



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

Memo No.487/ EC/EW/2019

Date: - 15 /11 /2019

SHORT TENDER NOTICE NO. IGIMS/11/EW/2019-20

Sealed tenders in two separate bid system (Technical and Financial) for the following work is hereby invited as per schedule given below:-

01	Last Date, time & place for submission of tender-	09 /12/2019 up to 3.30 at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier.			
02	Date and time for opening of tender-(Technical Bid)-	10 /12/2019 at 3.30 PM in Conference Hall, IGIMS, Patna			
03	Date & Time for opening of Price Bid of Technically Suitable bidders.	13 /12/2019 at 03.30 PM in conference hall IGIMS, Patna.			
ELECTRICAL WORK					
Sl. No.	Name of work	Estimated cost (In Rupees)	E.M.D.	Cost of B.O.Q.	Time of completion
01	Left Over Electrical Work of Newly Constructed I.V.F Lab Behind Emergency O.T at I.G.I.M.S. Patna -14	Rs. 6,56,838.00	Rs. 13,140.00	Rs. 1250.00	07 Days
02	Supply And Installation Of Split & Window Air Condition In Private Ward & Doctors Room , Old Medical College at IGIMS Patna -14	Rs 12,67,857.00	Rs. 25,360.00	Rs. 2,500.00	07 Days
03	Supply And Installation Of Split & Window Air Condition Of Pulmonary Medicine ICU & Department, First Floor Old Medical College at IGIMS Patna -14	Rs. 4,90,486.00	Rs. 9,810.00	Rs. 750.00	07 Days
04	Electrical Wiring Work Of Biomedical Work Shop Waiting Hall Sanitary Store and Registration Counter at Dharamshala at I.G.I.M.S. Patna -14	Rs. 3,60,157.00	Rs. 7,205.00	Rs. 750.00	07 Days
05	Replacement Of Damage Cable (From Motor To Starter) For 20 Hp Motor Near Cobalt Area And 12 HP Motor At Nursing College at, I.G.I.M.S. Patna -14	Rs. 1,59,689.00	Rs.3,195.00	Rs. 500.00	07 Days
06	Laying of Spare Cable from Intern Hostel to New Boys Hostel at IGIMS Patna-14	Rs. 97,673.00	Rs. 1954.00	Rs. 500.00	07 Days

The Details Can be viewed on Institute web site. www.igims.org

DIRECTOR
IGIMS, PATNA

Terms & Conditions:

- (1) Estimated cost may increase or decrease.
- (2) Tender paper shall be down loaded from Institute Website www.igims.org. by the contractor registered under Road Construction Deptt, Bihar, Building Construction Department, CPWD, Energy Department, PESU, Electricity board and Railway for having PAN NO., GST NO., and experience certificate of work done not less than 80% value of single work or two work of 50% value or three work of 40% value of estimated amount and IT Return in the last three years ending March 2019.
- (3) Tenderers are required to deposit Cost of BOQ & Earnest Money for the said work as mentioned above in the shape of Demand Draft, in favour of the Director, IGIMS, Patna along with the required documents in technical bid failing which tender will be rejected.
- (4) No material shall be supplied by the Institute to the contractor for above noted work.
- (5) One of the authorized representatives of the tenderer may participate at the time of opening of Tender.
- (6) The Director, IGIMS, Patna – 14 reserves right to cancel any or all tender without assigning any reason thereof.
- (7) All documents mentioned in clause (2) should be submitted along with terms & conditions specified of tender duly signed
and self attested by tenderer with technical bid.
- (8) Tenderers participating in this tender must fulfill the clause (2) (3) & (7) of terms & condition failing which tender will be
rejected.
- (9) Agency or his authorized representative should have Electrical License
Note= Contractors are requested to quote their rates % above / % below / at estimated
rate for Schedule Items and Item wise rate for non schedule item.
The Details can be viewed on Institute web site. www.igims.org

**DIRECTOR
IGIMS, PATNA**

Memo No. EC/EW/2019

Date

Copy forwarded to: Administrative officer, IGIMS, Patna for publication of this tender in all edition of India in Daily News Paper. Copy Forwarded to: SE. Biomedical Engineer for uploading tender on institution Website: - www.igims.com

