

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES: SHEIKHPURA PATNA-14**BILL OF QUANTITY****Short Tender / Quotation Notice No. Engg. \125 (E) 2017-18**

01	Name of the Work	Power Supply for fire motor pump in front of Administrative building, Administrative block campus lights cable and wiring of one D.B in front of MICU, Ward block first floor at I.G.I.M.S. Patna-14
02	Estimated cost	Rs. 86,232.00 (Rs Eighty Six thousand, Two hundred Thirty two) only
03	Cost of quotation documents	Rs.500.00/- (Rupees Five hundred Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.1,730.00 (Rupees One Thousand, Seven hundred Thirty) only
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of quotation	18/ 09 /2017 up to 11.30 AM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	19/09 /2017 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	4 core 16 sq mm XLPE /PVC insulated PVC sheathed (Heavy duty)armored electrical cable with aluminum conductor	meter	170.00	200.00
2	Fixing and Laying 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)	Up to 35 sq. mm (clamped with 1 mm thick saddle)	meter	115.00	21.00
3	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	55.00	149.00
4	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)	4 X16 sq. mm (28mm)	Each	4.00	255.00
5	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	meter	28.59	1060.00
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	17.00	208.00
b)	40 amps triple pole and neutral	Each	1.00	1705.00
c)	50/63 Amps Triple pole and neutral	Each	1.00	1804.00
7	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

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**BILL OF QUANTITY****Short Tender / Quotation Notice No. Engg. \125 (E) 2017-18**

01	Name of the Work	Supplying and fixing of street light from Old boys hostel to 50 hp motor pump and Director residence street to Dhanwantri hostel at IGIMS Patna -14
02	Estimated cost	Rs. 13,30,935.00 (Rs Thirteen lacs, Thirty thousand, Nine hundred Thirty five) only
03	Cost of quotation documents	Rs2.500.00 (Rupees Two thousand five hundred Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs26,620.00 (Rupees Twenty six thousand, six hundred twenty) only
05	Time of Completion of job	45 (Forty five) days
06	Date of receipt of quotation	18/ 09 /2017 up to 11.30 AM at office of the Director, IGIMS, Patna- through Regd. /Speed Post /Courier.
07	Date of opening of Tender	19 /09/ /2017 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	Supplying And drawing following size of FR PVC insulated copper conductor single core cable in the existing surface /recessed PVC conduit as required			
a)	2 X 2.5 sq mm	Meter	309.17	64.00
2	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of PVC insulated aluminum conductor, single core cable in surface/ recessed medium class PVC conduit as required			
a)	2 x 16sq.mm + 1 x16 sq.mm earth wire	Meter	115.00	187.00
3	3.5 core 25 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armored electrical cable with aluminum conductor.	Meter	489.00	246.00
4	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	451.00	149.00
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)	3.5x25 sq. mm(28 mm)	Each	58.00	257.00
6	Supplying and fixing following 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)	6/32 Amps Single Pole	Each	30.00	208.00
7	Supply and erection of 6 meter height hot-dip galvanized octagonal street light pole with following arm with top dia 70 mm and bottom dia A/F 130 mm made of 3 mm thick sheet along with base plate of			

	size 220x220x12 mm small door opening for junction box mounting and suitable size foundation bolts with template and all complete as required			
a)	Single Arm 1500 mm	Meter	16.00	22703.00
8	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement :3 coarse sand :6 grade stone aggregate 40 mm nominal size) Foundation including excavation and refilling etc as required			
a)	Above 4.5 meter and up to 6.5 meter	Each	16.00	2276.00
9	Supplying and fixing 90 watt LED type street light with die cast Aluminum housing for ingress protection of IP65 and complete with all accessories etc on pole /building including connection with FR PVC insulated copper conductor cable and earthing the body etc. as required.	Each	38.00	17930.00

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 -

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

04. **Registration Number** -
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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

BILL OF QUANTITY

Short Tender / Quotation Notice No. Engg. \125 (E)\ 2017-18

01	Name of the Work	Electrical wiring and lighting work of 8 nos. cabin in main OT and 2 nos. cabin in Histopathology Department Diagnostic block and Electrical civil store behind engineering department at, I.G.I.M.S. Patna -14
02	Estimated cost	Rs. 2,24,332.00 (Rs Two lacs, Twenty four thousand, Three hundred Thirty Two) only
03	Cost of quotation documents	Rs.500.00 (Rupees Five hundred Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.4,490.00 (Rupees Four Thousand, Four hundred Ninety) only
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of quotation	18/ 09 /2017 up to 11.30 AM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	19 /09/ /2017 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 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	34.00	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	90.00	150.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	220.00	193.00
c)	2 x 6 sq mm +1 x 6 sq mm earth wire	Meter	95.00	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	26.00	446.00
4	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	36.00	208.00
b)	40 Amps Single pole and neutral	Each	3.00	819.00
5	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+12way single door	Each	3.00	1170.00
6	Supplying and fixing 2 pin,6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	34.00	35.00
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	2.00	849.00
8	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	19.00	2542.00
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	10.00	2456.00
10	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	5.00	1943.00

