

NOTICE INVITING TENDER

For and on behalf of the Governor of Jammu & Kashmir State, sealed tenders affixed with revenue stamp worth Rs.5/- (Rupees Five only) are invited from registered dealers/suppliers, for the supply of **SERVO 5.0 KVA**, as per below mentioned specifications:-

S.No.	Model/Specification	Qty.
1.	SERVO 5.0 KVA SERVO MOTOR OPERATED LINE VOLTAGE 5.0 KVA Correctors Suitable for Phase Voltage Range 90 to 280V (For 2.0 KVA UPS)	30 Nos.

The detailed terms and conditions of the tender can be obtained from the office of Assistant Chief Electoral Officer, Kashmir, Old Secretariat, Srinagar / Assistant Chief Electoral Officer, Jammu Shaheedi Chowk, Jammu as well as from the official website of Chief Electoral Officer, J&K viz., <http://ceojk.nic.in> and the tenders should reach to this office by or before **27th June, 2013 upto 4:00 p.m.**


(Harcharan Singh) KAS
Joint Chief Electoral Officer,
J&K, Srinagar

No.CEO/Acctts/2013-14/ **2852-55**

Dated: **10** -06-2013

Copy to:

1. Director, Information & Publicity Department, J&K, Srinagar for information and with the request to publish the above tender in the two leading newspapers viz., two from Jammu Division and two from Kashmir division.
2. Joint Director, Information Department, Srinagar for information and n/a.
3. Assistant Chief Electoral Officer, Kashmir/Jammu for information and n/a.

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A) TECHNICAL SPECIFICATION OF THE EQUIPMENT:

1. The servo voltage stabilizer shall be copper wound, oil cooled, servo controlled, single phase voltage stabilizer with automatic/manual operation designed for input voltage range of 90V to 280V and output voltage of 220 V $\pm$ 1% with frequency 50Hz of AC supply. The rate of correction of voltage shall not be less than 8V per second between phase and neutral.
2. The no load current shall not be more than 5% of the rated output current. The Stabilizer shall be totally dry powder coated from outside and zinc chromate painted from inside. Panel should be screen printed. The unit shall be housed in steel case of suitable thickness having wheels with sturdy construction to withstand the rigorous shifting movement, repair works and handling. The unit shall be supplied with first filling of oil.
3. The automatic voltage stabilizer shall be provided with the following accessories:-
 - a. Indicating lamps – Mains ON/under voltage/over voltage.
 - b. Audio alarm when the input voltage exceeds beyond limit or overload (Acceptable make AE, L&T, GE, Schneider Elect).
 - c. Voltmeter for input and output voltage with selector switch (Acceptable make AE, L&T, GE, Schneider Elect).
 - d. Switch to change over from automatic to manual operation.
 - e. Auto/manual – raise/lower push button.
 - f. Ampere meter for input and output current with selector switch. (Acceptable make AE, L&T, GE, Schneider Elect).
 - g. Alarm – optional.



- h. Protection against high and low voltage, cut off alarm, its cancellation, short circuiting over load protection and earth fault relay.
 - i. By pass switch/on load change over switch to shift the load from the stabilizer and also to switch off the unit (Acceptable make L&T, Havells, GE)
 - j. Heavy terminal block and solid stage controlled circuits for input, output and earth connection these should be clearly marked.
 - k. Overload and short circuit protection at output side through suitable size of MCCB (Acceptable make, Havells, Seimens, Merlin Gerin, Schneider, Elect, Legrand).
 - l. Efficiency at full load more than 95%. The stabilizer should be conforming to IS 9815/1981.
 - m. The Transformer oil shall be conforming to IS 355 amended upto date with preferred makes as INDIAN OIL (Certificate from Manufacturer shall be enclosed alongwith the invoice).
 - n. Purity of copper shall be minimum 99.97% (Certificate from Manufacturer shall be enclosed alongwith the invoice).
4. The single phase servo controlled automatic voltage stabilizer shall have the following features:
- a. Continuous duty performance at ambient temperature 2⁰C to 55⁰C.
 - b. Stable and effective under system power factor and frequency fluctuation as well as over load upto 15% for one hour and under load upto 50% of the connected load.
 - c. Low internal impedance.
 - d. Negligible wave form distortion during starting, under operation and stopping condition.
 - e. Accommodating effect of higher starting current and should be able to recover from the shock.
 - f. No over shooting or hunting.
 - g. Should ensure fast correction of voltage according to voltage variation specified.
 - h. Capacity of the oil tank should be mentioned.
 - i. The stabilizer shall have a suitable breather with leak proof de-sludging and drain valve, transformer oil lifting hook for mechanical handling gauge of oil level, etc.
 - j. The stabilizer shall have inbuilt suitable tripping arrangement against input voltage going beyond specific range and to start automatically after time delay when the specified range of input voltage is restored in the system.