**DIRECTOR
IGIMS, PATNA**

INSTRUCTION TO TENDERER

1. Cost of B.O.Q (nonrefundable) and Earnest Money Deposit (Refundable) shall be acceptable in the form of Demand Draft of any nationalized bank in favour of Director IGIMS Patna payable at Patna, of any nationalized bank having branch at Patna, with hard copy of technical bid being submitted in the office of the Director IGIMS Patna-14.
2. Bidders has to submit sealed envelopes containing hardcopy of Technical bid and Price bid in two separate envelopes super scribed as "Technical Bid and "Price Bid" of the Tender containing in third envelope. This must reach to the office of the undersigned through Registered post/ Speed post/Courier Services only on or before the last submission day and time of tender. IGIMS takes no responsibility for the delay or loss in transit of any document related to this Tender Notice. It is assumed that bidders will quote his rate considering all types of taxes etc.
3. IGIMS reserves the right to accept or reject any application without assigning any reason or incurring any liability whatsoever.
4. Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders on his own cost, to acquaint themselves from the nature of the work and nature of the ground and sub-soil, the form and nature of the site, the means of access to the site, the volume of work involved, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their work tender. The bidder shall be deemed to have full knowledge of the site, nature of work etc, whether he inspects it or not. It is to note that and no extra charges for complete work either in civil electrical or mechanical work, etc will be paid to the contractor. Any misunderstanding or otherwise shall be allowed.
5. The work to be awarded by this tender shall be treated as indivisible works contract.
6. IGIMS reserves the right to inspect the works intimated to have been completed by the applicant and reject any prospective application without assigning any reason.
7. The tender for the works shall remain open for acceptance for a period of 180 days from the date of opening of tenders.
8. Completion period
The completion period indicated in the tender documents is for the entire work of planning, designing, supplying, installation, testing, commission and handing over of the entire job to the satisfaction of the Engineer - in - charge.
9. Warranty
All the items covered in the BOQ, shall carry minimum twelve months Onsite Comprehensive Warranty, commencing from the date of completion of entire job. The after sales service support / warranty services have to be provided at IGIMS, Patna-14. The repairing / rectification, if any of the items under warranty must be done at site only within 24 hours.
10. The bidder should submit along with the technical bid, the detailed plan for providing installation and warranty services at site. Prompt and efficient after sales service must be free within the warranty period.
11. The bidders name, dated signature & seal should appear on each page of the Tender Document which is required to be submitted with technical bid in the form of hard copy.
12. The bidder shall be responsible for the delivery of the material/ equipment to site and shall include in his bid all the necessary arrangements for transport, loading and off-loading (including cranes, lifting tackles, wire rope, winches, slings, etc. All the necessary arrangement along with material for installation, testing and commissioning to complete the work will be contractor's responsibility. IGIMS will not accept any claims for additional costs in this regard.
13. If the contractor or his workmen or employees shall break, deface, injure, or destroy any part of a building, road kerb, fence, enclosure, water pipes, cables, drains, electric or telephone posts, wires, etc. The contractor shall make the same good at his own expenses. IGIMS may cause the same to be made good by other workmen and deduct the expenses of which IGIMS decision is final.

14. Safety The successful bidder shall follow the Safety Code and Model Rules for the Protection of health and sanitary arrangement for Workers.

15. The quality of all the materials to be utilized by the successful bidder must be get approved by the Executive Engineer Electrical before utilizing it.

16. The successful bidder has to submit daily progress report and submit the measurement of the work to the Executive Engineer Electrical while execution of the work.

17. Eligibility Criteria:

i) Experience certificate of work done not less than 80% value of single work or two work of 50% value or three work of 40% value of estimated amount and IT Return in the last three years ending march 2019.

ii) Bidder should be having all the necessary documents like GST, PAN, Registration, experience etc. He must enclose the Notarized copies of all documents.

iii) Notarized copy of Valid Electrical License in the name of the bidder or its associate, issued from the competent authority of Bihar government .

18. This Notice Inviting Tender (NIT) shall form a part of the contract document. The successful bidder/contractor, on acceptance of his tender by the Accepting Authority, shall, sign the contract agreement within 15 days from the stipulated date of start of the work.

19. The contractor shall submit the program for execution of work, get it approved from the Electrical Executive Engineer and strictly adhere the same for the timely completion of the project work before start of the work.

