

MECHANICAL IRRIGATION CONSTRUCTION DIVISION

**GOGJIBAGH
SRINAGAR**

Standard Bidding Document

For

**Design, Manufacturing, Providing, Installation, Testing and
Commissioning of 6000KVA(6.0MVA),25500V-33500V/33000V±1%
HT/LT Automatic Voltage Regulator(AVR)at Lift Irrigation Scheme
Tral Stage 2nd**

**NOTICE INVITING TENDER
e-NIT No. MICD/ 06 OF 2015-16 Dated: 06/06/2015**

Phone No. : 0194 – 2310876, Email: exenmicdsrinagar@ifckashmir.com

NOTICE INVITING TENDER
e-NIT No. MICD/ 06 OF 2015-16 Dated: 06/06/2015

For and on behalf of Governor of J&K State, Executive Engineer, Mechanical Irrigation Construction Division, Srinagar, invites tenders by e-tendering mode on item rate basis from established and accredited original equipment manufacturer (OEM) for **Design, Manufacturing, Providing, Installation, Testing and Commissioning of 6000KVA (6.0MVA), 25500V-33500V / 33000V ± 1% HT/LT Automatic Voltage Regulator(AVR)at Lift Irrigation Scheme Tral Stage 2nd**. The authorized dealers / agencies of such OEM having up to date sales tax clearance certificate and relevant experience in work can also participate in the tender. The e Tender to be affixed with Rupees six (₹6) revenue stamp. The bidding process shall be completed online in two covers viz Cover '1st' –Tender fee and Earnest Money details, fulfillment of prequalification criteria, technical specifications and acceptance to terms and conditions of the tender. Cover '2nd' - Financial Bid in the prescribed BOQ.

S. No.	Particulars of the work	Name of Division	Cost of document/ tender fee (In Rs.)	Earnest money (In Rs.)	Validity of Rates
1	2	3	4	5	6
1.	Design, Manufacturing, Providing, Installation, Testing and Commissioning of 6000KVA (6.0MVA) , 25500V-33500V / 33000V ± 1% HT/LT Automatic Voltage Regulator(AVR) complete with first filling of oil and 3 No. 33 KV VCB/panels including civil foundation works, cable laying works, cable Jointing and earthing at Lift Irrigation Scheme Tral Stage 2nd .	Mechanical Irrigation Construction Division, Srinagar	3,000/-	2,50,000/-	180 days

Position of funds: Demanded Under Permanent Restoration Works.

Key/Critical Dates:

Date of Hosting In Website/ Publish date	08-06-2015 (1545Hrs)	Pre bid meeting	20-06-2015 (1100 Hrs)
Document download/sale start date	09-06-2015 (1000Hrs)	Document download/sale end date	07-07-2015 (1600 Hrs).
Clarification start date	10-06-2015 (1000Hrs)	Clarification end date	07-07-2015 (1400Hrs)
Bid submission start date	10-06-2015 (1100 Hrs)	Bid submission end date	08-07-2015 (1000Hrs)
Deadline for receiving the hard copy (as specified in NIT)	09-07-2015 (1100 Hrs)	Bid opening date	10-07-2015 (1500 Hrs)

1. Bid documents can be assessed at and downloaded from the websites www.ifckashmir.com / <http://jktenders.gov.in>
2. The pre bid meeting will be held in the office chamber of the Executive Engineer MICD Srinagar.
3. The Bids shall be deposited on the website <http://jktenders.gov.in>
4. The complete bidding process will be online <http://jktenders.gov.in>.

5. The Technical bids received shall be opened online in the office of the Chief Engineer, Kashmir I&FC Dept., Srinagar on the date given above.
6. The Financial bids of the bidders shall be opened online in the office of the Chief Engineer, Kashmir I&FC Dept., Srinagar after evaluation of technical bids and relevant documents.
7. Bids must be accompanied by bid security and cost of Tender Document as specified in column 4 & 5 of the table payable at Srinagar.
 - a. **Bid security** to be pledged in favour of Chief Account Officer, Kashmir I&FC Department, Srinagar **Bid** security will have to be in form of CDR/FDR of any scheduled Bank and shall have to be valid for one year or more after last date of receipt of Bid.
 - b. The **cost of downloaded tender documents** should be in form of DD in favour of Executive Engineer MICD Srinagar payable at Srinagar.
8. The hard copies of cost of tender document in shape of DD, Earnest money in shape of CDR / FDR and other relevant documents must be delivered to the office of the Chief Engineer, Kashmir I&FC Department, Srinagar up to date and time specified above. Contact Person: **Mr. Tariq (Mobile No: 09419024685.)**
9. The tenderer should possess experience in the relevant field and must have executed such type of jobs either directly or through their authorized agents.
10. The bid shall remain open for acceptance for a period of **180 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.
11. Other details can be seen in the bidding documents from the website <http://jktenders.gov.in>.
12. Queries by email if any should be made at exenmicdsrinagar@ifckashmir.com

