

**GOVERNMENT OF JAMMU AND KASHMIR**

**OFFICE OF THE EXECUTIVE ENGINEER PCD (PHQ) J&K SRINAGAR.**

**INVITING E-TENDER NOTICE**

e-NIT No/EE-PCD/PHQ/13/2018-19 Dated: - 21-06-2018

Executive Engineer PCD PHQ J&K JAMMU/ SRINAGR on behalf of Governor of J&K State invites tenders by e-tendering on **item rate basis** from approved and eligible Electrical contractors/ Firms registered with J&K State for the following work.

S. No	Name of Work	Name of Division	Estimated Cost (Rs. In lacs)	Cost of document (In Rs.)	Earnest Money (In Rs.)	Time Allowed for completion	Time and date of opening of tender	Class of Contractor
1	2	3	4	5	6	7	8	9
1	Providing, Installation, Testing and Commissioning of Security lights along Peripheral of STC Sheeri Baramulla	PCD (PHQ) J&K, Srinagar	29.75 lacs	2000/-	59500/-	45 days	04-07-2018	"A" Electrical

1. Date of Publishing 22-06-2018 at 1200 hours.
  2. The Bidding documents can be downloaded from the website <http://jktenders.gov.in> from 1400 hours on 22-06-2018.
    - i. The Bids shall be deposited in electronic format on the website <http://jktenders.gov.in> from 24-06-2018 to 03-07-2018 upto 1600 Hrs. The bids received will be opened at 1100 hours on 04-07-2018 on line.
    - ii. The complete bidding process will be on line.
    - iii. Technical bids of bidders shall be opened on line in the office of **Engineer PCD PHQ J&K Srinagar** on 04-07-2018 at **1100 Hrs.**
  - iv. The lowest bidder i. e. L1 shall be intimated to deposit the original copy of required earnest money in shape of CDR/ FDR and hard copies of all relevant documents as mentioned in clause 2 of general instructions to the bidders within three days from opening of financial bids.
  - v. The cost of tender documents should be submitted by the bidder in shape of treasury challan / receipt and upload the same.
3. Bid documents can be seen at and downloaded from the website <http://jktenders.gov.in> Bid documents contain qualifying criteria for bidder, specifications, bill of quantities, conditions and other details.
  4. The site for the work is available. The intending bidders are strongly advised to inspect the site of work before bidding.
  5. Bids must be accompanied by bid security in column 6 of the table payable at Jammu/ Srinagar pledged in favour of **Executive Engineer, PCD PHQ J&K Srinagar**. Bid security will have to be in form of CDR / FDR and shall have to be valid for six months or more after last date of receipt of Bid. The cost of downloaded tender documents shall be in form of treasury challan/ receipt.

  
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- i. Financial Bids will be opened on line in the office of the **Executive Engineer, PCD PHQ J&K Srinagar**. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened on the next working day at the same time and venue.
6. The bid for the work shall remain open for acceptance for a period of **90 days** from the date of opening of bids. If any bidder / tenderer withdraws his bid/tender before the said period or makes any modifications in the terms and conditions of the bid, the said earnest money shall stand forfeited.
7. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the State Government is allowed to work as a Contractor for a period of two years after his retirement from Government service, without permission of the Government. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government as aforesaid before submission of the tender or engagement in the Contractor's Service.
8. Other details can be seen in the bidding documents.
9. **Instruction to bidders regarding e-tendering process.**
  - i. The interested bidder can download the NIT/bidding document from the website <http://jktenders.gov.in>
  - ii. To participate in bidding process, bidders have to get (DSC) "Digital Signature Certificate" as per Information Technology Act-2000, to participate in online bidding. This certificate will be required for digitally signing the bid. Bidders can get above mentioned digital certificate from any approved vendors. The Bidders, who already possess valid (DSC) Digital Signature Certificates, need not to procure new Digital Signature Certificate.
  - iii. The bidders have to submit their bids online in electronic format with Digital Signature. The bids cannot be uploaded without Digital Signature. No Proposal will be accepted in physical form.
  - iv. Bids will be opened online as per time schedule mentioned in Para 2(III).
  - v. Before submission of online bids, bidders must ensure that scanned copies of all the necessary documents have been attached with bid.
  - vi. The department will not be responsible for delay in online submission of bids whatsoever reasons may be.
  - vii. All the required information for bid must be filled and submitted online.
  - viii. The details of original of documents, EMD specified in the tender documents should be the same, as submitted online (scanned copies) otherwise bid will not be accepted.
  - ix. Bidders can contact the undersigned for any guidance for getting DSC or any other relevant details in respect of e-tendering process.
  - x. Original Registration certificate of TIN No. / GST No. shall be uploaded on line.
10. The guidelines for submission of bid online can be downloaded from the website <http://jktenders.gov.in>
11. No construction material shall be supplied by Police Construction Division, PHQ. However, the brands of the material will be approved by Engineer Incharge of the concerned site in consultation with Executive Engineer, PCD PHQ J&K.

  
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12. In case the contractor quoted rates are unbalanced i.e. in some items very high and in other very low, the payment shall be made on estimated rates / prevalent rates for the items of higher rates till successful completion of work i. e. after executing all the items of work for which he has quoted lower rates.