20. The rate for all items of work shall include the cost of all labour, materials and all other inputs involved in the execution of the complete work and nothing extra on any account will be paid to the agency other than his quoted rates.

21. While installing or commissioning the contractor or his authorized representative should always be available at the site of work to take instructions from department officers and ensure proper execution of work.

22. The contractor shall maintain in good condition all work executed till the completion of entire work allotted to the contractor. No payment will be made to the contractor for damages caused by rains, floods or any other natural calamity, whatsoever during the execution of the work. The contractor shall be fully responsible for any damage to the Owners property and to the work for which the payment has been advanced to him under the contract during the execution of the works.

23. The malba /garbage, removed from the site shall be disposed off by the contractor at any suitable place as directed by the Engineer-In-Charge.

24. Material must be properly packed against any damage and insured up to the destination. The material should be directly dispatched to the installation site at IGIMS, Patna -14.

25. All the expenses involved in delivering, unloading etc. the equipment at our site, shall be borne by the Bidder. All aspects of safe delivery shall be the exclusive responsibility of the Bidder. IGIMS will have the right to reject the component/equipment supplied, if it does not comply with the specifications at any point of installation, inspection and testing, EMD is liable to be forfeited and bid is liable to be rejected, if the bidder withdraws or amends impairs or derogates from the tender in any respect within the validity period of the tender.

26. If any equipment/material or part thereof is lost or rendered defective during transit, the supplier shall immediately arrange for the replacement of damaged equipment or part thereof, as the case may be, at no extra cost.

27. Rates should be quoted towards Supply at site, Unloading, Erection, Commissioning, Testing and Maintenance of Supplies / Materials given under BOQ, accordingly by giving the basic price, GST, Service Tax, etc. wherever applicable.

28. Along with slanted deduction, 1% labour cess will be deducted of the completed work as per prevailing Bihar state government rules.

29. IGIMS shall have the sole right to assess the performance of the tendered equipment(s) /components, primary / intermediate and or final, and reject the same without assigning any reason / explanation to the bidder if the performance is found to be unsatisfactory. The decision of IGIMS will be final and binding on the contractor.

30. Price basis should be FOR IGIMS Patna only. The quoted price will be considered firm and no price escalation will be permitted.

31. SECURITY DEPOSIT

The amount of Security Money shall be 10% (Ten Percent) of the work order Value- and deduction/deposit shall be made in following manner.

Ernest money deposit and Initial Security Deposit of (Five Percent) of the accepted/agreed value, which has to be deposited by the contractor through D. D. payable to Director IGIMS Patna and remain with IGIMS till expiry of warranty period.

- a) Balance 5% (Five Percent) Security Money shall be deducted from each running account bill of work done under this work order.

32. Security deposit shall be refunded after expiry of warranty period (12 months from the date of completion of work order) provided, there are no defects in work and removed all surplus material, rubbish from site. The Security deposit shall be totally non-interest bearing and the bank guarantee, if furnished, shall also not entail any liability towards bank interest, money or bank charges etc. on IGIMS.

33. Payment

The payment will be released after satisfactory completion of complete works as per agreement through Measurement book. Security deposit will be released after two months beyond warranty period. All the payment shall be made on actual measurement basis.

34. Compensation for Delayed Services

In the event of the contractor failing to comply to complete work within the completion period shown against the each work in the tender and which starts from the day of handing over the written order to the contractor he shall be liable to pay as compensation an amount equal to 0.5% on the amount of the estimated cost of the whole work per day that the due quantity work remains incomplete provided that the entire amount of compensation to be paid under this provisions of this clause shall not exceed 10% of total order value for the work.

35. The contractor shall clear the site thoroughly of all scaffolding materials and rubbish etc. left out of his work and dress the site around the building to the satisfaction of the Engineer before the work is considered as complete.

36. The quoted rate shall be complete in all respects including the cost of all materials, labour, tools & plants, machinery etc. IGIMS shall not be supplying any material, labour, plant etc.

37. The contractor has to ensure co-ordination with Institute authorities to maintain the smooth functioning / operation of existing Institute timing without disruption during the execution of work. This may require working rescheduling the normal working hours, working in restricted period etc. Nothing extra shall be payable on this account.

38. Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Electrical Executive Engineer. Double handling of materials or excavated earth if required shall have to be done by the contractor at his own cost.