No: MICD/586-93.

Date: 06/06/2015.

Sd/-
Executive Engineer
Mech. Irri. Construction Division
Srinagar

Copy to the:-

1. Commissioner/ Secretary to Govt. PHE/I&FC Deptt. Srinagar for information please.
2. Divisional Commissioner, Kashmir for information please.
3. Chief Engineer Kmr. I& FC Deptt. Srinagar for information please.
4. Superintending Engineer Mech. Circle I& FC Deptt. Srinagar for information please.
5. Joint Director Information Department Srinagar for publication of this NIT in two leading Daily Newspapers of J&K and National Dailies.
6. Director (ITJ), Directorate General of Commercial Intelligence and Statistics, 565, Anandapur Sector 1, plot No 22 ECADP, Kolkata-700107(sk.mondal.dgcis@nic.in, itj.dgcis@nic.in) for publishing the NIT in Indian Trade Journal at an early date.
7. Admin. Departmental website (tenders@ifckashmir.com) with a request for hosting of the NIT on departments website: www.ifckashmir.com
8. Notice Board /Record Keeper/ Mater File/ Stock File.

Instruction to Bidders Regarding e-tendering Process

- a. The interested bidder can download the NIT/ bidding document from the website <http://jktenders.gov.in>
- b. 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 vendor. The Bidders, who already possess valid (DSC) Digital Signature Certificates, need not to procure new Digital Signature Certificate.
- c. 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.
- d. Bids will be opened online as per time schedule.
- e. Before submission of online bids, bidders must ensure that scanned copies of all the necessary documents have been attached with bid.
- f. The department will not be responsible for delay in online submission of bids whatsoever reasons may be
- g. All the required information for bid must be filled and submitted online
- h. Bidders should get ready with the scanned copies of cost of documents & EMD as specified in the tender documents The original instruments in respect of cost of documents, EMD and relevant documents be submitted to the Tender Inviting Authority by Speed/Registered post/courier as per time schedule specified.
- i. The details of cost of documents, EMD specified in the tender documents should be the same, as submitted online (scanned copies) otherwise bid will not be accepted.
- j. Bidders can contact the undersigned for any guidance for getting DSC or any other relevant details in respect of e-tendering process.
- k. Bidders are advised to use “**My Documents**” area in their user on jktenders.gov.in, e-tendering portal to store important documents like Experience certificate, Balance sheet, VAT Certificate, Sales Tax Clearance Certificate and other related documents etc., and attach these certificates as Non Statutory documents while submitting their bids.
- l. Bidders are advised not to make any change in BOQ (Bill of Quantities) contents or its name. In no case they should attempt to create similar BOQ manually. The BOQ downloaded should be used for filling the net item rate inclusive of all taxes and it should be saved with the same as it contains.
- m. **Bidders are advised to scan their documents at 100 DPI (Dots per Inch) resolutions with Black and White, JPEG Scan properly**, convert scanned images to PDF
- n. The guidelines for submission of bid online can be downloaded from the website
- o. <http://jktenders.gov.in>

INSTRUCTIONS FOR BIDDER

Tenders to be submitted under two cover system

A) COVER 1st (Technical Cover)

