



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

(Autonomous Institute of Govt. of Bihar)

BILL OF QUANTITY

Short Tender Notice No. Engg. 122 (Elect)\ 2018-19

01	Name of the Work	Supplying and fixing of cable from Radiology Court yard Panel to Neuro OT Waiting Hall UPS Room at I.G.I.M.S Patna-14
02	Estimated cost	Rs.3,01,143.00(Three lacks one thousands one hundred forty three) only
03	Cost of quotation documents	Rs. 750.00 (Seven hundred and fifty)only
04	Amount of earnest money to be deposited	Rs. 6,030.00 (Six thousands and thirty) only
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 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 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 4 sq.mm. + 1 x 4 sq.mm. earth wire	meter	256.50	200.00
2	providing and fixing following capacity double pole/four pole OFF load changeover switches with side handle operation in sheet enclosure in existing metal board including drilling holes in metal panel making connections etc as required			
a)	100 Amps four pole	Each	1.00	7,814.00
3	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections etc. as required			
a)	25/100 Amp ,16 KA	Each	2.00	3,254.00

4	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)	40 amps single pole and neutral	Each	3.00	729.00
5	Fixing for 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	80.00	29.00
6	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 25 sq. mm (28mm)	Each	10.00	250.00
7	Supplying and fixing wall/floor mounted cubical panel board fabricated with 18 gage 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	6.00	1,314.00
8	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed PVC conduit as required			
a)	4x1.5 sq mm	meter	50.00	79.00
9	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 outlet and complete with connections ,testing and commissioning etc. as required	Each	1.00	996.00
10	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	413.00

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

SI.NO	Item	Unit	Qty	Rate
1	Supply of split type 1.5 TR 5 star 240 volts air condition	Each	1.00	
2	Supply installation of 4 KVA voltage stabilizer input voltage 160-270 volts output 220 volts with time delay	Each	1.00	
3	Installation charge for split air condition	Each	1.00	
4	Refrigerant copper pipe 6.4 mm Dia. (13 mm thick Nitrile)	meter	6.00	
5	Refrigerant copper pipe 12.7 mm Dia (13 mm thick Nitrile)	meter	6.00	
6	3 coreX2.5 sq mm copper cable	meter	6.00	
7	25 mm Dia PVC Flexible drain pipe	meter	6.00	
8	Supply of 4 core 25 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armored electrical cable with copper conductor.	meter	80.00	

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

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)

BILL OF QUANTITY

Short Tender Notice No. Engg. 122 (Elect)\ 2017-18

01	Name of the Work	SIT&C of LT Panel for , Ground Floor at Word Block Building, IGIMS Patna-14
02	Estimated cost	Rs. 10,01,292.00 (Ten lacks one thousands two hundred and ninety two) only
03	Cost of quotation documents	Rs. 2,500.00 (Two thousands five hundred) only
04	Amount of earnest money to be deposited	Rs. 20,030.00 (Twenty thousand thirty) only
05	Time of Completion of job	30 Days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 at 3.30 PM
08	Place of opening of tender	Conference Hall, I.G.I.M.S., Patna-14

Non-Schedule Item

SI.No.	Items	Unit	Qty.	Rate
1	Supply installation testing & commissioning of Power distribution panel board , fabricated with 16 SWG CRCA suitable for drawable mounted switch gear including 600 Amps aluminium bus bar chamber ,insulator, volt meter, Ampere meter Selector switch ,indicator lamp(RYB) MCCB lcs=100% icu, confirms to IS/IEC 60947-2 containing following Incomer and Outgoing MCCB cubicles) A) Incomer MCCB 160-400 AMP 4 Pole breaking capacity 36 KA 4 pole MCCB (L&T, DN3-400D Cat no. CM930030000X1 or equivalent) 01 No. B) 63-160 Amps 36 KA 4 Pole (L&T, DN2-250 Cat no. CM921520000X1 or equivalent) Outgoing – 02 Nos. C) 40-100 AMP 4 pole L&T, Breaking capacity 36 KA, (DN2-250D CAT No:-CM 921530000X1 or equivalent) 10 Nos. D) Direct rotary handle (DN3B, DN3 Direct L&T cat no. CM998600000 or equivalent) & Direct rotary handle (DN2 Direct L&T CAT no. CM998290000 or equivalent) 13 Nos. Panel painting by 7 tank process only.	Each	2.00	