39. In the case of any tender where unit rate of any item/ items appear unrealistic, such tender will be considered as unbalanced and in case the bidder is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected.

40. On account of security consideration, some restrictions may be imposed by the security staff on the working and movement of men and materials etc. The contractor shall be bound to follow all such restrictions/ instructions and he shall organize his work accordingly. No claim on this account, whatsoever, shall be payable.

41. The contractor shall be responsible for completing the work and for satisfying all terms and conditions of the Contract without any extra payment over his quoted rates unless otherwise specified. The contractor shall quote his rates for various items of work accordingly and no claim whatsoever shall be entertained for any incidental or extra work involved in the execution of the work as per nomenclature of the item and the specifications indicated in the tender documents.

42. Technical Bid shall contain:

A) Non-Refundable cost of B.O.Q. amounting to the respective Column and work of this NIT in the form of crossed DD drawn on any nationalized bank in favour of "Director IGIMS" payable at Patna.

B) Refundable Earnest Money Deposit (EMD) amounting to the respective Column and work of this NIT in the form of crossed DD drawn on any Nationalized bank in favor of "Director IGIMS" payable at Patna. Tenders without cost of BOQ & EMD shall be rejected without any notice. In addition to above the following documents are to be uploaded and hard copy should be submitted in the Technical bid.

a. Forwarding letter clearly indicating the documents attached therein submitted in the first cover.

b. Self attested copy of Registered Partnership deed if the tenderer is a partnership firm and power of attorney.

c. Self attested copy Permanent Account Number of the tenderer issued by the Commissioner of Income Tax.

d. Self attested copy of valid GST Certificate issued from Sales tax Department.

e. Self attested copy of Valid Electrical Contractor License issued from Govt. department to the firm or its associate.

f. Self declared Details of works of similar type and magnitude carried out by the Contractor in Last 5 Years.

g. Self declared Details of technical personnel available with contractor

h. self attested Copy of List of Tools, Plant and Machinery Immediately available with the Tenderer for use on the respective work for which prospective bidder is submitting the tender.

i) The Bidder should submit a Notarized certificate that it has not been blacklisted, debarred, declared non-performer or expelled by Union Govt/State Govt / PSU's during the last 5 years. In the absence of Certificate, the Bid is liable to be rejected.

Special terms and condition

a) FR wiring shall be used everywhere inside/outside all panels/equipment/building.

b) Each Earth conductor (for earthing) shall not left bare it will be through ISI mark PVC pipes to avoid corrosion & mechanical injuries.

c) Failure on the part of the client to inspect or to reject after inspection any work, which later proves to be defective, shall not relieve the Contractor from warranties, commitments and obligations, which he undertakes under this contract. The Contractor is solely responsible for the accuracy, quality and completeness of his work and supply.

d) The Contractor shall include and provide for securely protecting and packing the equipment in accordance with the best established practices so as to protect the contents from damage during transit, storage, exposure to heat, moisture or rain.

Notwithstanding the above, the Contractor shall be entirely responsible for loss, damage or deterioration to the materials occasioned by faulty, defective or insecure packing.

