Split AC of standard make including required stabilizer of required capacity of standard make all complete	Each	1.00	
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Signature of Contractor with Date

Electrical Executive Engineer

I.G.I.M.S. PATNA

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA – 14 (BIHAR)**

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01	Name of the Work	Electrical Wiring Work of Medical Record Room of Polyclinic Block First Floor and Replacement of damaged cable for P.G Hostel at IGIMS Patna-14
02	Estimated cost	Rs.3,54,691.00 (Rs Three lakhs, Fifty Four Thousand, Six hundred Ninety one only)
03	Cost of quotation documents	Rs.750.00 (Rupees Seven Hundred Fifty Only) (Non- Refundable)
04	Amount of earnest money to be deposited	Rs.7,100.00 (Rupees Seven Thousand, One hundred only)
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of quotation	29/08/2018 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	30/08 /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 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	Each	26.00	675.00
2	Wiring for circuit/ sub main wiring along with earth wire with the following sizes FRLS PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required			
a)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	120.00	150.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	110.00	193.00
c)	4 x 10 sq.mm + 1 x 10 sq.mm. earth wire	Meter	40.00	684.00

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	24.00	446.00
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)	6 way (4 + 18), Double door , horizontal type	Each	1.00	3660.00
5	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	18.00	208.00
b)	50 /63 Amps Triple pole and neutral	Each	1.00	1804.00
6	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	10.00	2542.00
7	Supply and installation of regulator /standard model A.C ceiling fan of 1200 mm sweep including wiring the down rod of standard length (upto 30 cm)with 1.5 sq mm FR PVC insulated copper conductor etc as required	Each	4.00	1943.00
8	Supplying and fixing 2 pin,6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	10.00	35.00
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	meter	6.00	2456.00
10	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required			
a)	3 pin 5/6 Amps socket outlet	Each	7.00	120.00
11	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	1 or 2 Module (75mm X75mm)	Each	6.00	167.00
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	5.00	849.00

13	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 95 sq. mm and up to 185 sq. mm	Meter	120.00	159.00
14	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 95 sq. mm and up to 185 sq. mm (clamped with 40x3mm MS flat clamp)	Meter	25.00	64.00
15	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.			
a)	3½ X 120 sq. mm (45mm)	Each	2.00	500.00
16	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)	100 mm dia	Meter	10.00	948.00
17	Supplying of 3.5 core 120 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	Meter	150.00	1090.00
18	Supplying and fixing cable route marker with 10cm x 10cm x 5mm thick G.I. plate with inscription there on, bolted/welded to 35mm x 35mm x 6mm angle iron, 60 cm long and fixing the same in ground as required.	Each	6.00	269.00

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

Electrical Executive Engineer

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

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA – 14 (BIHAR)**

(Autonomous Institute of Govt. of Bihar)

Tel.: 0612 – 2297631, 2297099; FAX: 0612 – 2297225; Website: www.igims.org; E-Mail:director@igims.org**BILL OF QUANTITY****Short Tender / Quotation Notice No. Engg. \013 (E)\ 2018-19**

01	Name of the Work	Electrical Wiring Work of Blood Collection Department Behind cash Counter and re-routing of Cable at OPD Terrace Floor,IGIMS,Patna-14
02	Estimated cost	Rs.98,748.00 (Rs Ninety Eight Thousand, Seven Hundred Forty Eight only)
03	Cost of quotation documents	Rs.500.00 (Rupees Five Hundred Only) (Non- Refundable)
04	Amount of earnest money to be deposited	Rs. 2,000.00 (Rupees Two Thousand only)
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of quotation	29/08/2018 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	30/08 /2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

Sl.No.	Item	Unit	Qty.	Rate
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRPVC 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	Each	21.00	675.00
2	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			
a)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	15.00	150.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	20.00	193.00

c)	2x 6 sq.mm + 1 x6 sq.mm earth wire	Meter	25.00	276.00
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	1.00	446.00
4	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+4 way single door	Each	1.00	744.00
5	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	4.00	208.00
b)	40 amps Single pole and neutral	Each	1.00	819.00
6	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	9.00	2542.00
7	Supply and installation of regulator /standard model A.C ceiling fan of 1200 mm sweep including wiring the down rod of standard length (upto 30 cm)with 1.5 sq mm FR PVC insulated copper conductor etc as required	Each	12.00	1943.00
8	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 95sq. mm and up to 185 sq. mm (clamped with25x3mm MS flat clamp)	meter	10.00	64.00
9	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.			
a)	3½ X185 sq. mm (57mm)	Each	2.00	804.00
10	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	2.00	98.00
b)	15/16 Amps switch	Each	2.00	125.00
c)	3 pin 5/6 Amps socket outlet	Each	2.00	120.00
d)	6 pin 15/16 Amps socket	Each	2.00	171.00

11	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	2.00	270.00
12	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 aluminium conductor cable of 1.1 KV grade as required.			
a)	3½ X185 sq. mm	Each	1.00	2632.00
13	3.5 core 185 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	meter	10.00	1608.00

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

Electrical Executive Engineer

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

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA – 14 (BIHAR)**

(Autonomous Institute of Govt. of Bihar)

