



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

BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO: IGIMS/EC/ EW /23/ 2022-23

Sl.No.-01

01	Name of the Work	Electrical works for the Bed Head Panel in the Dengue Ward, Annexe Block at IGIMS, Patna.
02	Estimated cost	Rs.1,31,436.00 (Rs. One lacks Thirty One Thousand Four Hundred Thirty Six only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

SL.No	Items	Unit	Qty	Rate
1	Wiring for circuit/ submain wiring alongwith 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	310.00	275.00
b)	4 X 10 sq. mm + 2X 6 sq. mm earth wire	Meter	38.00	1005.00
2	Supplying and fixing following way horizontal type three pole and neutral, sheet steel MCB distribution board 415 volts on surface / recess complete with tinned copper bus bar neutral bus bar , earth bar , din bar interconnections , powder painted including earthing etc as required. (but without MCB/RCCB/Isolator)			
a)	6 way (4 + 18), Double door , horizontal type	Each	1.00	2905.00
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	18.00	192.00
b)	50 /63 Amps Triple pole and neutral	Each	1.00	1635.00

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. Detail D.D. No.....Date.....

Amount..... Bank Name.....

- 04. **Registration Details**
- 05. **Time of Completion**

Signature of Contractor with Date

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



BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23

Sl.No.-02

01	Name of the Work	Providing and Fixing A.C drainage Pipe Line in all Hospital Building at IGIMS, Patna-14
02	Estimated cost	Rs.8,78,508.00 (Rs. Eight lacks Seventy Eight Thousand Five Hundred Eight only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

Sl.No.	Item	Unit	Qty.	Rate
1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 Sqm and under including cutting the patch in proper ing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead.			
a	With cement mortar 1:4	Sqm	54.00	237.20
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete	Sqm.	54.00	81.10
3	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete	Sqm	54.00	9.70
4	Distempering with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)	Sqm	54.00	33.20
5	Applying one coat of distemper primer of approved brand and manufacture on wall surface: Distemper primer	Sqm.	54.00	38.70
6	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work up to plinth level.			
a	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	1.00	3998.10
7	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fitting this includes jointing of pipes & fitting with one step CPVC solvent cement, trenching, refilling & testing of joints complete as direction of engineer in charge. (External work)			
a	25 mm nominal outer dia pipes	metre	984.77	294.70
b	40 mm nominal outer dia Pipes metre	metre	878.00	477.60

8	Providing and fixing double scaffolding system (cup lock type) on the exterior side of building/structure, up to 25 metre height, above ground level, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube challs, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-charge. Note:- (1) The elevation area of the scaffolding shall be measured for payment purpose.(2) The payment will be made once only for execution of all items for such works	sqm.	297.00	176.20
9	Insulation on existing pipe			
a)	40mm	sqmtr	18.00	2422.00
b)	25mm	sqmtr	22.00	1941.00
9	Extra cost for carriage of Material			
a)	Sone Sand (45 km from Koelwar)	Cum	1.92	1132.90
b)	Stone Aggregate ,(110 Km From Gaya Manpur)	Cum	0.90	2464.45
c)	Difference of Cost of Cement	tonn	1.50	234.62

Quoted Rate –

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B. _____% below.

C. At estimated Cost.

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01. **Issued to – Name of Contractor**
02. **Full Address**
03. **E.M.D. Detail** D.D. No.....Date.....
Amount..... Bank Name.....
04. **Registration Deatils**
05. **Time of Completion**

Signature of Contractor with Date

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



BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23

Sl.No.-03

01	Name of the Work	Electrical and Associated works in the proposed new vaccination centre at the place of Ayushman Bharat near O.P.D Building at I.G.I.M.S., PATNA-14
02	Estimated cost	Rs.6,85,666.00 (Rs. Six lacks Eighty Five Thousand Six Hundred Sixty Six only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

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	10.00	1845.00
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	160.00	369.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	210.00	428.00
c)	4 x 10 sq.mm + 2 x6 sq.mm earth wire	Meter	50.00	1166.00
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	42.00	134.00
c)	3 pin 5/6 Amps socket outlet	Each	15.00	122.00
d)	6 pin 15/16 Amps socket	Each	42.00	185.00
6	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.			

a)	3 Module (75mmX75mm)	Each	10.00	180.00
b)	6 Module (200mmX75mm)	Each	21.00	275.00
7	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	8	359.00
8	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	6.00	996.00

Quoted Rate –

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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**