- e) If required obtaining approvals from Electrical Inspector, Local Electricity Supply Authority and all other statutory authorities for the complete scope of work is contractor's responsibility. It is not the intent to specify completely here in all aspects of design and constructional features of equipment and details of the work to be carried out nevertheless, the equipment and work shall conform in all respects to high standards of engineering, design and workmanship and shall be capable of performing and continuous commercial operation in a manner acceptable to the owner who are interpret the meaning of the specifications and drawing and shall have right to reject or accept any work or material which in his assessment is not complete to meetings requirement of these specifications and or applicable codes and standards mentioned elsewhere in these specifications.
- f) All sundry fittings, accessories, hardware items, foundation bolts, termination lugs for electrical connections as required, and all other sundry items is included in the quoted price.
- g) The Contractor shall arrange all the materials and labour required for inspection of equipment or for any testing to be carried out at his works or at site. Notice for such inspection/presence for testing shall be given to the Electrical Executive Engineer by the Contractor at least fifteen (15) days in advance.
- h) Notwithstanding approval of tests or equipment by the Electrical Executive Engineer the contractor shall be required to perform site tests and prove the correctness of ratings and performance of equipment/machinery and materials supplied and installed by the contractor as per the contract specifications and conditions. Engineer-in-Charge shall reserve the right to reject any equipment/machinery/material should it, on tests after erection, be found not to comply with contract specifications. Engineer-in-Charge shall have full power to order the material or work to be tested by an independent agency at the electrical Contractor's expense in order to prove soundness & adequacy.
- i) All quantities indicated in BOQ are tentative which may vary as per site conditions. Contractor has to verify quantities before procuring the material.
- j) All materials and equipment shall be brand new. On arrival of the materials at site they shall be inspected and tested by the Electrical Executive Engineer and his representative shall at all reasonable time have free access to the site of assembly. They shall have full powers to examine the materials and workmanship of the equipment at the contractor works or at any other place from where the material or equipment is obtained. The contractor shall give every facility to the engineer-in-charge and his representatives and necessary help for inspection, examination & testing of the materials. Original test certificates of the manufacturer's shall be submitted by the Contractor for all major equipment before they are accepted by the Engineer-in-Charge. Acceptance of any material or equipment shall in no way relieve the Contractor of his responsibility for meeting the requirements of the contract.
- k) Electrical work done under this contract shall be executed by licensed men under the supervision of licensed electrical supervisor as per the Indian Electricity act.
- l) Contractor shall obtain the approval of all electrical installation done under this contract from the appropriate competent authority before the installation and commissioning if required as per rules.
- m) All tools and tackles required for handling of equipment and materials at site of works as well as for their assembly, erection, commissioning and also necessary test instruments shall be the responsibility of the contractor.
- n) The Contractor shall provide for the tendered equipment comprehensive warranty for parts as well as labour for a period of 12 months from the date of successful installation & commissioning of the equipment at Purchaser's site at no extra charges against any manufacturing defect/faulty workmanship. In case any defect arises during warranty period, the Contractor should replace/rectify the same at its own cost at site/works.
- o) Bidder will quote and upload their lowest for schedule items in percentage and lowest item rate for non-schedule items in the format of BOQ attached rate in the separate envelope of Price bid.

Director
IGIMS 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. IGIMS/11 /EW/ 2019-20

01	Name of the Work	Left over electrical work of newly constructed I.V.F Lab behind emergency O.T at I.G.I.M.S. Patna -14
02	Estimated cost	Rs 6, 56,838.00 (Rs Six lacks, Fifty Six Thousand, Eight Hundred thirty eight Only.)
03	Cost of BOQ	Rs.1250.00 (One thousand two hundred fifty Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs. 13,140.00 (Rupees Thirteen Thousand one hundred forty) only
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of tender	09/12/2019 up to 3.30 at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier
07	Date of opening of Tender (Technical bid)	10/12/2019 at 3.30 PM
08	Place of opening of tender	Conference hall, I.G.I.M.S., Patna-14

Schedule Item

Sl.No	Item	Unit	Qty.	Rate
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq In the conference hall, I.G.I.M.S., Patna-14 .mm. FR PVC insulated copper conductor single core cable etc. as required.			
a)	Group -C	Each	48.00	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 x2.5 sq.mm. earth wire	Meter	70.00	161.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	410.00	200.00
c)	4 x 16 sq.mm + 1 x16 sq.mm earth wire	Meter	82.00	879.00
3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	Each	24.00	413.00