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** -
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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

BILL OF QUANTITY

Short Tender / Quotation Notice No. Engg. \125 (E) 2017-18

01	Name of the Work	Replacement of damage panel of gynecology dept. core block, and near room no 116 diagnostic block at IGIMS Patna-14
02	Estimated cost	Rs. 14,94,000.00 (Rs Fourteen lacs, Ninety Four thousand) only
03	Cost of quotation documents	Rs.2,500.00 (Rupees Two Thousand Five hundred) Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.29,880.00 (Rupees Twenty Nine Thousand, Eight hundred, Eighty) only
05	Time of Completion of job	45 (Forty Five) days
06	Date of receipt of quotation	18/ 09 /2017 up to 11.30 AM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	19 /09/ /2017 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 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)	4x16 sq mm +1 x16 sq mm earth wire	meter	59.62	1060.00

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**
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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

Electrical Executive Engineer

IGIMS, Patna

Non schedule item

Sl.No	Item	Unit	Qty.	Rate
1	Supply installation testing & commissioning of iron sheet steel powder distribution panel board , fabricated with 16 SWG iron sheet suitable for draw able mounted switch gear including 600 Amps aluminium bus bar chamber ,insulator, volt meter, Ampere meter Selector switch ,indicator lamp(RYB) MCCB Ics=100% icu,confirms to IS/IEC 60947-2 containing following Incomer and Outgoing MCCB cubicles a) Incomer 1 no. 4 pole MCCB 400 Amps with thermal magnetic release breaking capacity 50 KA suitable for Isolation ,manual rotary version,(Schneider Cat no.LV 540319 or equivalent) and b) Outgoing as per following (1) 4 Nos outgoing each having 4 pole 200 amp MCCB breaking capacity-36 KA suitable for isolation manual rotary version (Schneider cat no. LV 525342 or equivalent) (2) 8 Nos outgoing each having 4 pole 125 amp MCCB breaking capacity-36 KA suitable for isolation manual rotary version (Schneider cat no. LV 516342 or equivalent) Panel painting by 7 tank process only	Each	4.00	

Note: - Tenderers are requested to quotes 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**BILL OF QUANTITY****Short Tender / Quotation Notice No. Engg. \125 (E) 2017-18**

01	Name of the Work	Electrical wiring of physiotherapy department in front of cash counter Administrative building at IGIMS Patna-14
02	Estimated cost	Rs. 89,117.00 (Rs Eighty Nine thousand, One hundred, Seventeen) only
03	Cost of quotation documents	Rs.500.00 (Rupees Five hundred) Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.1,785.00 (Rupees One Thousand, Seven hundred, Eighty five) only
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of quotation	18/ 09 /2017 up to 11.30 AM at office of the Director, IGIMS, Patna- through Regd. /Speed Post /Courier.
07	Date of opening of Tender	19 /09/ /2017 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

Sr.No.	Item	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)	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	230.00	193.00
c)	4 x 16 sq.mm + 1 x16 sq.mm earth wire	Meter	12.00	1060.00
2	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	10.00	446.00
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	24.00	208.00
b)	50/63 Amps Triple pole and neutral	Each	1.00	1804.00
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)	8 way (4 + 24), Double door , horizontal type	Each	1.00	4655.00
5	Supplying and fixing 2 pin,6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	34.00	35.00
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	Each	4.00	849.00

	commissioning etc. as required.			
7	Supplying & fixing of 3 mm thick phenolic laminated sheet	Sq.cm	7000.00	0.15
8	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connection etc. as required			
a)	5/6 amps. One way Switch	Each	20	32.00
b)	Electronic stepped fan regulators piano type	Each	10.00	219.00
9	Supplying and fixing suitable size of Metal/ PVC box 180mm x 100mm x 60 mm deep (nominal size) on surface or in recess with phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 amps. & 15/16 amps. Socket outlet and 15/16 amps piano type switch connection, painting etc. as required.	Each	10	313.00

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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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**BILL OF QUANTITY****Short Tender / Quotation Notice No. Engg. \125 (E)\ 2017-18**

01	Name of the Work	Electrical wiring and Air conditioning work of server room administrative building first floor at, I.G.I.M.S. Patna -14
02	Estimated cost	Rs. 1,90,164.00 (Rs One lacs, Ninety thousand, One hundred Sixty Four) only
03	Cost of quotation documents	Rs.500.00 (Rupees Five hundred Only – (Non- refundable))
04	Amount of earnest money to be deposited	Rs.3,805.00 (Rupees Three Thousand, Eight hundred, Five) only
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of quotation	18/ 09 /2017 up to 11.30 AM at office of the Director, IGIMS, Patna- through Regd. /Speed Post /Courier.
07	Date of opening of Tender	19 /09/ /2017 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	6.00	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 2.5sq.mm. earth wire	Meter	30.00	150.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	60.00	193.00
c)	2 x 6 sq mm +1 x 6 sq mm earth wire	Meter	40.00	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	16.00	446.00
4	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	12.00	208.00
b)	50/63 Amps Triple pole and neutral	Each	2.00	1804.00
5	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)	4way (4 +16), Double door , horizontal type	Each	1.00	2169.00

