

**JAMMU & KASHMIR STATE POWER DEVELOPMENT CORPORATION  
OFFICE OF THE EXECUTIVE ENGINEER GENERATION DIVISION GANDERBAL**

NIT NO:- *G106/TW/EM/15* DATED:- *10.12.2009*  
*of 2009-10*

**INVITATION OF BIDS  
FOR  
E&M WORKS OF OLD GANDERBAL POWER HOUSE ON  
TURNKEY BASIS UNDER  
RM&U OF GANDERBAL POWER HOUSE**

**PACKAGE No:- JKSPDC / RMU/E&M/GBLHEP**

Sealed bids in four parts affixed with Rs. 5.00 Revenue Stamp ( Pre-qualification bid, Techno-Commercial bid, price bid and Bid Security) are invited from eligible bidders for carrying out following works under RM&U of Ganderbal Power House:

- 1.0. The Project shall be executed under the Packages No:- JKSPDC / RMU/E&M/GBLHEP for which Chief Engineer Generation Wing Kashmir JKSPDC for and on behalf of the Managing Director, Jammu and Kashmir State Power Development Corporation invites sealed bids under National competitive bidding :-

*“Turnkey Package for Dismantling of existing 2x4.5 Mw Horizontal units, 7 Nos 6.6/33kV 1.875MVA 1Ø Power Transformers along with accessories including other equipments, machinery detailed in the Scope of the bidding document and Design, Engineering, Manufacture, Supply, Transportation to project site, insurance, storage, handling at site, unloading, Installation, Testing and Commissioning, of new 2x4.5 Mw Horizontal units, 7 Nos 1.875MVA 6.6/33kV 1Ø Power Transformers along with accessories including other equipments along with replacement of Spherical Valves for each unit, Reconditioning of Penstock, Trash Rack after RLA/LE Testing of the items envisaged in the tender”*

1.1 **SCOPE**

- a) Dismantling of existing 2x4.5 Mw Horizontal units including all allied accessories and removal of Dismantled equipment and machinery from the site to the destination of the successful bidder inclusive of its handling Transportation and taxes applicable.
- b) RLA/LE Studies of Butterfly Valves at Forebay, embedded Draft tube and Penstock, Power House and Switchyard Earthing, Foundations of units and Power House Building.
- c) Design, Engineering, Manufacture, Supply, Transportation to project site, insurance storage, handling at site, unloading, Erection, Testing and Commissioning of new 2x4.5 Mw Horizontal units.
- d) Dismantling of existing 7 Nos 6.6/33kV 1.875MVA 1Ø Power Transformers along with accessories, other equipments and machinery including removal of

Dismantled equipment and machinery from the site to the destination of the successful bidder inclusive of its handling, Transportation and taxes applicable.

- e) Design, Engineering, Manufacture, Supply, Transportation to project site, insurance, storage, handling at site, unloading, Installation, Testing and Commissioning of new 7 Nos 6.6kV/33kV 1.875MVA 1Ø Power Transformers along with accessories including other equipments and machinery, Circuit Breakers; isolators with or without earth switch(s); Instrument Transformers – CTs & PTs; Surge Arrester; C&R panels with all necessary instruments, relays, meters, switches, internal wiring and other miscellaneous equipment; Battery Bank & battery charger; AC/DC distribution boards; Automatic voltage Stabilizer (AVR) Power & Control cables, Cable trays; Bus-bars, Conductor & Conductor accessories; Clamps & Connectors; Post Insulators & Insulator Hardware; Shield wire / Ground wire and accessories; Earthing & Grounding conductor, Marshalling Kiosks, etc.
- f) Reconditioning of Penstock (based on Outcome of RLA Studies) and reconditioning of Trash Rack.
- g) Design, Engineering, Manufacture, Supply, Transportation to project site, insurance, storage, handling at site, unloading, Erection, Testing and Commissioning of new 1100mm Ø Spherical Valves for each 4.5 Mw Horizontal unit after dismantling of existing Spherical Valves including removal of Dismantled valves and accessories from the site to the destination of the successful bidder inclusive of its handling, Transportation and Taxes applicable.
- h) Design, engineering, fabrication, testing at manufacturer's works, packing and forwarding, insurance, transportation to project site, handling and storage at site, erection, testing & commissioning of ,Structural works covering equipment support structures, columns and beams, post insulator structures, lighting mast, bus bar system including cross over connections, jumpering etc, cable tray & cable laying.
- i) Design, Engineering, Manufacture, Supply, Transportation to project site, insurance, storage, handling at site, unloading, Erection, Testing and Commissioning of Fire Fighting System.
- j) Galvanizing, painting and welding etc. where ever required
- k) Supply of all erection tools & tackles
- l) Supply of Mandatory spares in respect of various equipment / material as listed in the specification.
- m) First fill and extra of consumables such as CO2 etc. oils & lubricants, filling compounds, touch up paint, essential chemicals etc.
- n) The Bidder in his own interest shall familiarize himself with the prevailing Operating mechanism/Excavation of Power/Architecture/Available Space for various Equipments to be installed as per the bidding document in the Power

House to facilitate in the design of equipments offered. No structural modification in Civil Works shall be allowed for any reason.

- o) Any other equipment /material required for completion of entire package.

The following activities are also included in the scope of works.