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)

BILL OF QUANTITY

Short Tender Notice No. Engg. \22 (Elect) \ 2018-19

01	Name of the Work	Modernization and electrification work of I.V.F Lab First floor at OPD building, I.G.I.M.S. Patna -14
02	Estimated cost	Rs 4, 48,218.00 (Rs Four lacks, Forty Eight Thousand, Two Hundred Eighteen Only.)
03	Cost of quotation documents	Rs.750.00 (seven hundred fifty Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs. 8970.00 (Rupees Eight Thousand nine hundred seventy) only
05	Time of Completion	20 (Twenty) days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 at 3.30 PM
08	Place of opening of tender	Conference Hall, IGIMS, 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 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	42.00	724.00
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	207.00	161.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	444.00	200.00
c)	4 x 10 sq.mm + 1 x10 sq.mm earth wire	Meter	170.00	593.00
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	Each	42.00	413.00

	pin 5/6 & 15/16 amps modular socket 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	2.00	3702.00
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	48.00	192.00
b)	50 /63 Amps Triple pole and neutral	Each	3.00	1635.00
6	Supplying and Fixing indoor recess mounting 36 watt LED flat panel light luminaries suitable for arm strong / 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	16.00	4023.00
7	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	8.00	2427.00
8	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.	meter	1.00	1483.00
9	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	12.00	81.00
b)	3 pin 5/6 Amps socket outlet	Each	26.00	122.00
10	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 (75mmX75mm)	Each	12.00	180.00
11	Supplying and fixing of batten /angle holder including connection etc as required	Each	10.00	46.00
12	Supplying and fixing of following types lamp in the existing electrical fitting/fixture etc as required			

a)	15 watt led lamp	Each	10.00	302.00
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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-14

Non Schedule item

SI No.	Item	Unit	Qty	Rate
1	Supply of Split type 1.5 TR , 240 Volts Air Condition	Each	1.00	
2	Supply Installation of 4 KVA Voltage Stabilizer input voltage 160-270 Volts Output 220 volts with time delay	Each	1.00	
3	Installation charge for Split Air condition	Each	1.00	

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. 122 (Elect)\ 2018-19

01	Name of the Work	Replacement of Damage Panel at New MNH and New MDH at Residential Complex at IGIMS Patna-14
02	Estimated cost	Rs. 3,56,821.00 (Three lacks fifty six thousands eight hundred twenty one) only
03	Cost of quotation documents	Rs 750.00(Seven hundred fifty) only
04	Amount of earnest money to be deposited	Rs. 7,140 (Seven thousands one hundred forty) only
05	Time of Completion of job	20 Days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 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 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 10 sq.mm. + 1 x 10 sq.mm. earth wire	Meter	300.00	382.00
b)	4 x 16 sq.mm + 1 x16 sq.mm earth wire	Meter	16.00	879.00
2	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)	40 Amps Single Pole and neutral	Each	60.00	729.00
b)	50 /63 Amps Triple pole and neutral	Each	4.00	1635.00
3	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)	400 Amps	Nos.	2.00	15655.00

4	Supplying and Fixing wall/floor mounted cubical panel board fabricated with 16 Guage iron sheet	Sq.ft	48.00	1,382.00
5	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)	3 X10 sq. mm (22mm)	Each	64.00	211.00

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

SI No.	Item	Unit	Qty	Rate
1	Supply of 100-250 Amps Breaking capacity 36 KA Four pole lcs= 100% lcu suitable for isolation	Each	2.00	

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)

BILL OF QUANTITY

Short Tender Notice No. Engg. \22/ (Elect)\ 2018-19

01	Name of the Work	11KV Line conversion from overhead to underground from main sub-station double pole structure to outside boundary of ETP at I.G.I.M.S Patna-14
02	Estimated cost	Rs. 12,22,976.00 (Twelve lacks twenty two thousands nine hundred seventy six) only
03	Cost of quotation documents	Rs 2,500.00 (Two thousands five hundred) only
04	Amount of earnest money to be deposited	Rs. 24,460.00 (Twenty four thousands four hundred sixty) only
05	Time of Completion of job	07 (Seven) Days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 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 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	428.00	218.00
2	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 aluminium conductor cable of 11 KV grade as required			
a)	240 sq.mm	Each	4.00	17166.00
3	Providing , laying and fixing of 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	32.00	1626.00

