

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-07

SHORT URGENT TENDER NOTICE NO.- Engg. /11/ CW and EW/Tender/2020-21

Sl. No.	Name of the Work :-	Electrical Wiring Work of Guest House Ground Floor at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 14,96,800/-		
2	Earnest Money (In Rs.) :-	Rs. 30,000/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 2,500/-		
4	Time of completion :- (In Days)	15 Days		
5	Date, time & place for submission of Complete tender-	As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT		
No.	Item Description	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	134.00	724.00
2	Wiring for circuit/ submain 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	295.00	130.00
b)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	375.00	161.00
c)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	1,046.00	200.00
d)	4X16 Sq mm + 1x16 sq mm Earth wire	Meter	70.00	879.00
3	Supplying And drawing following size of FR PVC insulated copper conductor single core cable in the existing surface /recessed PVC conduit as required			
a)	1 X 1.5 sq mm	Meter	374.00	24.00
b)	2 X 2.5 sq mm	Meter	56.00	62.00
4	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	20.00	413.00
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	Each	9.00	362.00

6	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240volts, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)			
a)	2+12 way single door	Each	1.00	1,315.00
7	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	3,702.00
8	Supplying and fixing following rating, 240/415 volts, %G+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	84.00	192.00
b)	50 /63 Amps Triple pole and neutral	Each	3.00	1,635.00
9	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, %G+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, Double pole	Each	1.00	805.00
10	Supplying and fixing modular type 25 Amps A.c unit box with ON/OFF MCB on surface or in recess complete with connections, testing and commissioning etc. as required.	Each	13.00	594.00
11	Supplying and fixing single wall maunted 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	51.00	684.00
12	Supplying and fixing 2 pin 6 amps ceiling rose on the existing junction box/wooden block including connection etc as required	Each	60.00	42.00
13	Supply and installation of regular /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	14.00	1,618.00
14	Supplying and fixing stepped type electronic fan regulator on the existing modular plate/ switch box including connection but excluding modular plate as required	Each	14.00	359.00
15	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	10.00	1,483.00
16	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	1.00	3,543.00
17	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	69.00	81.00
b)	15/16 Amps switch	Each	31.00	134.00
c)	3 pin 5/6 Ampsr socket outlet	Each	77.00	122.00

d)	6 pin 15/16 Amps socket	Each	31.00	185.00
18	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.			
a)	1 or 2 Module (75mmX75mm)	Each	6.00	180.00
b)	6 Module (200mmX75mm)	Each	40.00	275.00
19	Supplying and fixing of following types lamp in the existing electrical fitting/fixture etc as required			
a)	10/12 watt led lamp	Each	28.00	178.00
20	Supplying and fixing of betten /angle holder including connection etc as required	Each	28.00	46.00
21	Supply and erection of 6 metre hight 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	7.00	20,535.00
22	Suppluing and fixing 90 watt LED type street light with die cast Aluminium 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	7.00	8,437.00
Non schedule item				
23	Supplying fitting fixing 1.5 ton window AC of standard make including required stabiliser of required capacity all complete(Make-`tas/Hitachi/Loyyed /Ogeneral /Daikin or equivalent make).	Each	9.00	õ õ õ õ õ õ õ õ õ .
24	Supply and installation of window AC 2TR including of all other related cost i.e stabiliser installation all complete(Make-oltas/Hitachi/Loyyed /Ogeneral /Daikin or equivalent make)..	Each	4.00	õ õ õ õ õ õ õ õ õ ..
25	Supplying and instalation of 450 mm 230 volt A.C Wall /Cabin fan including fixing the bracket ,making connection testing commissioning etc as required	Each	6.00	õ õ õ õ õ õ õ õ õ ..
26	Supplying and fixing Surface maunted 21 watt LED type round fitting complete with electronic driver etc directly on ceiling including connection with 1.5 sq mm FR PVC insulated copper conductor and the earthing body etc as required	Each	6.00	õ õ õ õ õ õ õ õ õ .

Quoted Rates:for schedule item

- a- õ õ õ õ õ õ % above
- b- õ õ õ õ õ õ % below
- c- õ õ õ õ at estimated cost.

NOTE:-

Contractors are requested to quote their rates % above / % below / at estimated rate for Schedule Items and Item wise rate for non schedule item as mention in above.

- 1- Issued to :õ õ õ õ õ õ õ õ õ õ õ õ õ ..
- 2- Full postal address :-
- 3- Earnest money deposited :-