Tel.: 0612 – 2297631, 2297099; FAX: 0612 – 2297225; Website: www.igims.org; E-Mail:director@igims.org**BILL OF QUANTITY****Short Tender / Quotation Notice No. Engg. \013 (E)\ 2018-19**

01	Name of the Work	Wiring for UPS Connection in Neuro OT, Modular OT, GIS OT and SICU at IGIMS, Patna-14
02	Estimated cost	Rs.3,85,461.00 (Rs Three Lakhs, Eighty Five Thousand four hundred and sixty one only)
03	Cost of quotation documents	Rs.750.00 (Rupees Seven Hundred Fifty Only) (Non- Refundable)
04	Amount of earnest money to be deposited	Rs7,710.00 (Rupees Seven Thousand Seven Hundred Ten only)
05	Time of Completion of job	30 (Thirty) days
06	Date of receipt of quotation	29/08/2018 up to 03.30 PM at office of the Director, IGIMS, Patna-through Regd. /Speed Post /Courier.
07	Date of opening of Tender	30/08 /2018 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

Sl. No.	Item Description	Unit	Qty	Rate
1	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)	4x16 sq.mm+1x16 sq.mm earth wire	Meter	270.00	1,060.00
b)	4x35 sq.mm+1x16 sq.mm earth wire	Meter	15.00	2,003.00
2	Supplying and fixing following rating, 240/415 volts, "c" curve, miniature circuit breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
a)	50/63 amps, Triple pole and neutral	Each	18.00	1,804.00
3	Supplying and fixing 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. (Note: vertical type TPDB is normally used where three phase outlets are required).			

a)	12 way (8+36) , Double door, vertical type	Each	2.00	10,514.00
4	Providing and fixing capacity bus bar chamber with 4 strips of suitable size made of copper, heavy duty, complete with all accessories including connections, earthing the body etc as required.			
a)	300 Amps	Each	2.00	7,858.00

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

Electrical Executive Engineer

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



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

Tel.: 0612 – 2297631, 2297099; FAX: 0612 – 2297225; Website: www.igims.org; E-Mail:director@igims.org

BILL OF QUANTITY

Short Tender / Quotation Notice No. Engg. \013 (E)\ 2018-19

01	Name of the Work	SITC of LT panel for cath lab machine and VRV out door at advanced cardiac centre at second floor, diagnostic building, IGIMS, Patna.
02	Estimated cost	Rs.7,85,800.00 (Rs Seven Lakhs, Eighty Five Thousand Eight hundred only)
03	Cost of quotation documents	Rs.1250.00 (Rupees One Thousand Two Hundred Fifty Only) (Non- Refundable)
04	Amount of earnest money to be deposited	Rs.15,720.00 (Rupees Fifteen Thousand Seven Hundred Twenty only)
05	Time of Completion of job	30 (Thirty) days
06	Date of receipt of quotation	29/08/2018 up to 03.30 PM at office of the Director, IGIMS, Patna-through Regd. /Speed Post /Courier.
07	Date of opening of Tender	30/08 /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.	Non-Schedule Items	Unit	Qty	Rate
1	Supply, Installation, testing And commissioning of Power distribution panel board, fabricated with 16 SWG CRCA suitable for mounted switch gear including 600 Amps aluminum bus bar chamber, Insulator, voltmeter, Ampere meter selector switch indicator lamp (RYB) MCCB lcs=100% icu, confirms to IS/IEC 60947-2 containing following incomer and outgoing MCCB cubical. (a) INCOMER 1 no MCCB 250-630 Amp 4 Pole BREAKING CAPACITY 36KA (L&T, DN3-630D cat no-CM930070000X1 or equivalent) Outgoing 2 Nos. MCCB 160-400 Amp, 4 Pole, Breaking capacity 36 KA(L&T), DN3-400DN, CAT NO-CM930030000X1 or equivalent) 3 Nos. of direct rotary handle(DN3B,DN3 Direct L&T cat No CM998600000 or equivalent) panel painting by 7 tank process only	Each	1.00	

2	Supply, Installation, testing and commissioning of Power distribution panel board, fabricated with 16 SWG CRCA suitable for mounted switch gear including 600 Amps aluminum bus bar chamber, Insulator, voltmeter, Ampere meter selector switch indicator lamp (RYB) MCCB Ics=100% icu, confirms to IS/IEC 60947-2 containing following incomer and outgoing MCCB cubical (a) INCOMER MCCB 160-400 Amp 4 Pole BREAKING CAPACITY 36KA(L&T, DN3-400D cat no-CM93003OOOOX1 or equivalent) Outgoing (1) 4 Nos. each having 4 pole 100-250 Amp, 4 Pole, Breaking capacity 36 KA(L&T), DN2-250DN, CAT NO-CM92151OOOOX1 or equivalent) (2) 8 Nos. each having 4 pole 63-160 Amp 4 pole L&T, Breaking capacity 36KA,(DN2-250DM, CAT NO-CM92152OOOOX1 or equivalent) 1No of direct rotary handle(DN3B,DN3 Direct L&T cat No CM99860OOOO or equivalent) & 12 Nos..of direct rotary handle (DN2Direct L&T cat No CM99829OOOO or equivalent) panel painting by 7 tank process only	Each	1.00	
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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**

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

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

04. **Registration Number** -

05. **Time of Completion**

Signature of Contractor with Date

Electrical Executive Engineer

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