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**

Signature of Contractor with Date

Electrical Executive Engineer

I.G.I.M.S. PATNA

Non Schedule item

SI.NO	Item	Unit	Qty	Rate
1	3 core, 240 sq.mm, 11 KV grade, armored power H.T. cable, XLPE insulated with PVC sheathed & aluminum conductor	Meter	428.00	

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

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)

BILL OF QUANTITY

Short Tender Notice No. Engg. \22/ (Elect)\ 2018-19

01	Name of the Work	Electrical additional work of 33 KV Sub-Station behind New medical college at I.G.I.M.S. Patna -14
02	Estimated cost	Rs11,02,696.00 (Rs Eleven lacks, Two thousand, Six hundred ninety six .) 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	Rs. 22,060.00 (Rupees Twenty Two thousand, sixty) only
05	Time of Completion of job	15 (fifteen) days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 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 and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.			
a)	Group -C	Each	25.00	724.00
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 1.5sq.mm. + 1 x 1.5 sq.mm. earth wire	Meter	120.00	130.00
b)	2 x 4sq.mm. + 1 x 4 sq.mm. earth wire	Meter	153.00	200.00

c)	2 x 10sq.mm + 1 x10 sq.mm earth wire	Meter	112.00	382.00
d)	4 x 10sq.mm + 1 x10 sq.mm earth wire	Meter	22.00	593.00
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	8.00	413.00
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	2.00	633.00
b)	2+ 12 way single door	Each	1.00	949.00
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	12.00	192.00
b)	6/32 Amps Single Pole and neutral	Each	7.00	511.00
6	Supplying and fixing 90 watt LED type Flood light with die cast aluminium housing for ingress protection pf IP65 and complete with all accessories etc and connection with FR PVC insulated copper conductor cable and eaerthing the body etc as required		6.00	8501.00
7	Supply and installation of regulator /standard model A.C ceiling fan of 1200 mm sweep including wiring the down rod of standard length (up to 30 cm)with 1.5 sq mm FR PVC insulated copper conductor etc as required	Each	8.00	1618.00
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	135.00	78.00
9	Supplying and fixing stepped type electronic fan regulator on the existing modular plate/ switch box including connection but excluding modular plate as required	Each	8.00	359.00
10	Providing and fixing 25 mm x 5mm copper Strip on surface or in recess for connection etc. as required	meter	170.00	1032.00
11	Erection of metallic pole of following length in cement concrete 1:3:6(1 cement, 3 coarse, 6 graded stone			

	aggregate 40 mm nominal size) foundation, including excavation and refilling as required.			
	Above 10.00 meter and up to 12.00 meter	Each	1.00	3585.00
12	Supply of 3.5 core 120 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	meter	135.00	588.18
13	Supplying and installing following size of perforated painted with powder coating M.S Cable tray with perforation not more than 17.5% in convenient section joined with connector suspended from the ceiling with M.S suspender including bolt and nut suspender etc as required			
a)	600 mm width X 62.5 mm depth X 2mm thickness	meter	44.00	911.00
b)	750 mm width X 62.5 mm depth X 2mm thickness	meter	118.00	1048.00
14	Supplying and installing following size of perforated painted with powder coating M.S Cable tray bend with perforation not more than 17.5% in convenient section joined with connector suspended from the ceiling with M.S suspender including bolt and nut suspender etc as required			
a)	600 mm width X 62.5 mm depth X 2mm thickness	Each	2.00	2763.00
b)	750 mm width X 62.5 mm depth X 2mm thickness	Each	3.00	3327.00
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	489.00
16	Supplying and making outdoor cable end termination jointing with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 33 kV grade as required			
a)	240 Sq mm	Each	2.00	38628.00