### **Terms and conditions for Electric works**

1. The works to be Governed by this contract shall cover delivery and transportation up to destination, safe custody at site, insurance, erection, testing and commissioning of the entire Electrical works.
2. The works to be undertaken by the contractor will interalia include the following:
  - a). Preparation of detailed AS Built drawings of electric wiring, Installation, cable laying, erection, fixing of switch gear etc.
  - b). Pre-commissioning tests as per relevant standard specifications, code of practice, acts & Rules.
  - c). Warranty obligation for circuit breaker, CT, Cables, Capacitors etc are to be supplied by the contractor.
  - d). All other earthwork and masonry works required to be done in connection with the electric works.
3. All the materials to be used in execution of the contractor shall be of approved quality and of the class most suited for the purpose specified. The work shall also conform to the following Acts, Rules and orders.
  - a). Indian Electricity Act.
  - b). National building Code.
  - c). National Electrical Code.
  - d). Bureau of Indian Standard.
4. **Electrical License**

The work shall be carried out by a contractor holding valid license issued by the State Government for carrying out installation work of a voltage classes involved, under direct supervision of the persons holding valid certificates issued or recognized by the state Government.

The tenderer should furnish with the tender, the particulars of the license with validity period held by him. The successful tenderer shall furnish the names and particulars of certificates of Competency of supervisors and workmen to be engaged for carrying out this work.
5. **Installation.**

All works connected with and inclusive of installation and erection under this contract shall be done in accordance with the standard and established methods of installation and erection of electrical equipments and shall comply with relevant Indian electricity rules, National Electrical Code, BIS codes of practice and standards.

The work shall also be strictly in accordance with the instructions/ recommendations of the manufacturer wherever applicable.

The equipment shall be leveled carefully before being fixed finally in position. All fragile and sensitive equipment shall be protected adequately and handled carefully during installation and erection.
6. **Commissioning Tests**

As soon as the installations are ready for commissioning, the contractor shall arrange for all the tests/ inspections as required by the relevant ISS and / or IE rules and advice the employer and others concerned. Employer shall depute their inspecting officer for witnessing the tests and to carry out inspection independently and also jointly with other concerned agencies wherever necessary and only after the installation passes the required tests and inspection, it should be commissioned/ energized. The contractor shall arrange all testing equipments /apparatus/ instruments as will be required for conducting the tests without any extra cost.

  
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- a). visual inspection shall include checks for satisfactory workmanship, all connections, painting, cleanliness of all fittings etc and compliance with Indian Electricity rules.
  - b) The ammeters, voltmeters and energy meters shall be checked for their calibration, scale, accuracy etc for compliance with the specified requirements.
  - c) (i) Manufacturers test certificates shall be furnished on demand.  
(ii) Certificates of compliance to routine test shall also be furnished.  
(iii) Routine tests certificates are required to be submitted.
  - d) All cables and connections after erection shall be tested as required by the employer for:
    - (i) Pressure test
    - (ii) Insulation Resistance test.
  - e) Earth resistant shall be measured separately for each earth electrode and when they are connected together and to the equipment should be recorded.
7. All sundry fitting, assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections as required and all other sundry items which are useful and necessary for proper assembly and efficient working of the various component of the work shall be deemed to have been included in the tender whether such items are specifically mentioned in the tender documents or not.

### **Technical specification for electrical works**

- 1 Conformity to IE Act, IE rules and standard
  - a) All electrical works shall be carried out in accordance with the provision of Indian electricity Act, 1910 and Indian Electricity rules, 1956 amended up to date.
  - b) The works shall also conform to relevant Indian standard code of Practice for the type of work involved.
  - c) In all electrical installation works, relevant safety codes of practice shall be followed.
  - d) Unless otherwise specified, the work shall be carried out as per current CPWD general specifications for electrical works (Internal & External) as applicable as per the instruction of the engineer in Charge or his authorized representative.
- 2 Workmanship  
The work shall be carried out under the direct supervision of highly experienced licensed SUPERVISOR, i.e. a person holding a certificate of competency issued by the State Govt. for the type of work involved, employed by the contractor, who shall rectify the defects pointed out by the EIC during the progress of the work.
- 3 completion Plan and completion certificate
  - a) For all works, completion certificate after completion of work as given in appendix-A shall be submitted to the engineer In Charge.
  - b) "As Built" drawing to be submitted along with test/ completion certificate which is an essential part for consideration of Final Bill.
- 4 Testing & Installation  
On completion of Installation, the following tests shall be carried out:
  - a) Insulation resistance test by appropriate class of Megger
  - b) Earth Continuity test
  - c) Earth Resistance test by earth Megger

All necessary test instruments for the test shall be arranged by the contractor if so required by the EIC. Calibration certificates may be required to produce on demand by the EIC.
- 5 The earth continuity conductor, including metal conduits and metallic enclosures of cables in all cases, shall be tested for electric continuity. The electrical resistance of the same along with the earthing lead, but excluding any added resistance, or earth leakage circuit breaker, measured from the connection with the earth electrode to any point in the earth continuity conductor in the completed installation shall not exceed one ohm.

  
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### Test and Inspection:

The contractor shall at its own expense carry out at the place of manufacture and / or on the site all such tests and / or inspections of the Plant and equipment and any part of the Facilities as are specified in the contract. The JKPCD and or their designated representatives shall be entitled to attend the aforesaid test and / or inspection before dispatch of material. Whenever the contractor is ready to carry out any such test and / or inspection, the contractor shall give four weeks advance notice of such test and / or inspection and of the place and time thereof to the JKPCD. The contractor shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the JKPCD (or their designated representatives) to attend the test and /or inspection.

  
Executive Engineer  
PCD (PHQ) J&K Srinagar.

No:-e-NIT/EE-PCD/PHQ/2018-19/1492-99  
Dated: 21-06-2018.

Copy to the:-

1. IGP (Hqr's) PHQ J&K Srinagar for favour of information.
2. Superintending Engineer PHQ J&K Srinagar for favour of information.
3. Joint Director Information's J&K Srinagar for information and publication in leading Dailies
- 4.) Assistant Executive Engineer PCSD Electric Kashmir for Information.
- 5.) I/C I T Section PHQ J&K Srinagar for information and necessary action.
- 6-7.) H.A / HD for information.
- 8.) Master File.

  
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