4	Supplying and fixing following way horizontal type three pole and neutral, sheet steel MCB distribution board 415 volts on surface / recess complete with tinned copper bus bar neutral bus bar , earth bar , din bar interconnections , powder painted including earthing etc. as required. (but without MCB/RCCB/Isolator)			
a)	8 way (4 + 24), Double door , horizontal type	Each	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	2.00	1635.00
6	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	10.00	996.00
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	34.00	684.00
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 35 sq. mm and up to 95 sq. mm (clamped with 25/40 mm Ms flate clamp mm thick saddle)	meter	130.00	68.00
9	Supply and installation of regular /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	24.00	1618.00
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	4.00	1483.00
11	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	2.00	5125.00
12	Providing and fixing 25 mm x 5mm G.I Strip on surface or in recess for connection etc. as required	meter	40.00	150.00
13	Supplying and fixing of following types lamp in the existing electrical fitting/fixture etc as required			
a)	15 watt led lamp	Each	18.00	302.00
14	Supply of 3.5 core 50 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	meter	130.00	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
1	Supply installation testing & commissioning of iron sheet steel powder distribution panel board , fabricated with 16 SWG iron sheet suitable for fix mounted switch gear including 600 Amps aluminium bus bar chamber ,insulator, volt meter, Ampere meter Selector switch ,indicator lamp(RYB) MCCB Ics=100%Icu,confirms to IS/IEC 60947-2 containing following Incomer and Outgoing MCCB cubicles a) Incomer 100-250 Amps 4 Pole MCCB suitable for Isolation ,manual rotary version, (L & T ,DN2-250N,BREAKING CAPACITY 36 KA CAT NO:-CM921510000X1 or equivalent) b)Outgoing 6 nos. 40-100 Amps 4 Pole MCCB suitable for isolation manual rotary version (L & T ,DN2-250D,BREAKING CAPACITY 36 KA CAT NO:-CM921530000X1 or equivalent)and 7 nos. of rotary handle (DN2 Direct ROM L&T cat no. CM998290000 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

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 IGIMS/11/ EW / 2019-20

01	Name of the Work	Replacement Of Damage Cable (From Motor To Starter) For 20 HP Motor Near Cobalt Area And 12 HP Motor at Nursing College at, I.G.I.M.S. Patna -14
02	Estimated cost	Rs.1, 59,689.00 (Rs. One lack, Fifty nine Thousand, Six Hundred eighty nine Only.)
03	Cost of BOQ	Rs.500.00 (Five hundred Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.3,195.00 (Rupees Three Thousand one hundred ninety five) only
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of tender	09/12/2019 up to 3.30 at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier
07	Date of opening of Tender (Technical bid)	10/12/2019 at 3.30 PM
08	Place of opening of tender	Conference hall, I.G.I.M.S., Patna-14

Schedule Item

SI.No.	Item	Unit	Qty.	Rate
1	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)	Up to 35 sq. mm (clamped with 1 mm thick saddle)	meter	325.00	29.00

Quoted Rate –

A. _____% above.

B. _____% below.

C. **At estimated Cost.**

Note: - Contractors are required to quote their rate % above % below or at estimated cost, in Prescribed Format. Tenderer quoting item-wise rate will be rejected.

01. Issued to – Name of Contractor

02. **Full Address**.....

03. **E.M.D. Details** D.D. No.....Date.....Amount.....

04. **Registration Number**

05. **Time of Completion**

Signature of Contractor with Date

Electrical Executive Engineer

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

Non Schedule item

Sl. No.	Item	Unit	Qty.	Rate
1	Supply of 4 core 6 sq mm 1.1 KV XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with copper conductor.	meter	325.00	

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. IGIMS/11 /EW/ 2019-20

01	Name of the Work	Supply And Installation of Split & Window Air Condition Of Pulmonary Medicine ICU & Department, First Floor Old Medical College at IGIMS Patna -14
02	Estimated cost	Rs.4, 90,486.00 (Rupees Four lakhs, ninety Thousand, four Hundred eighty six Only.)
03	Cost of BOQ	Rs.750.00 (Rupees Seven hundred fifty Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.9,810.00(Rupees Nine thousand eight hundred ten only)
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of tender	09/12/2019 up to 3.30 at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier
07	Date of opening of Tender (Technical bid)	10/12/2019 at 3.30 PM
08	Place of opening of tender	Conference hall, I.G.I.M.S., Patna-14