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

SI.NO	Item	Unit	Qty	Rate
1	Supplying installation and fixing ST pole 540SP 72 13 meter length for double pole structure in concrete	Each	1.00	
2	Supply installation of un interrupted power system 6 KVA single phase 240 volt for light control	Each	1.00	
3	Supply installation testing & commissioning of Power distribution panel board , fabricated with 16 SWG CRCA suitable for mounted switch gear including 600 Amps aluminum bus bar chamber ,insulator, volt meter, Ampere meter Selector switch ,indicator lamp(RYB) MCCB containing following Incomer and Outgoing MCCB cubicles a) INCOMER 1 no. MCCB 200-250 AMP 4 POLE, BREAKING CAPACITY 36 KA (L&T, DN2-250D CAT NO:-CM92109OOP1OG or equivalent) Outgoing (i) 2 nos. MCCB 100-125AMP 4 POLE ,BREAKING CAPACITY 36 KA (L&T ,DN2-250D CAT NO:-CM92109OOL1OG or equivalent) Outgoing (ii) 4 Nos. MCCB 50-63 Amps 4 POLE, BREAKING CAPACITY 25 KA (L&T, DN0-100C CAT NO:-CM9172OOHOOG or equivalent) 7 nos. of Direct rotary handle (DN2, DN3 Direct L&T cat no. CM998291OOOO or equivalent) Panel painting by 7 tank process only	Each	1.00	

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

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)

BILL OF QUANTITY

Short Tender Notice No. Engg. \22/ (Elect)\ 2018-19

01	Name of the Work	Additional internal wiring in Newly shifted Medical Oncology Day Care, Wiring and AC work in HBCR, PBCR & their toilets at IGIMS Patna -14
02	Estimated cost	Rs.7,77,069.00 (Rs Seven lacks, Seventy Seven thousand Sixty Nine.) only
03	Cost of quotation documents	Rs.1,250.00 (Rupees Seven hundred Fifty) Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.15,550.00 (Rupees Fifteen Thousand, five hundred fifty) only
05	Time of Completion of job	07 (seven) days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 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 and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.			
a)	Group -C	Each	44.00	724.00
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	210.00	161.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	649.00	200.00
c)	4 x 10 sq.mm + 1 x10 sq.mm earth wire	Meter	141.00	593.00
3	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	10.00	81.00

b)	15/16 Amps switch	Each	80.00	134.00
c)	3 pin 5/6 Amps socket outlet	Each	10.00	122.00
d)	6 pin 15/16 Amps socket	Each	80.00	185.00
4	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	6 Module (200mmX75mm)	Each	44.00	275.00
b)	12 Module (200mmX75mm)	Each	4.00	423.00
5	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	72.00	192.00
b)	50 /63 Amps Triple pole and neutral	Each	3.00	1635.00
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)	8 way (4 + 24), Double door , horizontal type	Each	3.00	3702.00
7	Supplying and fixing 2 pin,6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	30.00	42.00
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	15.00	684.00
9	Supplying and fixing indoor recess mounting 36 watt LED flat panel luminaries suitable for Armstrong / grid ceiling and complete with electronic driver etc. directly on false ceiling including connection with 1.5sq.mm FR PVC insulated copper conductor cable and earthing the body etc. as required.	Each	8.00	4023.00
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	3.00	1618.00
11	Supply and installation of 375 mm 230 v a.c exhaust fan in the existing opening including making good the damage connection testing commissioning etc as required.	Each	3.00	3543.00
12	Supplying and fixing 20 amps, 220 volts, SPN industrial type, socket outlet , with two pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP MCB, in sheet steel enclosure, on surface or recess, with chained metal cover for the socket outlet and complete with connections, testing	Each	3.00	1912.00

	and commissioning etc as required. (Used for AC box)			
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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. 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**

Signature of Contractor with Date

Electrical Executive Engineer

I.G.I.M.S. PATNA

Non schedule item

SI No.	Item	Unit	Qty	Rate
1	Supply of Split type 1.5 TR , 5 Star 240 Volts Air Condition (Make voltas /Hitachi)	Each	3.00	
2	Supply Installation of 4 KVA Voltage Stabiliser input voltage 160-270 Volts Output 220 volts with time delay	Each	3.00	
3	Installation charge for Split Air condition	Each	3.00	
4	Refrigerant copper pipe 6.4 mm Dia. (13 mm thick Nitrile)	Meter	45.00	
5	Refrigerant copper pipe 12.7 mm Dia. (13 mm thick Nitrile)	Meter	45.00	
6	3 core X 2.5 sq mm copper cable	Meter	45.00	
7	3 core X 1.5 sq mm copper cable	Meter	45.00	
8	25 mm Dia PVC Flexible Drain Pipe	Meter	39.53	
9	Supply of 450 mm Turbo Force Air circulator wall Fan	Each	10.00	

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

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)

