



ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY AWANTIPORA, KASHMIR



ISLAMIC UNIVERSITY OF SCIENCE & TECHNOLOGY AWANTIPORA, KASHMIR.

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Tender Notice for L.T Panel

For and on behalf of Vice Chancellor, Islamic University of Science and Technology, Awantipora, sealed tenders affixed with revenue stamp of Rs. 5/- are invited from the class "A" Contractor and registered with JKPDD, MES or CPWD/ Railways or State /Central and possess the required licenses, registration as per law valid at least for six months from the date of the opening of the bid for Design, Fabrication, assembly, wiring and supply, installation testing and commissioning for L.T Panel. Tender document can be downloaded from IUST website www.iustlive.com from 15-12-2017 against bank receipt/demand draft of Rs.500/- drawn in favour of IUST, Awantipora payable at Awantipora. The tender document should reach to the office of the undersigned on or before 28-12-2017 up to 2pm.

**Sd/-
Superintendent Engineer**

No: IUST/EW-ELE/Tend-notice/17/302.

Dated: 13-12-2017



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Tender Document for L. T Panel

Design , Fabrication, Assembly, Wiring and Supply, Installation, Testing and Commissioning of front operated cubical type compartmentalized front access free standing dust and vermin proof (IP54 ingress protection) main switch boards suitable for use at 415 volts, 3 phase 4 wire, 50 Hertz system suitable for fault level of required value symmetrical at 415 volt, fabricated from 2 mm thick CRCA NC sheets with hinged gas kitted (metal based neoprene) and lockable doors having structural reinforcement with suitable angle/channel/ flat sections including 3mm thick gland plates on top and bottom and including lifting hooks and including GI earth strip of required size with 2 Number Earthing terminals and including powder coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections ATS etc as per specifications as required and as below:

- I) All switch boards shall have provision for entry of cables from the top or bottom as required.
- II) All KVA values indicated shall be ICS breaking capacity.
- III) Suitable arrangements shall be made for termination of multiple incoming cables.

INCOMINGS:

(A) MAINS UNIT:

One Number 630 amps, 415 volt, ICU= 36 KA, 4 pole MCCB (TNP) with micro processor based release having, over current, short circuit, earth fault, with adjustable setting master Relay over voltage and under voltage .

(B) D-G UNIT:

One Number 630 amps, 415 volt, ICU= 36 KA, 4 pole MCCB (TNP) with micro processor based release having, over current, short circuit, earth fault, with adjustable setting master Relay over voltage and under voltage , Reverse power relay single phase preventer.

(C) METERING AND INDICATION:

- I) 1 No 0-500 Volt Digital type voltmeter with 3 way on/off selector switch.
- II) 1 No 1000 Amp Digital type Ammeter with 3 way on/off selector switch.
- III) 3 No 5p10 class CTs 1000/5 A for the protection
- IV) 1 No Digital type multifunction meters to show KWH, KVAH, P.F and Frequency
- V) 1 set of indicating lamp to indicate (open) (close) (Trip) SPRING charge RYB phase indicating lamps with 2 amp MCB.



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BUS BAR:

Electrolyte High Conductivity Aluminum alloy three phase and neutral (TPN) Bus Bars rated at 630 amps having a maximum current density of 1.0 amp sq mm suitable to with stand symmetrical fault level of 36 KA at 415 volts.

INTERLOCKING:

Incomers of Transformer and DG should be mechanically & electrically interlocked such that only one can be switched on through ATS (AUTOMATIC TRANSFER SWITCH).

OUTGOING UNITS:

- (A) 3Numbers 36 KA TPN MCCB 250 amps 415 Volt with a set of ON/OFF indicating lamps with MCB.
- (B) 2 Numbers 25 KA TPN MCCB 100 amps 415 Volt with a set of ON/OFF indicating lamps with MCB.
- (C) 4 Numbers 25 KA TPN MCCB 63 amps 415 Volt with a set of ON/OFF indicating lamps with MCB.
- (D) 2 Numbers 25 KA TPN MCCB 40 amps 415 Volt with a set of ON/OFF indicating lamps with MCB.