- a. Detailed design of the equipment;
- b. Providing Engineering drawing, data, Equipment profile, operational manual, etc for the JKSPDC's approval.
- c. Packing and forwarding from the manufacturer's works to the site;
- d. Receipt, storage, preservation and conservation of equipment at the site;
- e. Pre-assembly, if any, erection, testing and commissioning of all the equipment
- f. Reliability tests and performance, tests on completion of commissioning.

The scope also includes all such services / items which are not specifically mentioned in the bidding document, but are necessary for the successful erection, testing and commissioning of the works.

- 2.0. The aforesaid scope of work is only indicative. The detailed scope is described in the bidding document, which are available for inspection and sale, **at the Office of the Executive Engineer Generation Division Ganderbal J&KPDC**, as per the details given below:-

Inspection and sale of bidding document	From 17 <sup>th</sup> December 2009 to 09 <sup>th</sup> January 2010 between 10.30 AM to 4.00 PM on all working days
Cost of bidding document.	Rs. 5000.00( through crossed demand draft in favour of Chief Pay and Accounts Officer JKSPDC Srinagar payable at Srinagar.
Estimated Cost of the Package	Rs. 1779.73 Lacs
Time of Completion	14 Calendar Months

- 3.0 Bidding Documents are non transferable and can be obtained by interested firms or their authorized representatives in person or by Post on submission of a written application and on payment of non-refundable specified amount. Issuance of the bidding documents, however, shall not automatically mean that such firm fulfills / meets the Qualifying Requirements. **The Bidders desirous of obtaining the tender documents by post shall enclose an additional Demand Draft for Rs. 1000.00 favour of "Chief Pay and Accounts Officer JKSPDC Srinagar payable at Srinagar as packaging and postage charges.**
- 4.0. This bidding is open to Indian Contractors/Companies/Firms/Joint Ventures fulfilling eligibility and qualification requirements as specified in the Bidding Documents.

- 5.0. Bids must be **delivered to Chief Engineer Generation Wing Kashmir JK SPDC** at the address mentioned below. Bids will be opened in presence of Bidders/ authorized representatives who choose to be present, as per following schedule.

Last date and time for submission of bids	20 <sup>th</sup> January 2010 at 15.00 Hrs at Office of the Chief Engineer Generation Wing Kashmir PDC, Srinagar J&K India 190010. Phone:- 0194-2494067 Fax:- 0194-2493140.
Bids opening date and time	21 <sup>st</sup> January at 12.00 Hrs or Any other day Convenient to the Bid Opening Authority

- 6.0. All the bids must be accompanied by a bid security of the following amount in a separate sealed envelope without which the bid shall be returned to the Bidder unopened.

Package No.	Amount
JKSPDC/RM&U/E&M/ GBLHEP	<p style="text-align: center;"><b>35.60 Lacs</b></p> <p><b>A.</b> An irrevocable Bank Guarantee acceptable to the Purchaser issued by a nationalized/scheduled bank located in India, pledged to Chief Engineer Generation Wing Kashmir JKSPDC, Bemina Srinagar and valid for 30 days beyond the validity of the bid subject to extension from time to time</p> <p style="text-align: center;"><b>OR</b></p> <p><b>B.</b> In the form of crossed Bank draft payable on any nationalized/scheduled bank located in Kashmir, favouring Chief Engineer Generation Wing Kashmir JKSPDC, Bemina Srinagar</p>

- 7.0 The successful bidder will be required to furnish a Contract performance Guarantee for Ten Percent (10%) of the total contract price on award of the Contract for the packages.

8.0. JK SPDC will not be responsible for misplacement / delay in receipt of either request for issuance of Bidding Documents or receipt of Bidding Documents or Bids sent by post.

9.0 All correspondence / communication including those pertaining to purchase of Bidding Documents and submission of bids with regard to the above shall be made at the following address:-

**Executive Engineer**  
**Generation Div Ganderbal**  
**Phone:-0194-2416234**  
**Mobile:- +919419013680 ,+919419171002**  
**Email:-mudi1@rediffmail.com**

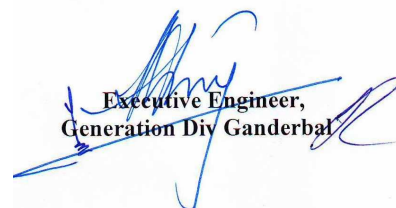
10.0 JK SPDC reserves the right to cancel / withdraw the bid without assigning any reason for such decision. Such decision will not incur any liability whatsoever on the part of JK SPDC consequently.

No:- G/D/-G/BL/2221-35  
Dated:- 10.12.2009.

**Sd/-**  
**Executive Engineer,**  
**Generation Div Ganderbal**

Copy to the:-

1. Managing Director J&K SPDC Jammu.
2. Executive Director JK SPDC Jammu.
3. Chief Engineer Generation Wing PDC, Kashmir for information.
4. Director Finance, JK SPDC Jammu.
5. Director Information Srinagar.
6. Station Director, Commercial Broadcasting Service, Radio Kashmir Srinagar.
7. Superintending Engineer Generation Circle II PDC Kashmir.
8. Company Secretary JKSPDC, Jammu. He is requested to get the NIT hoisted on the Website of JKSPDC.
9. Controller of Publication, India Trade Journal, Counsel House Street Calcutta.
10. Press Information Bureau, JK Chanakya Puri Marg, New Delhi.
- 11-13 Assistant Engineer Power House/Stores/Civil Sub Division.
14. President Contractors Association Srinagar / Ganderbal
15. Notice Board.

  
**Executive Engineer,**  
**Generation Div Ganderbal**