BILL OF QUANTITY

Short Tender Notice No. Engg. \22/ (elect)\ 2018-19

01	Name of the Work	Laying cable & fixing MCCB switch in Biochemistry Deptt. & Blood Collection hall (Near cash counter) respectively, at IGIMS Patna -14
02	Estimated cost	Rs. 2,94,762.00(Two lacks ninety four thousands seven hundred sixty two) only
03	Cost of quotation documents	Rs. 750.00 (Seven hundred fifty) only
04	Amount of earnest money to be deposited	Rs. 5,900.00 (Five thousands nine hundred) only
05	Time of Completion	07 (Seven) Days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 at 3.30 PM
08	Place of opening of tender	Conference Hall, IGIMS, Patna -14

Schedule Item

SI.NO	Item	Unit	Qty	Rate
1	laying of one number PVC insulated & 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	50.00	157.00
2	Fixing for 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 35 sq. mm and up to 95 sq. mm (Clamped with 25 x 3 mm MS flat clamp)	Meter	95.00	68.00
b)	Above 95 sq. mm and up to 185 sq. mm (Clamped with 25/40 x 3 mm MS flat clamp)	Meter	145.00	78.00
3	Supplying and fixing wall/floor mounted cubical panel board, fabricated with 16 gauge iron sheet, suitable for panel mounted switch disconnect or, including bus-bar chamber,	sq.ft.	6.00	1382.00

	insulator and painting etc. as required. (but without bus bar copper strip)			
4	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 70 sq. mm (38mm)	Each	2.00	368.00
b)	3½ X 185 sq. mm (57mm)	Each	2.00	702.00
5	Supply 3.5 core 70 sq.mm 1.1 KV XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	Meter	95.00	389.54
6	Supply 3.5 core 185 sq.mm 1.1 KV XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	Meter	195.00	868.22

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

SI No.	Item	Unit	Qty	Rate
<u>1</u>	Supply of 125-160 Amps Breaking capacity 36 KA Four pole Ics= 100% Icu suitable for isolation adjustable O/L Setting 0.8to 1.0 x In (d-sine with thermal-magnetic release type	Each	1.00	
<u>2</u>	Supply of 250-320 Amps Breaking capacity 36 KA Four pole Ics= 100% Icu suitable for isolation adjustable O/L Setting 0.8to 1.0 x In (d-sine with thermal-magnetic release type	Each	1.00	

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. \22/ (Elect)\ 2018-19

01	Name of the Work	Electrical wiring work of gas manifold building first floor and main wiring of 3 nos of motor in ground floor at gas manifold building at, I.G.I.M.S. Patna -14
02	Estimated cost	Rs. 1,54,124.00 (One lacks fifty four thousands one hundred twenty four) only
03	Cost of quotation documents	Rs. 500.00(Five hundred) only
04	Amount of earnest money to be deposited	Rs. 3,090.00(Three thousands ninety) only
05	Time of Completion of job	07 (Seven) Days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/3 /2019 at 3.30 PM
08	Place of opening of tender	Conference Hall, IGIMS, 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 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	28.00	724.00
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	40.00	161.00
b)	2 x 4sq.mm. + 1 x 4 sq.mm. earth wire	Meter	98.00	200.00
c)	2 x 10sq.mm + 1 x10 sq.mm earth wire	Meter	22.00	382.00
d)	4 x 10sq.mm + 1 x10 sq.mm earth wire	Meter	55.00	593.00

3	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)	400 Amps. MCCB, 35 KA	Each	1.00	19697.00
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	8.00	192.00
b)	40 Amps Single pole and neutral	Each	2.00	729.00
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	6.00	633.00
b)	2+ 8 way single door	Each	1.00	741.00
6	Supplying and fixing 2 pin, 6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	12.00	42.00
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	14.00	684.00
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	4.00	1618.00
9	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	144.00
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	1.00	81.00
b)	15/16 Amps switch	Each	8.00	134.00
c)	3 pin 5/6 Amps socket outlet	Each	1.00	122.00

d)	6 pin 15/16 Amps socket	Each	8.00	185.00
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	4.00	275.00
12	Providing and fixing 4.00 mm dia. copper wire on surface or in recess for loop earthing etc as required	Meter	50.00	116.00
13	Supply of 2 core 10 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) 1.1 KV armoured electrical cable with aluminium conductor.	meter	55.00	98.84

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)