4- Registration No. :-

5- Time of completion :-

Signature of Contractor

Superintending Engineer
I.G.I.M.S., Patna

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-08

SHORT URGENT TENDER NOTICE NO.- Engg. /11/ CW and EW/Tender/2020-21

Sl. No.	Name of the Work :-	Electrical Wiring work in Ground Floor New Constructed R.I.O. Building at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 3,86,177/-		
2	Earnest Money (In Rs.) :-	Rs. 7,800/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 750/-		
4	Time of completion :- (In Days)	10 Days		
5	Date, time & place for submission of Complete tender-	As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT		
No.	Item Description	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	29.00	724.00
2	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required			
a)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	246.00	161.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	558.00	200.00
c)	4 x 10 sq.mm + 1 x 10 sq.mm. earth wire	Meter	21.00	593.00
3	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	3702.00
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	24.00	192.00
b)	50 /63 Amps Triple pole and neutral	Each	1.00	1635.00
5	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	20.00	81.00
b)	15/16 Amps switch	Each	52.00	134.00
c)	3 pin 5/6 Ampsr socket outlet	Each	20.00	122.00
d)	6 pin 15/16 Amps socket	Each	52.00	185.00
6	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.			
a)	3 Module (100mmX75mm)	Each	20.00	210.00
b)	6 Module (200mmX75mm)	Each	22.00	275.00
7	Supplying and fixing single wall maunted 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	28.00	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 (upto 30 cm)with 1.5 sq mm FR PVC insulated copper conductor etc as required	Each	13.00	1618.00
9	Supplying and fixing stepped type electronic fan regulator on the existing modular plate/ switch box including connections but excluding modular plate etc. as required.	Each	13.00	359.00
10	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	1483.00
11	Supplying and fixing 2 pin,6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	10.00	42.00
12	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	8.00	996.00
	Non schedule item			
13	Supply and installation of 450 mm , 230 volt V3 A.C Wall/cabin fan with alluminium body ,including fixing the bracket ,making connection testing, commissioning etc as required	Each	10.00
14	Supply of 450 mm Air Circulator Single phase pedestal (stand) Fan	Each	4.00

Quoted Rates:for schedule item

- a- ō ō ō ō ō ō % above
- b- ō ō ō ō ō ō % below
- c- ō ō ō ō at estimated cost.

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- 2- Full postal address :-
- 3- Earnest money deposited :-
- 4- Registration No. :-
- 5- Time of completion :-

Signature of Contractor

Superintending Engineer
I.G.I.M.S., Patna

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-09

SHORT URGENT TENDER NOTICE NO.- Engg. /11/ CW and EW/Tender/2020-21

Sl. No.	Name of the Work :-	Replacement of Damaged Panel in Old MBBS Girls Hostel in Residential Complex at IGIMS, Patna.
1	Estimated Cost (In Rs.) :-	Rs. 2,04,937/-
2	Earnest Money (In Rs.) :-	Rs. 4,100/-
3	Cost of B.O.Q. (In Rs.) :-	Rs. 500/-
4	Time of completion :- (In Days)	10 Days
5	Date, time & place for submission of Complete tender-	As Per NIT
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT

No.	Item Description	Unit	Qty.	Rate
1	Wiring for circuit/ submain 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	10.00	382.00
b)	4 x 10 sq.mm + 1 x10 sq.mm earth wire	Meter	45.00	593.00
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	4.00	729.00
b)	40 Amps Triple pole and neutral	Each	18.00	1,487.00
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)	3 X10 sq. mm (22 mm)	Each	8.00	211.00
b)	4X10 sq.mm (25 mm)	Each	52.00	219.00
	Non schedule item			
4	SITC of CRCA powder coated distribution panel board, fabricated with 16 SWG iron sheet suitable to fix mounted switchgear including 600 amprs alluminium Bus bar ,insulator,voltmeter,ammeter, Selector switch ,indicator	Each	1.00

lamp(RYB), Containing following incomer MCCB 125-160 Amps, Breaking capacity 36 KA 4 pole Ics= 100% Icu suitable for isolation, manual rotary version (Cat. No.-CM92109OOP10G or equivalent), with outgoing TPN MCB's 1 set of spreader terminal (L&T Cat No.-CM92007O000 or equivalent) , Panel painting by 7 tank process only			
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Quoted Rates:for schedule item

- a- ō ō ō ō ō ō % above
- b- ō ō ō ō ō ō % below
- c- ō ō ō ō at estimated cost.

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- 3- Earnest money deposited :-
- 4- Registration No. :-
- 5- Time of completion :-

Signature of Contractor

Superintending Engineer
I.G.I.M.S., Patna

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-10

SHORT URGENT TENDER NOTICE NO.- Engg. /11/ CW and EW/Tender/2020-21

Sl. No.	Name of the Work :-	Replacement of Damaged Cable from Main Sub-Station to dialysis (KTU) Panel at IGIMS, Patna		
1	Estimated Cost (In Rs.) :-	Rs. 1,68,128/-		
2	Earnest Money (In Rs.) :-	Rs. 3,400/-		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 500/-		
4	Time of completion :- (In Days)	10 Days		
5	Date, time & place for submission of Complete tender-	As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT		
No.	Item Description	Unit	Qty.	Rate
1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.			
a)	Above 95 sq. mm and upto 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 95 sq. mm and upto 185 sq. mm (Clamped with 25/40x3mm MS	Meter	137.00	78.00
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 X185 sq. Mm (57mm)	Each	2.00	702.00
4	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)	80mm dia	Meter	6.00	765.00
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 X 185 sq. mm	Each	1.00	3,683.00
6	Supply of 3.5 core 185 sq mm 1.1KV XLPE/PVC insulated PVC sheathhead (heavy duty) armoured electrical cable with aluminium conductor.	meter	152.00	868.22
7	Supplying and fixing following way horizontal type three pole and neutral, sheet steel MCB distribution board 415 volts on surface / recess complete with tinned copper bus bar neutral bus bar , earth bar , din bar interconnections , powder painted including earthing etc as required. (but without MCB/RCCB/Isolator)			
a)	4 way (4 + 12), single door, horizontal type	Each	1.00	1,680.00
8	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)	50 /63 Amps single pole and neutral	Each	4.00	825.00
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	1,483.00

Quoted Rates:for schedule item

- a- ō ō ō ō ō ō % above
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Signature of Contractor

Superintending Engineer
I.G.I.M.S., Patna