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General Terms and Conditions

1. Tender complete in all respects containing all the relevant documents including PAN Registration, licences, Income tax returns, GSTIN, compiled balance sheet, and experience certificate. Minimum annual average turnover as quoted in NIT.
2. Material used shall be of standard make quality and strictly as per relevant IS. Defective, unspecified material shall be entertained on this account.
3. The work shall be completed within the period of 15 days positively falling a penalty up to 10% of the allotment shall be imposed on the firm at the discretion of the Ex. Engineer/SE IUST. Time of completion is the essence of contract
4. In the event of the failure of the firm to execute the work in the stipulated time, the SE IUST reserves the right to get the works executed through some other agency party or in full at the risk and cost of the firm.
5. The work executed shall be guaranteed for satisfactory period for one year from the date of commissioning. During this warranty period the firm will be liable to replace any item/spare, and/or re execute the work without any extra cost to the IUST, in case the performance of the same is not satisfactory.
6. The firm shall execute an agreement with the IUST after issuance of the allotment order before execution of work envisaging all terms and conditions as laid down in PWD Form 25 without which the firm shall not be entitled to any payment even if the work is executed in full.
7. Any dispute or difference what so ever may arise between the IUST/ Firm either of the party may give in writing to either side and same shall be referred to SE(IUST) for arbitration under J&K Arbitration act 1940. The decision of arbitrator will be final conclusive and binding on the parties.
8. The funds for the subject work have been demanded. However the payment shall be made to the firm as and when the funds are available. The IUST will not be responsible on this account which please may be noted
9. The firm has to get work inspected through inspection agency J&K P.D.D.s
10. The work has to be handed over properly to IUST Engineering Wing with inventory
11. During the execution of the work the firm shall be personally responsible if any accident/ incident theft takes place at site. During this period damage to any extent shall be the personally responsible of contractor/ firm.
12. Must be registered with state PDD or CPWD or central government as "A" class Contractor & Manufacturers registered with JKPDD/CPWD/JK INDUSTRIES (SICOP) . The licence should be valid for the current financial year.
13. Should have a PAN card
14. Should have Income tax clearance & GSTIN certificate from income tax department ending March 2017.
15. Should have successfully completed similar nature of work of magnitude 75% during the last three years.



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16. Tender without 2% of estimated cost in the form of CDR drawn in favour of finance officer IUST will not be accepted even though these works out to be lowest .
17. The contractor who's tender is accepted will be required to furnish by way of security deposit an amount equal to the 5% of the quoted cost, As security deposit and earnest money deposited at the time of submission will be treated as part of the security deposit. The security amount will be accepted in the shape of CDR, FDR or bank guarantee. .
18. Earnest money will be refunded to the unsuccessful bidder against application after allotment.
19. Technical Bid will be opened on 28-12-2017 at 2pm or any subsequent date convenient to works committee IUST in the office chamber of chairman works committee IUST.
20. The IUST has a right to reject any or all the tenders without assigning any reason.
21. The rates quoted by the tenders are deemed to be FOR IUST inclusive of all taxes duties insurance, cess, VAT/GST, transportation and inspection charges.
22. In case of any discrepancy between rates written in word and figures (by the tenderer) the rates written in words shall be taken as final.
23. Subletting of allotted work wholly or partly is strictly prohibited and will be treated as a breach of contract.
24. The make of the LT Panel :- HAGGER, LEGRAND, SYSTEM CONTROL & any local make approved by JKPDD & registered by JK INDUSTRIES (SICOP) .The accessories of the panel will be approved by IUST. The contractor is required to abide the respect all the rules regulations and laws of the state/ Central Govt. For any violation he shall be liable to be prosecuted under the relevant laws of the department.
25. Stipulated technical specification which demand additional requirements are applicable under Indian standard/ REC specification amended up to date are deemed to have been incorporated. Out of the prescribed make it shall be discretion of IUST to approve the make as per IUST requirement at site.
26. The contractor shall supply the material within stipulated period of 15 days immediately after issuance of order/LOI
27. If the IUST at any stage are not satisfied with the quality of the material, IUST may employ another contractor or agency for supplying the same and excess expenditure shall be recoverable from the original contractor /agency.
28. No claims of any sort will be entertained after ordering the work. Any dispute or claim must be brought to the notice of IUST in writing and got settled before undertaking such execution of work.
29. On failure of the contractor to carry out or comply with any of the conditions of this contract he will be deemed to have backed out from the contract and all the penalties under the rules of registration of contractor will be enforced against contractor
30. The work or material of defective quality shall be totally rejected and not considered on reduced rates. The contractor shall supply all the material according to approved specification, design and drawings.

Sig of the tenderer