N0n-Schedule Items

Sl. No.	ITEM DESCRIPTIONS	UNIT	QTY	RATE
9	SIT&C of Split type 5 Star (as per BEE) 1.5TR, single phase,230Volts ,50 Hz, with compressor type -Rotary, Rated ISEER-4.54-4.57, cooling capacity-5100watt - 5250watt, input power-1335-1380watt, airflow-880m3/h, Air Conditioner(Make- Voltas/Hitachi/LLOYD or equivalent make)	Each	2.00	
10	SIT&C of Split type 5 Star (as per BEE) 2TR, single phase,230Volts ,50 Hz, with compressor type -Rotary, Rated ISEER(4.59-4.70), cooling capacity-6340watt-7034watt at 100% Load, input power-1810watt-2070watt, airflow-620CFM-747.5CFM, Air Conditioner(Make- Voltas/Hitachi/LLOYD or equivalent make)	Each	4.00	
11	Supply and Installation of 4 KVA Voltage Stabiliser input voltage 160-270Volts, Output 220 volts with time delay(Make-Liv Guard/V-Guard/voltas or equivalent make)	Each	2.00	
12	Supply and Installation of 5 KVA Voltage Stabiliser input voltage 160-270Volts, Output 220 volts with time delay(Make-Liv Guard/V-Guard/voltas or equivalent make)	Each	4.00	

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

Signature of Contractor with Date

**Electrical Executive Engineer
IGIMS, Patna-14**



BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23

Sl.No.-04

01	Name of the Work	Required Electrical wiring and Plumbing work for functionality of Geysers to be installed in New boys Hostel, Hostel no.-4,5 Old MBBS Girls Hostel and Nursing Hostel at IGIMS Patna -14
02	Estimated cost	Rs.5,25,130.00 (Rs. Five lacks Twenty Five thousand One Hundred Thirty only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

Sl.No	Item	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 steel conduit as required			
a)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	760.00	334.00
2	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	30.00	594.00
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	30.00	192.00
4	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fitting this includes jointing of pipes & fitting with one step CPVC solvent cement, trenching, refilling & testing of joints complete as direction of engineer in charge. (External work)			
a)	20 mm nominal outer dia pipes	Meter	250.00	205.30
5	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :			
a)	20 mm nominal bore	Each	42.00	185.60
6	Providing and fixing uplasticised PVC connection pipe with brass ions :			
a)	45 cm length			
i)	20 mm nominal bore	Each	84.00	102.60
7	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :			
a)	20 mm nominal bore.	Each	42.00	465.40

Quoted Rate –

A. _____ % above.

B. _____ % below.

C. At estimated Cost.

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Signature of Contractor with Date

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

Non-Schedule Items

Sl. No.	ITEM DESCRIPTIONS	UNIT	QTY	RATE
1	Providing and Fixing Angular Stop Cock with wall flange all Complete. Jaguar Model FLR-5053N or equivalent.	Each	84.00	
2	Providing and Fixing Bib Cock with wall flange all complete. Jaguar Model CON-047KN or equivalent.	Each	74.00	

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

Signature of Contractor with Date

**Electrical Executive Engineer
IGIMS, Patna-14**



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BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23

Sl.No.-05

01	Name of the Work	Electrical and Air-conditioning work of Central Drug Store near PMR Building at IGIMS, Patna -14
02	Estimated cost	Rs.4,53,831.00 (Rs. Four lacks Fifty Three Thousand Eight Hundred Thirty One only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

Sl.No	Item	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)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	23.00	343.00
2	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	2.00	594.00
3	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	2.00	192.00

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

Non-Schedule Items

Sl. No.	ITEM DESCRIPTIONS	UNIT	QTY	RATE
4	SIT&C of Window type 2 TR 240 volts air conditioner (Make-Voltas/Hitachi/Lloyd or equivalent make)	Each	3.00	
5	SIT&C of split type 2 TR 240 volts air conditioner (Make-Voltas/Hitachi/Lloyd or equivalent make)	Each	3.00	
6	SIT&C of 5 KVA voltage stabiliser input voltage 160-270 volts output 220 volts with time delay (Make- Liv Guard/V-Guard/Voltas or equivalent make)	Each	6.00	
7	Supply, Installation, testing and commissioning copper refrigerant piping complete with fittings, with suitable hanger supports,, insulated with nitrite rubber, all accessories etc. as required :			
a)	6.4 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Meter	20.00	
b)	15.9 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Meter	20.00	
8	Supplying and Fixing of 25 mm dia flexible Drain pipe (for Split type Air Condition)	Meter	22.00	
9	Supplying and fixing of 1100 volt grade 3 core 2.5 sq. mm PVC Insulated PVC Sheathed copper conductor flexible Industrial cable	Meter	20.00	