1. Self-attested Scanned copies of below mentioned documents shall be uploaded and hard copies of the same be submitted through courier/ registered/speed post/by hand, in the office of Chief Engineer, Kashmir I&FC Dept, Srinagar, well before the scheduled date and time as mentioned in the clause No. 8 of page 3 of this tender document. Hard copies of the bids received after the expiry of scheduled submission date and time will not be entertained. Contact Person: Mr. Tariq (Mobile No.9419024685)
 - i. Earnest Money Deposit in the shape of CDR/FDR.
 - ii. Demand Draft towards the cost of tender document.
 - iii. Documentary evidence that the tenderer is the manufacturer or the authorized dealer / agency of the item.
 - iv. Acceptance to Scope of work, technical specifications, general terms and conditions of NIT (The scanned copy of completed tender as per requirement of cover 1st accompanied with scanned copies of technical specification as well as terms and conditions of the tender, duly accepted & signed with seal on each page, must be sent by registered post or delivered personally in the office of the Chief Engineer, Kashmir I&FC Dept., Srinagar against receipt)
 - v. Latest “Sales Tax/VAT Clearance Certificate /Latest Return Filed” from the sales tax authority of the State of J&K or any other State as applicable.
 - vi. Documents as prescribed in clause 2 of annexure A (documents relating to Pre-qualification’s for participating in tender process)
 - vii. Technical information and specifications prescribed by the manufacturer for the item.
 - viii. Copy of TIN Registration / DIC registration/ Govt. Contractor registration certificate.

Without aforementioned documents cover 2nd shall not be opened for the firm who fail to upload or give hard copy of the same.

B) COVER 2nd: (Financial Cover) It shall contain the following:

Rates quoted by the bidders in the **BOQ (Bill of Quantities)** please note that financial bid shall be accepted only as per prescribed format, the tenderers must go through all the terms and conditions thoroughly and follow the instructions strictly.

“The quoted rate shall be for destination mentioned in the tender document inclusive of all taxes, duties, levies, charges, transportation cost and transit insurance cost. Rates with conditionality or provision of escalation will be rejected”.

Certificate of Acceptance of Terms & Conditions

**The Chief Engineer,
Kashmir I&FC Dept.
Srinagar**

Sub: - Acceptance of terms and conditions and technical details.

Ref: - e-NIT NO: MICD/ 06 of 2015-16 Dated 06/06/2015.

Sir,

We have downloaded and read all the terms and conditions and technical details contained in the Standard Bidding Document of the above referred e-NIT. It is hereby certified that we accept all the terms and conditions of tender and agree to supply the goods/execute the works in accordance with the details mentioned in the technical specifications.

Yours faithfully

Date: -

Name & Signature
with seal of the firm

Note: - This document should be downloaded, printed by the bidder and duly signed with seal. The signed document should be scanned and uploaded along with cover-I (prequalification/technical bid). However, the hard copy of complete terms and conditions duly accepted should be submitted along with other documents before the date & time specified for the same.

APPENDIX 'A'

TERMS AND CONDITIONS OF NOTICE INVITING TENDER

e-NIT No. MICD/ 06 OF 2015-16 Dated: 06/06/2015 issued vide No: MICD/ 586-93 Dated 06/06/2015.

1. Scope of work:

The scope of work comprises of Design, Engineering, Supply, Delivery, Installation, Testing and Commissioning of 6000 KVA (6.0 MVA), 25500V – 33500 V / 33000 V \pm 1% HT Automatic Voltage Regulator (AVR) Completed with first filling of oil and 03 No. 33 KV VCB/ Panels including Civil Foundation Works, Cable Laying Works, Cable Jointing and Earthing. The work shall have to be executed on site basis at Lift Irrigation Scheme Tral Stage 2nd. The AVR shall have to be designed to suit the site conditions and to withstand frequent voltage fluctuations on 33 KV supply mains within the bandwidth of 25.5 KV to 33.5 KV. Equipment furnished should be complete in every respect with all mountings, fittings, fixtures and standard accessories normally provided with such equipment or needed for erection, completion and safe operation of the equipments including civil works required by applicable codes though it may not have been specifically mentioned in the document.

2. Pre-qualification's for participating in tender process:- (To be enclosed in hard copy).

- a. The intending firm / manufacturer shall submit all requisite credentials of the company along with latest client lists for similar or higher capacity 33 KV AVRs installed and their performance report for its evaluation and fair comparison.
- b. The intending firm / manufacturer should have CPRI Dynamic Short Circuit Type Test Certificate of similar nature of equipment to be enclosed.
- c. The intending firm / manufacturer should have impulse test certificate of the product to be enclosed.
- d. The intending firm / manufacturer should have heat run test facility on full load within the premises of the manufacturer to be confirmed with evidence.
- e. The intending firm / manufacturer should have executed at least two similar or higher capacity jobs in J&K State on 33 KV line with satisfactory performance. Experience profile issued by not less than the rank of concerned Executive Engineer.
- f. Service facility with details inside the State of J&K and other States.