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

Signature of Contractor with Date

Electrical Executive Engineer

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

Non Schedule item

Sl.No.	Non-Schedule Items	Unit	Qty.	Rate
1	Supplying fitting fixing 1.5 ton window AC of standard make including required stabiliser of required capacity all complete (Make- voltas/Hitachi/Loyyed /O general /Daikin or equivalent make).	Each	1.00	
2	Supply and installation of window AC 2TR including of all other related cost i.e. stabiliser installation all complete (Make- voltas/Hitachi/Loyyed /O general /Daikin or equivalent make).	Each	1.00	
3	Supplying fitting fixing 2 TR split AC of standard make including required stabilizer of required capacity all complete(Make- voltas/Hitachi/Loyyed /O general /Daikin or equivalent make)	Each	1.00	
4	Supply of Split type 1.5 TR , 240 Volts Air Condition (Make-voltas/Hitachi/Loyyed /O general /Daikin or equivalent make)	Each	4.00	
5	Supply Installation of 4 KVA Voltage Stabiliser input voltage 160-270 Volts Output 220 volts with time delay	Each	4.00	
6	Installation charge for Split Air condition	Each	4.00	
7	Supply and fixing Refrigerant copper pipe 6.4 mm Dia (13 mm thick Nitrile)	Meter	42.00	
8	Supplying and fixing of Refrigerant copper pipe 12.7 mm Dia (13 mm thick Nitrile)	Meter	42.00	
9	Supplying and fixing of 3 core X 2.5 sq mm copper cable	Meter	42.00	
10	Supplying and fixing 25 mm Dia PVC Flexible Drain Pipe	Meter	52.00	

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. IGIMS/11 /EW/ 2019-20

01	Name of the Work	Supply And Installation of Split & Window Air Condition in Private Ward & Doctors Room , Old Medical College at IGIMS Patna -14
02	Estimated cost	Rs 12, 67,857.00 (Rs. Twelve lakhs, Sixty Seven Thousand, eight Hundred fifty seven Only.)
03	Cost of BOQ	Rs.2500.00 (Two thousand Five hundred Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.25,360.00 (Rupees Twenty Five Thousand three hundred sixty) only
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of tender	09/12/2019 up to 3.30 at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier
07	Date of opening of Tender (Technical bid)	10/12/2019 at 3.30 PM
08	Place of opening of tender	Conference hall, I.G.I.M.S., Patna-14

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

Signature of Contractor with Date

Electrical Executive Engineer

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

Non Schedule item

Sl.No.	Non-Schedule Items	Unit	Qty.	Rate
1	Supplying fitting fixing 1.5 ton window AC of standard make including required stabiliser of required capacity all complete (Make- voltas/Hitachi/Loyyed /O general /Daikin or equivalent make).	Each	8.00	
2	Supplying fitting fixing 2 TR split AC of standard make including required stabilizer of required capacity all complete(Make- voltas/Hitachi/Loyyed /O general /Daikin or equivalent make)	Each	1.00	
3	Supply of Split type 1.5 TR , 240 Volts Air Condition (Make-voltas/Hitachi/Loyyed /O general /Daikin or equivalent make)	Each	11.00	
4	Supply Installation of 4 KVA Voltage Stabiliser input voltage 160-270 Volts Output 220 volts with time delay	Each	11.00	
5	Installation charge for Split Air condition	Each	11.00	
6	Supply and fixing Refrigerant copper pipe 6.4 mm Dia (13 mm thick Nitrile)	Meter	96.00	
7	Supplying and fixing of Refrigerant copper pipe 12.7 mm Dia (13 mm thick Nitrile)	Meter	96.00	
8	Supplying and fixing of 3 core X 2.5 sq mm copper cable	Meter	96.00	
9	Supplying and fixing 25 mm Dia PVC Flexible Drain Pipe	Meter	108.00	

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. IGIMS/11/EW/ 2019-20

01	Name of the Work	Electrical Wiring Work Of Biomedical Work Shop Waiting Hall Sanitary Store and Registration Counter at Dharamshala at I.G.I.M.S. Patna -14
02	Estimated cost	Rs.3, 60,157.00 (Rupees Three lakhs, Sixty Thousand, One Hundred fifty seven Only.)
03	Cost of BOQ	Rs.750.00 (Seven hundred fifty Only – Non- refundable)
04	Amount of earnest money to be deposited	Rs.7205.00 (Rupees Seven Thousand two hundred five) only
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of tender	09/12/2019 up to 3.30 at office of the Director, IGIMS, Patna- through Regd./Speed Post /Courier
07	Date of opening of Tender (Technical bid)	10/12/2019 at 3.30 PM
08	Place of opening of tender	Conference hall, I.G.I.M.S., Patna-14

Schedule Item

Sl. No.	Item	Unit	Qty.	Rate
1	Wiring for light point/fan point /exhaust fan point/call bell point with 1.5 sq.mm F.R. P.V.C. insulated copper conductor single core cable in surface/recess P.V.C. conduit with piano type switch, phenolic laminated sheet, suitable size pvc / gi box etc. as required.			
a)	Group-C	Each	10.00	681.00
2	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	49.00	724.00
3	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required			
a)	2 x 1.5 sq.mm. + 1 x 1.5 sq.mm. earth wire	Meter	15.00	130.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	485.00	200.00
c)	4 x 10 sq.mm + 1 x10 sq.mm earth wire	Meter	52.00	593.00