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

Signature of Contractor with Date

**Electrical Executive Engineer
IGIMS, Patna-14**



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

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BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23

Sl.No.-06

01	Name of the Work	Additional Electrical Wiring Work in Proposed Emergency Ward in State Cancer Institute Building, Hospital Area at I.G.I.M.S. Patna -14
02	Estimated cost	Rs.4,34,611.00 (Rs.Four lacks Thirty Four Thousand Six Hundred eleven only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

Sl. No.	Items	Unit	Qty.	Rate
1	Wiring for light point/ fan point/ exhaust fan point/ call bellpoint with 1.5 sq.mm FRLS PVC insulated copper conductorsingle core cable in surface / recessed medium class PVCconduit, with modular switch, modular plate, suitable GI boxand earthing the point with 1.5 sq.mm FRLS PVC insulatedcopper conductor single core cable etc. as required			
a)	Group -C	Point	3.00	1467.00
2	Wiring for circuit/ submain wiring alongwith 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	248.00	275.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	514.00	334.00
c)	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	Meter	70.00	1365.00
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)	15/16 Amps switch	Each	90.00	134.00
b)	6 pin 15/16 Amps socket	Each	90.00	185.00
4	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.			
a)	6 Module (200mmX75mm)	Each	18.00	275.00
b)	12 Module (200mmX150mm)	Each	14.00	423.00
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required	Each	4.00	413.00
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	2.00	3702.00
7	Supplying and fixing following rating, 240/415 volts, “C” curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
a)	6/32 amps, Single pole	Each	45.00	192.00
b)	50 /63 Amps Triple pole and neutral	Each	2.00	1635.00
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	3.00	684.00
9	Supplying and fixing indoor recess mounting 36 watt LED flat panel luminaire suitable for Armstrong / grid ceilingand complete with electronic driveretc.directly on false ceiling including connection with1.5sq.mm FR PVC insulated copper conductor cable and earthing the body etc. as required.	Each	8.00	4023.00

Quoted Rate –

A. _____% above.

B. _____% below.

C. At estimated Cost.

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01. **Issued to – Name of Contractor** -
02. **Full Address**
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05. **Time of Completion**

Signature of Contractor with Date

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



BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23

Sl.No.-07

01	Name of the Work	Additional Electrical Wiring in Covid Vaccination Area Ground Floor, New Medical College and Additional Wiring in Neuro Surgery Department 4 th Floor Polyclinic Block at IGIMS, Patna-14
02	Estimated cost	Rs.2,22,395.00 (Rs. Two lacks Twenty Two Thousand Three Hundred Ninety Five only) `
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

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 size G.I. box etc as required.			
a)	Group -C	Point	5.00	1467.00
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 steel conduit as required			
a)	2 x 1.5 sq.mm. + 1 x 1.5 sq.mm. earth wire	Meter	215.00	233.00
b)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	410.00	275.00
c)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	75.00	334.00
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)	15/16 Amps switch	Each	28.00	134.00
b)	6 pin 15/16 Amps socket	Each	28.00	185.00
4	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	5.00	359.00
5	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	6 Module (200mmX75mm)	Each	16.00	275.00
6	Supplying and fixing metal/pvc box of 150mm X 75mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connections, painting etc. as required.	Each	12.00	187.00
7	Supplying and fixing metal/pvc box of 180mm X 100mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type	Each	8.00	286.00

	switch, connections, painting etc. as required.			
8	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
9	Supplying and fixing single wall mounted 20/22 watt LED type batten fitting complete with electronic driver and LED tube etc directly on wall /ceiling including connection with 1.5 sq.mm FR PVC insulated copper conductor and the earthing body etc as required	Each	5.00	684.00
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	3.00	594.00

Quoted Rate –

A. _____ % above.

B. _____ % below.

C. At estimated Cost.

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01. **Issued to – Name of Contractor**
02. **Full Address**
03. **E.M.D. Detail** D.D. No.....Date.....
Amount..... Bank Name.....
04. **Registration Details**
05. **Time of Completion**

Signature of Contractor with Date

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

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

(Autonomous Institute of Govt. of Bihar)

Tel.: 0612 – 2297631, 2297099; FAX: 0612 – 2297225; Website: www.igims.org; E-Mail:director@igims.org**BILL OF QUANTITY****SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23****Sl.No.-08**

01	Name of the Work	Repairing of Damage Distribution Cable from Main Feeder Panel to Block-3,4 Panel in A-Type Quarter and Laying of Spare Cable including repairing of Existing Damage Cable from DP Structure to Outdoor Feeder Panel in B-Type Quarter at IGIMS, Patna-14
02	Estimated cost	Rs.1,64,792.00 (Rs. One lacks Sixty Four Thousand Seven Hundred Ninety Two only) `
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