BILL OF QUANTITY

Short Tender Notice No. Engg. \22/ (Elect)\ 2018-19

01	Name of the Work	Supplying and laying of cable from residential sub -station to New MDH for 20 HP Starter at IGIMS Patna-14
02	Estimated cost	Rs. 1,66,261.00 (One lacks sixty six thousands two hundred sixty one) only
03	Cost of quotation documents	Rs. 500(Five hundred) only
04	Amount of earnest money to be deposited	Rs. 3,330.00(Three thousands three hundred thirty) only
05	Time of Completion of job	07 (Seven) Days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 at 3.30 PM
08	Place of opening of tender	Conference Hall, IGIMS, Patna -14

Schedule Item

SI.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)	4 x 16 sq.mm + 1 x16 sq.mm earth wire	Meter	16.00	879.00
2	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.			
a)	Above 35sq. mm and up to 95 sq. mm	Meter	190.00	151.00
3	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 (35mm)	Each	2.00	329.00

b)	4 X16 sq. mm (28mm)	Each	2.00	250.00
4	Earthing with G.I. earth pipe 4.5 metre 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	5125.00
5	Providing and fixing 6 SWG dia G.I wire on surface or in recess loop earthing etc. as required	meter	20.00	38.00
6	Providing and fixing 25 mm x 5mm G.I Strip on surface or in recess for connection etc. as required	meter	60.00	150.00
7	supplying and fixing wall/floor mounted cubical panel board, fabricated with 16 guage iron sheet suitable for panel mounted switch disconnected including bus bar chamber insulator and painting etc as required .(but without bus bar copper strip)	Sq. ft	8.00	1382.00
8	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)	80 mm dia.	Meter	10.00	765.00
9	Supply of 3.5 core 50 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	meter	190.00	286.82

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

SI No.	Item	Unit	Qty	Rate
<u>1</u>	Supply of 80-100 Amps Breaking capacity 36 KA Four pole Ics= 100% Icu suitable for isolation adjustable O/L Setting 0.8to 1.0xIn or equivalent	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. \22/ (Elect)\ 2018-19

01	Name of the Work	Replacement of Main MCCB & MCB with Bus bar panel in all block and replacement of damage cable of block 5 at A-type quarter and cable jointing of residential area at IGIMS Patna-14
02	Estimated cost	Rs. 3,17,291.00 (Three lacks seventeen thousands two hundred ninety one) only
03	Cost of quotation documents	Rs. 750(Seven hundred fifty) only
04	Amount of earnest money to be deposited	Rs. 6,350.00 (Six thousands three hundred fifty) only
05	Time of Completion of job	15 (fifteen) days
06	Date of receipt of quotation	27/ 03 /2019 up to 03.30 PM at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.
07	Date of opening of Tender	28/03 /2019 at 3.30 PM
08	Place of opening of tender	Conference Hall, IGIMS, Patna -14

Schedule Item

Sl.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 10 sq.mm. + 1 x 10 sq.mm. earth wire	Meter	25.00	382.00
2	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	5.00	4004.00
b)	315 Amps. MCCB,35 KA	Each	1.00	17957.00
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	30.00	144.00
b)	Above 35sq. mm and up to 95 sq. mm	Meter	120.00	151.00
c)	Above 185 sq. mm and up to 400 sq. mm	Meter	20.00	178.00
4	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)	3 X10 sq. mm (22mm)	Each	80.00	211.00
b)	3½ X50 sq. mm (35mm)	Each	2.00	329.00
5	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 X25 sq. mm	Each	9.00	1988.00
b)	3½ X300 sq. mm	Each	2.00	5507.00
6	Earthing with G.I. earth pipe 4.5 metre 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	10.00	5125.00
7	Providing and fixing 25 mm x 5mm GI Strip on surface or in recess for connection etc. as required	meter	120.00	150.00
8	Providing, laying and fixing following capacity Bus bar chamber with 4 strip 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	7742.00
9	supplying and fixing wall/floor mounted cubical panel board, fabricated with 16 gauge iron sheet suitable for panel mounted switch disconnected including bus bar chamber insulator and painting etc as required .(but without bus bar copper strip)	Sq. ft	30.00	1382.00
10	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	51.00	192.00
11	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)	150 mm dia	Meter	10.00	369.00
12	Supply of 3.5 core 50 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	meter	120.00	286.82

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

IGIMS, Patna