3. Consignee/Paying Authority:

Executive Engineer, Mechanical Irrigation Construction Division, Gogji Bagh, Srinagar.
The tenders are invited on Goods/services delivered at the specified sites i.e at Lift Irrigation Scheme Tral Stage 2nd inclusive of all Taxes, Duties, and Carrying, Forwarding, Transit Insurance, Handling, Loading, Unloading and labour charges for accomplishing complete work as per the scope and specifications laid in the tender document.

4. The offer should be valid for a period of 180 days from the date of opening of price bid. Such tenders which will not be valid for 180 days from the date of opening shall be rejected, even if the rates offered are lowest.
5. The tenderer(s) shall have to quote separately for each item strictly in conformity with the terms and conditions of the tender notice.
6. Conditional tenders shall be rejected even if the rates offered are found to be lowest. Tenders with the conditions such as 'Subject to Market Fluctuations' will also be rejected.
7. The tender documents are non-transferable.

8. Inter-dependent Tender:

Tender(s) which are dependent upon the quotations of other shall not be entertained.

9. Expenses for Tendering:

The tenderer(s) shall not be entitled to any claim towards expenses incurred on incidental at the time of submission of the tenders or subsequent evaluation/ clarifications thereof.

10. Earnest Money:

The tender(s) shall be accompanied with earnest money amounting ₹2, 50,000/- in the form of CDR/FDR pledged to Chief Accounts Officer, Office of the Chief Engineer, Kmr. I & F.C. Department, Srinagar.

Tenderers should carefully note that:-

- i. Tenders not accompanied with requisite amount of earnest money shall not be entertained even if the rates offered are found to be lowest.
 - ii. No exemption or concession towards furnishing of earnest money will be given to the tenderers registered with DGS&D / NSIC Small Scale Units except the Small Scale Units registered with Director, Industries and Commerce Department J&K in which case guidelines framed by Industries Department shall apply.
 - iii. The tenderers should bear in mind that the tender should be accompanied with fresh CDR/FDR towards the earnest money, reference or claim of the firm for consideration of CDRs/FDRs already lying in the Department, towards earnest money with this tender, will be out rightly rejected.
- 11.** Earnest money shall be refundable to unsuccessful tender(s) only after finalization of the tender and shall be retained in case of successful tenderer(s) which shall be treated as security deposit to be refunded after the successful completion of the supply/works or warranty term as the case may be.
The earnest money of the tenderer(s) who back outs or withdraws his tender or fails to abide by its offer after the acceptance is conveyed or posted to the addressee, shall be forfeited to the Government of J&K state besides other remedies available to it under any law being enforce in the State to recover the extra cost, if involved in getting the work executed through some other agency, at defaulters risk and cost.
- 12. Opening of Tender:**
Tenders shall be opened by the Chief Engineer, Kashmir I&FC Dept., Srinagar in his office chambers on the due date or on any other subsequent date convenient to the Tender Opening Committee in presence of tenderer(s) who may wish to remain present at the time of opening of tenders.
- 13.** The Chief Engineer, Kashmir I&FC Dept., Srinagar shall have the discretion to cancel the work order at any time during its currency in case of default on the part of any firm/agency and make such arrangements as may be warranted by the situation at the risk and cost of the firm/agency.
- 14.** The Chief Engineer, Kashmir I&FC Dept., Srinagar reserves the rights to accept or reject any or all tender(s) in part or full without assigning any reason thereof.
- 15.** The tenderer(s) should bear in mind that if it comes to the notice of the Chief Engineer, Kashmir I&FC Dept., Srinagar that they have within the specified period offered lower rate to any other party within the territorial limits of J&K State fall clause would be applied and proceedings will be started for effecting recovery of the difference for entire supply besides action initiated to black list the firm within the jurisdiction of the J&K State.