Sl.No.	Items	Unit	Qty.	Rate
1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. As required			
a)	Above 35 sq. mm and up to 95 sq. mm	Meter	265.00	151.00
b)	Above 185 sq. mm and up to 400 sq. mm	Meter	155.00	178.00
2	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavations and cushioning, protective covering and refilling the trench etc. as required			
a)	Above 185 sq. mm and up to 400 sq. mm	Meter	155.00	143.00
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 X 70 sq. mm (38mm)	Each	4.00	468.00
b)	3½ X 240 sq. mm (62mm)	Each	2.00	1027.00
4	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 50 sq. mm	Each	8.00	2478.00
b)	3½ X 240 sq. mm	Each	2.00	4919.00
c)	4 X 16 sq. mm	Each	2.00	2168.00
5	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required			
a)	100 mm dia	Meter	10.00	983.00

b)	150 mm dia	Meter	5.00	1626.00
6	Supply of 3.5 core 50 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	Meter	50.00	277.22
7	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metres lead:	Cum	4.50	1172.70

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.

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Signature of Contractor with Date

Electrical Executive Engineer
IGIMS, Patna-14



BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23

Sl.No.-09

01	Name of the Work	Electrical Repairing & Renovation work of D-type Residential Quarter D-2/4 at IGIMS Patna -14
02	Estimated cost	Rs.1,56,379.00 (Rs. One lacks Fifty Six Thousand Three Hundred Seventy Nine only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.			
a)	Group -B	Point	7.00	1160.00
2	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/recessed steel/PVC conduit including dismantling as required.			
a)	Group -B	Point	25.00	637.00
3	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 steel conduit as required			
a)	2 x 1.5 sq.mm. + 1 x 1.5 sq.mm. earth wire	Meter	24.00	233.00
b)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	70.00	275.00
c)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	38.00	314.00
d)	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	Meter	25.00	1165.00
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.			

a)	1 X 1.5 sq. mm	Meter	53.00	45.00
b)	3 x 1.5 sq. mm	Meter	53.00	95.00
c)	3 x 2.5 sq. mm	Meter	35.00	137.00
d)	3 x 4 sq. mm	Meter	63.00	206.00
5	Supplying and fixing metal/ PVC box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required.			
a)	150 mm X 75 mm X 60 mm deep	Each	5.00	116.00
b)	250 mm X 300 mm X 60 mm deep	Each	4.00	344.00
6	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required.			
a)	5/6 Amps switch	Each	30.00	39.00
b)	3 pin 5/6 Amps socket outlet	Each	5.00	52.00
c)	Electronic step fan regulator, piano type	Each	5.00	204.00
7	Supplying and fixing metal/pvc box of 150mm X 75mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connections, painting etc. as required.	Each	8.00	187.00
8	Supplying and fixing metal/Pvc box of 180mm X 100mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connections, painting etc. as required.	Each	7.00	286.00
9	Supplying and fixing 2 pin, 6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	14.00	42.00
10	Supplying and fixing batten/ angle holder including connection etc. as required.	Each	14.00	46.00
11	Supplying and fixing electronic musical call suitable for single phase, 230 volts complete bell as required.	Each	1.00	219.00
12	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)	Single pole	Each	24.00	192.00
b)	50 /63 Amps Triple pole and neutral	Each	3.00	1635.00
13	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	6.00	594.00
14	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	7.00	684.00
15	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	1618.00

16	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	4.00	1483.00
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Quoted Rate –

A. _____ % above.

B. _____ % below.

C. At estimated Cost.

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Signature of Contractor with Date

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



BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23

Sl.No.-10

01	Name of the Work	Electrical wiring work in Extension of Trauma Centre (Emergency), Hospital area at IGIMS Patna -14
02	Estimated cost	Rs.2,04,000.00 (Rs. Two lacks Four Thousand only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