4	Supplying and fixing of 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)	75 mm X 75 mm X 50 mm deep	Each	10.00	93.00
5	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connection etc. as required			
a)	5/6 amps.3 pin Socket out let	Each	10.00	52.00
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required			
a)	15/16 Amps switch	Each	14.00	134.00
b)	3 pin 5/6 Amps socket outlet	Each	9.00	122.00
c)	6 pin 15/16 Amps socket	Each	14.00	185.00
7	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	9.00	180.00
b)	6 Module (200mmX75mm)	Each	7.00	275.00
8	Supplying and fixing metal/ PVC box of 150mm/75mm x 60mm 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 connection painting etc. as required.	Each	42.00	187.00
9	Supplying and fixing 2 pin,6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	9.00	42.00
10	Supplying and fixing following way single pole and neutral sheet steel MCB distribution board 240 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)	2+ 4 way double door	Each	1.00	1004.00
b)	2+ 6 way double door	Each	1.00	1081.00
11	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
12	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)	40 Amps Single pole and neutral	Each	2.00	729.00
c)	50 /63 Amps Triple pole and neutral	Each	1.00	1635.00

13	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
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	16.00	684.00
15	Supplying and Fixing indoor recess mounting 36 watt LED flat panel light luminaries suitable for Armstrong / grid ceiling and complete with electronic driven etc. Directly on false ceiling including connection with 1.5 sq mm FR PVC insulated copper conductor cable and earthing the body etc. as required.	Each	17.00	4023.00
16	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.			
a)	Up to 35 sq. mm	Meter	90.00	144.00
17	Supply and installation of regular /standard model A.C ceiling fan of 1200 mm sweep including wiring the down rod of standard length (up to 30 cm)with 1.5 sq mm FR PVC insulated copper conductor etc as required	Each	2.00	1618.00
18	Supply and installation of 300 mm 230 v a.c exhaust fan in the existing opening including making good the damage connection testing commissioning etc as required.	Each	1.00	1483.00
19	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	19.00	2427.00
20	Supply of 2 core 6 sq mm XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	meter	90.00	83.33

Quoted Rate –

A. _____ % above.

B. _____ % below.

C. **At estimated Cost.**

Note: - Contractors are required to quote their rate % above % below or at estimated cost, in

Prescribed Format. Tenderer quoting item-wise rate will be rejected.

01. Issued to – Name of Contractor
02. **Full Address**.....
03. **E.M.D. Details** D.D. No.....Date.....Amount.....
04. **Registration Number**

05. **Time of Completion**

Signature of Contractor with Date

Electrical Executive Engineer

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



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

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

BILL OF QUANTITY

Short Tender / Quotation Notice No. IGIMS/11/ EW / 2019-20

01	Name of the Work	Laying of Spare Cable from Intern Hostel to New Boys Hostel at IGIMS Patna-14
02	Estimated cost	Rs.97,673.00 (Rs. Ninety Seven Thousand Six hundred Seventy three only)
03	Cost of BOQ documents	Rs.500.00 (Five hundred Only) (Non- refundable)
04	Amount of earnest money to be deposited	Rs.1,954.00 (Rupees One Thousand, Nine hundred fifty four Only)
05	Time of Completion of job	07 (Seven) days
06	Date of receipt of Tender documents	09/12/2019 up to 3:30 Pm at office of the Director, IGIMS, Patna-through Regd. /Speed Post /Courier.
07	Date of opening of Tender	10/12/2019 at 3.30 PM
08	Place of opening of Tender	In Conference Hall, I.G.I.M.S., Patna-14

Schedule Item

SI.No.	Item	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	107.00	151.00
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 m MS flat clamp)	Meter	56.00	68.00
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 95 sq. mm (45mm)	Each	2.00	473.00
4	Supply of 3.5 core 95 sq.mm 1.1KV XLPE/PVC insulated PVC sheathed (Heavy Duty) armoured electric cable with aluminium conductor	Meter	163.00	470.93

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**