16. Validity of Rates:-

The rates approved shall remain valid for contract term of one year from the date of issue of job order

17. Prices:

The tenderer(s) are required to quote net landed rates of the material/services to be rendered at Lift Irrigation Scheme Tral stage 2nd for the complete job inclusive of all taxes, charges and levies etc.

The tenderers should not quote/mention any item as : “as applicable at the time of supply” and are as such advised to quote exact rate inclusive of all type of taxes, duties and charges as applicable. It is, as such, in the interest of the tenderers to consult the concerned Departments of Govt. of India as well as J&K Sales Tax Department for the same before quoting / tendering the rates.

18. In the event of any increase ordered by Govt. of India/J&K Govt. in any of the taxes/statutory levies during currency of the rate contract, such increase in rates shall have to be borne by the successful tenderer/supplier. However in case of any decrease in such taxes/levies if any ordered during the currency of the rate contract, such benefits shall have to be passed on to the Department.

19. Standards/ Testing/ Inspection:

The product / material /work at site shall be inspected by Assistant Executive Engineer, Mechanical new lift Sub Division MICD, Sgr. or any other designated inspection authority nominated by The Chief Engineer, Kashmir I&FC Dept., Srinagar after receipt of the consignment. If any item fails to satisfy requirement of technical specifications mentioned in the tender documents, the defective supply due to latent manufacturing defects / transit damages the item shall not be accepted and the tenderer at its own cost shall replace it at the point of delivery.

The firm shall as such keep the department informed about arrival of material at site.

20. Insurance:

It is advised that the goods prior to dispatch be insured through a Nationalized Insurance Company up to its final destination, against all transit risks. The firm shall therefore choose appropriate insurance policy in advance for covering the transit of the goods, charges for which shall borne by the successful tenderer and shall be included in his quoted rates. The department shall pay no extra charges on these accounts.

21. Mode of Dispatch:

The supplier shall dispatch the material through a reputed transport agency direct from dispatching station up to destination.

The material shall be suitably transported for which the supplier shall take due care keeping in view the limitation for maximum size and weight.

22. Completion period:

The work is to be completed on turnkey basis within stipulated time of 120 **days** from the issuance of Allotment order/Letter of intent.

23. Inspection/Test Certificate:

The equipment before dispatch shall be got inspected by third party inspection agency M/S CEIL / EIL /RITES. Charges of inspection shall be borne by the department and paid against production of original vouchers. In case the inspecting agency rejects the whole equipment or a part thereof and the same is again presented to the inspection agency for inspection, the charges shall be borne by the manufacturer.

The GAD/QAP duly approved by the department shall be provided by the contractor firm to third party inspection agency before offering the equipment for inspection.

24. PDD Clearance Certificate:-

The site Engineer or the authorized representative nominated by the department shall have free access to his works during manufacturing and execution to inspect and examine the equipment and its performance. The work / equipment shall have to be got cleared by the Electrical Inspectorate of Jammu and Kashmir Power Development Department (Inspection Agency) and clearance certificate to be obtained from them for the same before commissioning. For this the firm shall have to apply to the Executive Engineer, Electrical Inspection Division Srinagar of Jammu & Kashmir to obtain clearance certificate after charging the transformer and after completion of all works. The inspection fee, if any, shall be reimbursed by the Department against valid proof.

25. Handing Over of the Equipment:-

The firm on completion of the work shall inform in writing to the Executive Engineer, Mechanical Irrigation Construction Division, Srinagar about the readiness of the works for final inspection. The commissioning on trial shall be carried out under the responsibility and at the risk of firm. On conclusion of successful trial operation to the satisfaction of the department, a certificate related to provincial taking over of the works shall be signed by both the parties. This shall mark the commencement of the warranty period which is 12 months.

26. Terms of Payment:

Service tax and any other taxes/ charges shall be deducted at source as applicable. In no case advance payment shall be made.

85% payment along with complete taxes shall be released after receiving the complete material in serviceable condition as per conditions stipulated in the tender document along with required documents and necessary verification thereof by the concerned AEE subject to availability of funds.

5% payment shall be made after complete installation of the equipment and initial testing of equipment at site in all respects and;

Balance 10% shall be kept in deposit and the same shall be released after successful testing and commissioning of AVR for One Irrigation Season, expiry of guarantee period which shall start from the date of commissioning and proper handing over of the assets to the department, subject to furnishing of all routine test certificates of the manufacturer, clearance certificate from the inspection agency and fulfillment of other prerequisites of the contract.