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	2.00	849.00
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	3.00	5581.00
8	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	3.00	2456.00
9	Supply and installation of 300 mm 230 Volt AC 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 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	3.00	120.00

Quoted Rate –

A. _____% above.

B. _____% below.

C. **At estimated Cost.**

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05. **Time of Completion**

Signature of Contractor with Date

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

Non schedule item

Sl.No.	Items	unit	Qty.	Rate
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	
	Refrigerant pipe			
2	6.4 mm Dia (13 mm thick Nitrile Insulation)	Meter	28.00	
3	12.7 mm Dia (13 mm thick Nitrile Insulation)	Meter	28.00	

Note: - Tenderers are requested to quotes 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

BILL OF QUANTITY

Short Tender / Quotation Notice No. Engg. \125 (E)\ 2017-18

01	Name of the Work	Additional internal wiring and external cable, light and earthing work for proposed medical gas manifold building near mortuary at, I.G.I.M.S. Patna -14
02	Estimated cost	Rs. 10,77,447.00 (Rs Ten lacs, Seventy Seven thousand, Four hundred Forty Seven) only
03	Cost of quotation documents	Rs.2,500.00 (Rupees Two Thousand Five hundred) Only – (Non- refundable)
04	Amount of earnest money to be deposited	Rs.21,550.00 (Rupees Twenty One Thousand, Five hundred, Fifty) only
05	Time of Completion of job	45 (Forty five) days
06	Date of receipt of quotation	18/ 09 /2017 up to 11.30 AM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	19 /09/ /2017 at 3.30 PM
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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 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	9.00	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 1.5 sq.mm + 1 x1.5 sq.mm earth wire	Meter	110.00	117.00
b)	4 x 10 sq.mm + 1 x10 sq.mm earth wire	Meter	60.00	684.00
3	2 core 10 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armored electrical cable with aluminum conductor.	Meter	110.00	132.00
4	Supplying and fixing following 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)	6/32 Amps Single Pole	Each	10.00	208.00
b)	40 Amps Single pole and neutral	Each	1.00	819.00
c)	50/63 Amps Triple pole and neutral	Each	6.00	1804.00
5	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	7.00	744.00

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	6.00	2542.00
7	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	1.00	2287.00
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	2.00	1943.00
9	Supplying and fixing 90 watt LED type street light with die cast Aluminum housing for ingress protection of IP65 and complete with all accessories etc on pole /building including connection with FR PVC insulated copper conductor cable and earthing the body etc. as required.	Each	10.00	17930.00
10	3.5 core 240 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armored electrical cable with aluminum conductor.	meter	305.00	1529.00
11	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	90.00	149.00
b)	Above 185 sq. mm and up to 400 sq. mm	Meter	35.00	174.00
12	fixing and laying 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 185 sq. mm and up to 400 sq. mm (clamped with 40x3mm MS flat clamp)	Meter	270.00	88.00
13	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)	2X10 sq. mm(19 mm)	Each	7.00	158.00
b)	3½ X240 sq. mm(62mm)	Each	2.00	989.00
14	Earthing with Copper earth Plate 600mm x 600mm x 3mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe 2.7 meter long etc with charcoal /cock and salt as required .etc.)	Each	4.00	11703.00
15	Providing and laying 25 mm x 5 mm Copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut bolt spring washer excavation and refilling etc as required pipe from earth electrode, as required.	Meter	48.00	1131.00
16	Providing and fixing 25 mm x 5 mm Copper strip on surface or in recess for connection etc, as required.	Meter	30.00	976.00
17	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	28.00	1416.00
18	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement :3 coarse sand :6 grade			

	stone aggregate 40 mm nominal size) Foundation including excavation and refilling etc as required			
a)	Above 4.5 meter and up to 6.5 meter	Each	6.00	2276.00
19	Providing and making steel pole collar with cement concrete 1:3:6 (1cement : 3 coarse sand 6 grade stone aggregate 20 mm) of specified size and shape including from work ,plastering if required curing etc as required (volume of pole and pipe not to be deducted)	Each	6.00	6132.00
20	Supplying and embedding following dia G.I pipe (medium class) in pole collar / foundation (during casting) for cable entry including bending the pipe to the required shape complete as required			
a)	32 mm dia	meter	18.00	253.00
21	Supplying and fixing pole mounted junction box/fuse box for single phase /2core low wattage street light point with all accessories and connection etc as required	Each	6.00	638.00

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**