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The tripping arrangement shall be clearly specified in the tender by the tenderer.

5. The stabilizer shall be marked with manufacturer(s) name, trade mark on the plate fitted on the stabilizer and should indicate its manufacturing S.No. KVA, rating, Range of input voltage and output voltage, rated output current frequency, no. Of phases, quantity of transformer oil and reference to the ISI standard. In addition the following information relevant to servo stabilizer shall also be given on the rating plate.
 - a. Rated KVA
 - b. Rated Voltage
 - c. Type of supply
6. The supplier shall at all times conduct his operation in such a manner so as to avoid any risk to human life or property. In addition, the supplier shall comply with all applicable safety standards, codes and regulations.
7. In case of non-execution of order, back-out, default, delay in trials operation/ commissioning or non-compliance with any of the terms and conditions of supply order, this office shall without prejudice to any other remedy available to it, terminate the order after serving a notice period of 07 days and impose a penalty upto 10% of the value of the particular order.
8. The company shall ensure a call resolution time within the warranty/AMC logging, period of maximum 48 hours from the time of call failure to resolve the call within the stipulated time on more than two occasions in a year will attract penalty of 10% of the order value. The 10% penalty shall be charged if the call remains unresolved for more than four days at a stretch.

B) INSPECTION AND TESTING:

1. The equipment shall be inspected and tested before dispatch to the consignee by a reputed test house to be nominated by the consignee. The firms also shall have adequate testing facilities at their work. The scope of inspection shall include the tests prescribed in IS-9815 of 1994 and 8447 of 1989 as relevant to servo controlled voltage stabilizer for all protections. The inspection certificate should be furnished to the consignee.
2. The inspection charges, if any, shall be borne by the manufacturer/firm.
3. The stabilizer shall be subjected to following tests:
 - a. Insulation resistance test
 - b. High voltage test
 - c. Provision of earthing
 - d. Leakage current test

- e. Output voltage test
- f. No load current test
- g. Measurement of no load losses
- h. Load loss test and efficiency
- i. Induced voltage test
- j. Temperature rise test with short circuit method
- k. Rate of correction test
- l. Locked rotor test for Servo motor.

C) TERMS OF PAYMENT:

1. 90% payment of the cost of goods plus 100% taxes shall be released against delivery, installation and successful testing of the complete equipment after the third party inspection and record of inspection certificate and verification report thereof by the consignee.
2. Balance 10% payment shall be released after satisfactory completion of contract and against a certificate issued by the end user for its satisfactory performance in accordance with the specifications as laid down in the supply order.

Terms and Conditions:-

1. The tender should be properly sealed in the envelopes and duly marked as **"SUPPLY OF SERVO 5.0 KVA"**, addressed to **Chief Electoral Officer, J&K, Block-A, Old Secretariat, Srinagar** and should reach to this office by or before **27th June, 2013 upto 4:00 p.m.** Any tender received after due date and time shall not be accepted. The tenders shall be opened on next working day at **11:30 a.m.** in presence of intending Tenderers/Bidders or their representatives, if they wish to attend on the scheduled date and time, in the office of **Chief Electoral Officer, J&K, Block-A, Old Secretariat, Srinagar.**
2. The intending tenderer shall have to deposit earnest money of **Rs.20,000/- (Rupees Twenty Thousand only)** in the shape of **CDR pledged to the Accounts Officer to Chief Electoral Officer, J&K.** The Tenders without earnest money shall not be accepted even if the rates quoted therein are found lowest.
3. The supplier shall supply the above items strictly in accordance with the quality and specifications as shown against each item in the tender notice.
4. The rates offered shall be valid for one year i.e., upto ending March, 2014 and must be specified against each item in words and figures.
5. In case of any confusion between rates in words and figures, the rates written in words shall be taken as final. All the rates must be **FOR** destination and should include all taxes and levies and no carriage charges for transportation of goods

shall be entertained by the Department. The payment shall be released after the test check certificate is issued by the Technical Officials and installation of equipments.

6. The tenderer shall be income tax payee and enclose the Income Tax Returns of last three years and PAN with the tender document and in case of absence of the last three years returns with the tender, the offer shall be rejected without assigning any reason.
7. The tenderer shall be valid TIN registration holder and TIN certificate should be enclosed with the tender.
8. The successful tenderer shall have to execute an agreement before the receipt of supply order and is bound to fulfil the terms and conditions of the agreement and in case of default the security deposit shall be forfeited and penalty of 5% of the total cost of material shall be imposed on the defaulters.
9. The Chief Electoral Officer, J&K reserves the right to accept or reject any or all bids/tenders or any part of it without assigning any reason thereof.


(Harcharan Singh) KAS
Joint Chief Electoral Officer,
J&K, Srinagar