27. Guarantee:

Within 21 days of award of contract the successful tenderer shall have to submit performance security to the department in the form of valid bank guarantee from any recognized bank having its branch in Srinagar for an amount equivalent to 10% of the value of work and bank guarantee will be released after satisfactory performance of AVR for a period of One Year from the date of commissioning of the equipment. If during guaranty period any malfunctioning/defect arises, the firm shall be bound to remove the same within a period of five days of receipt of intimation free of cost. In case of any failure on the part of the firm to remove the defects, the Department may get it removed from any other agency and the cost thereof shall be recovered from the firm and shall be recommended for black listing.

28. Penalty:

In the event of firm failing, declining, neglecting or delaying the works or in the event of any damage occurring or being caused by the firm or in the event of any default or failure by the firm in complying with any of the terms and conditions of the contract, the Chief Engineer Kashmir Irrigation & Flood control Department Srinagar shall with or without prejudice to any other remedies available to it under any law for the time being enforce in the State:

- a) Terminate the contract after 30 days' notice

and/or

- b) Recover the amount of loss caused by damage, failure or default, as may be determined by the department.

and/or

- c) Recover the extra cost, if any, involved in allotting contract to other party.

and/or

- d) Impose of penalty in the form of liquidated damages on account of delay beyond the schedule delivery period subject to one fourth value of contract per fortnight and not exceeding 10% value of the contract.

and/or

- a) Impose a penalty not exceeding 10% (ten) on the value of contract as Chief Engineer Kashmir Irrigation & Flood control Department Srinagar may deem fit and/or forfeit the earnest money / security deposit.

The Chief Engineer, Kmr. I & F.C. Department, Srinagar will reject a proposal for award if it determines that the bidder recommended for award has directly or through an agent, engaged in corrupt, fraudulent collusive, coercive or obstructive practices in competing for the contract in question during the bidding process or in executing the contract.

29. Force Majeure:

Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or approved supplier one against the other if such failure of commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency.

30. Arbitration:

If at any time, any question, dispute or difference whatsoever shall arise between the parties upon or in relation to or in connection with the contract, either of the parties may give the other notice in writing of the existence of such a question, dispute or difference and the same shall be referred for award to two Arbitrators, one to be nominated by the Department and the other by the approved supplier. In case of such arbitrators not agreeing then award of an Umpire to be appointed by the Arbitrators in writing before proceedings with the reference and the decision of the Arbitrators or in the event of their not agreeing of the Umpire appointed by them shall be final and binding on the parties, such a notice of the existence of any question or dispute or difference in connection with the contract shall be served by either party within 45 days (forty five days) of difference failing which all rights and claims under this contract shall be deemed to have been forfeited and absolutely barred upon every or any such reference the cost of incidentals of the reference and award respectively shall be at the discretion of the arbitrator and in the event of their not agreeing of the Umpire appointed by them who may determine the amount thereof or direct the same to be fixed as between party and party shall direct by whom to whom and in what manner the same shall be formed and paid. The revision of the J&K Arbitration Act Samvat 2002 and of the rules there under the statutory modification whereof shall be deemed to apply to the arbitration, disputes, if any regarding reference to Courts shall be subject to the jurisdiction of the J&K Courts only.

31. Specifications of Material/job:

Tenderers must quote for exact specifications and scope as given in Appendix "B" and there shall be no deviation from the approved parameters.

While having submitted the tender by e-tendering method, it is understood that the tenderer is well versed with the conditions under which the equipment is to be used.

32. Clarifications:

In respect of any clarification of the conditions/technical provisions set forth in the tender documents the tenderer(s) shall address this office in person/ writing/ email as per the time schedule envisaged in the instructions to bidders.