Sl.No.	Item	Unit	Qty.	Rate
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with modular switch , modular plate, suitable size G.I. box etc as required			
a)	Group -C	Point	30.00	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 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	177.675	200.00
b)	4 X 10 sq. mm + 1 X 10 sq. mm earth wire	Meter	55.00	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	2.00	81.00
b)	3 pin , 5/6 amps socket outlet	Each	10.00	122.00
4	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	1 or 2 Module (75mmX75mm)	Each	8.00	180.00
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required	Each	12.00	413.00
6	Supplying and fixing batten/ angle holder including connection etc. as required.	Each	5.00	46.00
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)	4 way (4 + 12), double door, horizontal type	Each	1.00	2388.00
8	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)	50 /63 Amps Triple pole and neutral	Each	1.00	1635.00
9	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 40 amps 240 volts, "C" curve DP MCB complete with connections, testing and commissioning etc. as required	Each	1.00	1044.00
10	Supplying and fixing single wall mounted 20/22 watt LED type batten fitting complete with electronic driver and LED tube etc directly on wall /ceiling including connection with 1.5 sq.mm FR PVC insulated copper conductor and the earthing body etc as required	Each	3.00	684.00
11	Supplying and fixing indoor recess mounting 36 watt LED flat panel luminaries suitable for arm strong / 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	16.00	4023.00

Quoted Rate –

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C. At estimated Cost.

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Signature of Contractor with Date

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

Non-Schedule Items

Sl.No.	Item	Unit	Qty.	Rate
12	Supply and Installation of 450 mm 230 volt V3 A.C. Wall/Cabin fan with aluminum body including fixing the bracket, making connection testing commissioning etc as required	Each	5.00	

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

Signature of Contractor with Date

**Electrical Executive Engineer
IGIMS, Patna-14**



BILL OF QUANTITY

SHORT URGENT TENDER NOTICE NO. IGIMS/EC/ EW /23/ 2022-23

Sl.No.-11

01	Name of the Work	Electrical wiring, lighting work in Indira Gandhi park ,Garden in front of Ward Block and OPD Building, connecting corridor between Ward Block and Old Building , Trauma Shade and Main Gate etc. area at IGIMS, Patna -14
02	Estimated cost	Rs.2,64,800.00 (Rs. Two lacks Sixty Four Thousand Eight hundred only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

Schedule-Items

Sl.No.	Item	Unit	Qty.	Rate
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.			
a)	Group -C	Each	5.00	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	101.00	161.00
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)	2 X 1.5 sqmm	Meter	46.00	41.00
b)	4 X 1.5 sqmm	Meter	148.00	79.00
c)	2 X 2.5 sq mm	Meter	322.00	62.00
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 Double door	Each	1.00	1004.00
5	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 amps 240 volts, "C" curve DP MCB complete with connections, testing and commissioning etc. as required	Each	3.00	777.00
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	2.00	192.00
7	Supplying and fixing following rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
a)	6/32 Amps, Double pole	Each	1.00	537.00
8	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required.			
a)	20 mm	Meter	501.00	68.00

a)	25 mm	Meter	19.00	79.00
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	11.00	81.00
b	2 way ,5/6 Amps switch	Each	2.00	111.00
c)	15/16 Amps switch	Each	3.00	134.00
d)	5/6 Amps socket	Each	1.00	122.00
e)	6 pin 15/16 Amps socket	Each	4.00	185.00
10	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.			
a)	1 or 2 Module (75mmX75mm)	Each	2.00	180.00
b	6 Module (200mmX75mm)	Each	2.00	275.00
c)	12 Module (200mmX150mm)	Each	1.00	423.00
11	Supplying and drawing following pair 0.5 sq. mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/recessed PVC conduit as required.			
	2 pair	meter	1.00	18.00
12	Supplying and fixing single wall mounted 18/22 watt LED type batten fitting complete with electronic driver and LED tube etc directly on wall /ceiling including connection with 1.5 sq mm FR PVC insulated copper conductor and the earthing body etc as required	Each	20.00	684.00
13	Supplying and fixing 2 pin 6 amps ceiling rose on the existing junction box/wooden block including connection etc as required	Each	22.00	42.00

Quoted Rate –

A. _____ % above.

B. _____ % below.

C. At estimated Cost.

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

Non-Schedule Items

Sl.No.	Item	Unit	Qty.	Rate
14	Supply and fixing of Single phase (220 volts) 5 watt per meter 3000/4000 K,strip/rope light ingress protection of IP65 and complete with all accessories etc including connection and earthing the body etc. as required.	Each (50 meter roll)	6.00	
15	Supplying and fixing outdoor type 10 watt bulkhead light suitable for 220/240 Volt, 50 Hz A.C including connection, earthing the body etc. as required.	Each	5.00	
16	Supplying and fixing metal body 2 meter long single phase Track board for mounting of track cob light including screw nut bolt washer etc. as required.	Each	10.00	
17	Supplying and fixing indoor type 20 watt LED COB Track light suitable for 220/240 Volt, 50 Hz A.C including connection , earthing the body etc. as required.	Each	17.00	
18	Supply of 20 feet long four leg both side step Aluminum ladder	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-14**