- a) The prospective bidder/s or their designated representative, who have downloaded the bid document is invited to attend a pre-bid meeting which will take place as per date and venue given in e-tender notice.
- b) The purpose of meeting will be to clarify issues and to answer queries on any matter that may be raised by the due date.
- c) The bidder is requested, as far as possible, to submit queries (if any) by courier or by fax/ e-mail to reach the Department well in time for scheduled pre-bid meeting. It may not be practicable at the meeting to answer queries received late, but queries and responses/clarifications will be hosted on website.
- d) Any modifications of the bidding documents that may become necessary as a result of the pre bid meeting shall be made by department exclusively through the issue of an Amendment /Corrigendum / Addendum / Clarifications / etc. which shall be hosted on the concerned website.
- e) Non- attendance of the pre-bid meeting will not be a cause for disqualification of the bidder.
- f) Any failure by Bidder to comply with the aforesaid requirement shall not excuse the bidder, after subsequent award of contract, from performing the work in accordance with the scope of contract/agreement.
- g) Bidders are requested to resolve all their clarifications/queries to the Bidding Document before due date of submission of bid. Thereafter bidders are requested to submit their bid in total compliance to Bidding Document without any deviation / stipulation / clarification /assumption.

33. Indemnity Bond:

The firm shall furnish an indemnity bond on non-judicial stamped paper for the total value of the order valid for 12 calendar months from the date of testing and commissioning.

34. Agreement:

As soon as work order is communicated to the firm, the contract shall be complete and binding upon them, the firm shall also be required to execute an agreement with the department within seven days from the date of issue of work order which has to be returned to this office duly filled up, signed and sealed (Page wise) by the prop. or any other authorized officer of the firm witnessed by two persons and attested by the Notary. Three copies of the supply order duly signed by the Prop. Or any other authorized officer of the firm in token of acceptance of supply order should also accompany the agreement. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the Allotment order in favour of successful firm.

The contract shall be deemed to have been entered into at Srinagar within ordinary civil jurisdiction of J&K Court only.

- 35.** All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tenderer.

Sd/-
Executive Engineer
Mechanical Irrigation Construction Division
Srinagar

NOTICE INVITING TENDER

e-NIT No. MICD/ 06 OF 2015-16 Dated: 06/06/2015 issued vide No: MICD/ 586-93 Dated 06/06/2015.

APPENDIX "B"

SCOPE AND TECHNICAL SPECIFICATIONS

S. No.	Description	Sections	To be confirmed by the tendered
I	Scope of Job	Design, Fabrication, Providing of Oil Immersed naturally cooled, on load, step less, rolling contact type, 6.0 MVA, 33 KV H.T. Automatic Voltage Regulator at L.I.S Tral Stage 2 nd .	
1	Construction Features	Oil immersed, naturally cooled, on-load, step less, rolling contact type automatic voltage regulator (controller).	
2	Mode of Operation	Manual / Motorized / Automatic	
3	Service	Out-door	
4	Capacity	6000 KVA	
5	Input Voltage	25500 to 33500 V, 3 phase, 50 Hz	
6	Output Voltage	Stabilized at 33000 V \pm 1%, 3 phase, 50 Hz suitable for balanced / unbalanced load.	
7	Equipment consisting of	a. Step down / Step Up unit	
		b. Regulator Unit	
		c. Buck / Boost Unit	
		d. Automatic Control Panel	
		e. Reversing "Q" Control Panel	
		f. All allied protection devices and bypass arrangements.	
8	Lamination	CRGO	
9	Conductor	EG Copper	
10	Temperature variation	-30 ⁰ C to 40 ⁰ C	
11	Tank	All the units shall be housed inside the sheet steel tank. The number of tanks could be one/ two/ three depending on design parameters and at the time of actual design. The dimensions will be furnished by the firm.	
12	Control Panel	The AVR shall have a complete unit of reversing "Q" panel fitted with four power contactors.	
13	Cabling	As per relevant IS with latest amendments.	
	Fittings and Accessories		
S. No.	Description	Quantity	
A	Unit A+C Separate HT Transformer Units		
1	Lifting Lugs	04 Nos.	
2	Earthing Terminals	02 Nos.	
3	Rating Plate	01 No.	
4	Top Filter Valve with plug	01 No.	

5	Drain valve cum bottom filter valve with plug	01 No.	
6	Bottom sampling valve with plug	01 No.	
7	Conservator fitted with oil filling hole and drain plug	01 No.	
8	Thermometer pocket	01 No.	
9	Plain oil level gauge	01 No.	
10	Magnetic oil level gauge with low oil level contact	01 No.	
11	Silica gel breather	01 No.	
12	Conservation	01 No.	
13	Inspection Cover	01 No.	
14	Air release valve	01 No.	
15	Jacking pads	04 Nos.	
16	Pressed steel radiators	As per requirement	
17	Radiator valves	As per requirement	
B	Additional fittings (or reputed BIS Make)		
1	Dial type oil temperature indicator	01 No.	
2	Double float buchholz relay with alarm and trip contact	01 No.	
3	Buchholz relay shut off valve	01 No.	
4	Marshalling Box	01 No.	
5	PRV or Explosion vent / pressure relief device with trip contacts	01 No.	
6	Stem type OTI/OTI with alarm and trip contact	01 No.	
7	WTI with alarm and trip contact	01 No.	
8	PT for input and output voltage measurement and relay sensing	As per requirement	
C	Special Features		
	Voltmeter for reading input and output voltage (AE Make)	02 Nos.	
	Other accessories	01 Lot	
D	Unit "E" (Reversing "Q" Control Panel): Sheet Steel Enclosure Consisting of:		
1	800 Amp. Special heavy duty power contactors	04 Nos.	
2	Aux. Contactors, Timers and Indication Lamps	Complete Unit	
E	Unit "B" Regulator Unit		
1	Earthing Terminals	02 Nos.	
2	Uni/ Bi-directional Plain Carbon Rollers with tag and tail	48 Nos.	
3	Lifting Lugs	04 Nos.	
4	Drain Valve cum bottom filter valve with plug	01 No.	
5	Silicagel Breather	01 No.	
6	Press Steel Radiator and Valve	04 Nos.	
7	Plain Oil Level Gauge	01 No.	
8	Oil filling hole	01 No.	
9	Thermometer Pocket	01 No.	
10	Remote Metering Panel	01 No.	
11	Marshalling Box	01 No.	
12	OTI with Alarm & Trip Contact	01 No.	
13	Conservator and filter valve	01 No.	
14	Diagram plate	01 No.	
F	Unit "D" Sheet Steel enclosure, self-powered unit,		

	mounted with the tank of Unit B and comprising the following:		
1	PCB 1002/1003 Relay/ Electronic Relay	01 No.	
2	Step Synchronized Geared Motor	01 No.	
3	Other Accessories – 1 Set	01 Lot	
G	Terminals		
	Input : Cable Box / Bushing	03 Nos.	
	Output: Cable Box / Bushing	03 Nos.	
H	Temperature Rise : As per IS 2026 with latest amendments		
	Transformer Oil: first filling of oil conforming to IS : 335 / latest addition	a. Step up/ step down unit b. Regulator unit c. Buck / Boost Unit	
I	Supply of 33 KV Out-door VCB Panels 01 No. 33 KV VCB for In-put and 01 No. 33 KV VCB at Out-put side with all accessories having 25 KA fault level, including over-current relays, earth fault relays, one no auxiliary relay, under voltage / over voltage protection, energy meter, etc. (Complete protection panels) BHEL / Crompton / ABB / Yule make.	02 Nos.	
J	Supply, installation of 33 KV Out-door VCB in addition to two Nos. above (as per I above) along with all required accessories required for By-pass arrangement of the AVR. Make BHEL / Crompton / ABB / Yule.	01 No.	
K	Supply and installation of UPS of 1 KVA capacity along with tubular batteries having capacity to give backup for one hour and power pack (complete set / unit) as per IS make.	01 No.	
L	Any other equipment which the manufacturer deems necessary for the installation of AVR.		
II	Installation, Testing and Commissioning: installation, testing and commissioning of the 6.0 MVA AVR, the following shall be in scope of the tender:		
1	All civil works required for installation and commissioning of AVR as per recommendations of OEM and as per site requirements shall include in the scope of work.		
2	Installation, testing and commissioning of the 6.0 MVA 33 KV AVR, 33 KV VCB protection panels, By-pass Panel, cabling and thimbling etc. The job also includes all types of interconnecting cables, required for completion of the job appropriate size and length required as per site requirement (including sufficient loops) of the cable shall also be provided by the firm.		
3	Any other equipment of work which the manufacturer deems necessary for the installation of AVR.		

Note:- The prospective bidders are advised to visit an assess the site conditions before quoting the tender.

**Sd/-
Executive Engineer
Mechanical Irrigation Construction Division
Srinagar**