



**KARNATAKA POWER CORPORATION LIMITED**  
**(A Government of Karnataka Enterprise)**  
**CHIEF ENGINEER (ELECTRICAL DESIGNS), BENGALURU - 09**

**NOTICE INVITING TENDER**  
**(TWO COVER SYSTEM)**  
**(Through e-Procurement Portal Only)**

**NO. LOT/CEED/EE6/GPH/R&M/1683**

**Date: 01.10.2018**

Bids are invited in English from the qualified bidders for "Design, Engineering, Supply, Erection, Retrofit, Testing and Commissioning of Plant SCADA, Networking & Communication of Existing Pro-controller P13 of 4 Units, Protection relays for Generators, Generator Transformers & Unit Auxiliary Transformers, Bay Controller Units for Line Protection system, BCU based Bus Coupler Protection system, Centralised Bus Bar Protection system, Energy Meters and Energy Management System, Cables, Communication, Networking, Dismantling, etc., for Gerusoppa Dam Power House".

The details of NIT and brief bid notification can also be seen on KPCL web site: [www.karnatakapower.com](http://www.karnatakapower.com) and <https://eproc.karnataka.gov.in>. Tender documents may be downloaded from Government of Karnataka e-procurement website <https://eproc.karnataka.gov.in> under login for Contractors.

The bid documents can be downloaded from e-procurement web from 01.10.2018

**Further details can be had from**

Chief Engineer (Electrical Designs),  
Karnataka Power Corporation Ltd.,  
22/23, Sudarshan Complex,  
III Floor, Sheshadri Road,  
BENGALURU - 560 009.  
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**1.0 The Chief Engineer (Electrical Designs) invites Bids from the Qualified Bidders for :**

“Design, Engineering, Supply, Erection, Retrofit, Testing and Commissioning of Plant SCADA, Networking & Communication of Existing Pro-controller P13 of 4 Units, Protection relays for Generators, Generator Transformers & Unit Auxiliary Transformers, Bay Controller Units for Line Protection system, BCU based Bus Coupler Protection system, Centralised Bus Bar Protection system, Energy Meters and Energy Management System, Cables, Communication, Networking, Dismantling, etc., for Gerusoppa Dam Power House”.

**2.0 Tender documents can be downloaded from Government of Karnataka e-procurement website <https://eproc.karnataka.gov.in> under login for Contractors.**

After login to Contractors, please scroll down to the right side bottom to see List of tenders, please click there to find the details of NIT and download copy of the tender. The tender can be downloaded in the portal as per prescribed date and time published in the portal. Only interested Contractors who wish to participate should remit on line transaction fee for tender after registering in the portal. The transaction fee is non-refundable.

**3.0 Earnest Money Deposit (EMD):** Tenders must be accompanied by Earnest Money Deposit (EMD) of **Rs.7,00,440/- (Rupees Seven Lakhs Four Hundred and Forty only)** which should be paid online through e-Procurement portal in any of the following payment modes indicated.

- a. Credit Card
- b. Direct Debit
- c. National Electronic Fund Transfer (NEFT)
- d. Over the Counter (OTC) (only through designated branches of ICICI Bank)

**4.0** Brief scope of tender is as follows. Detailed scope has been described in bid documents, which is binding on all the bidders.

S. N.	Name of work	EMD	Tender processing fees (Non-refundable)
1	"Design, Engineering, Supply, Erection, Retrofit, Testing and Commissioning of Plant SCADA, Networking & Communication of Existing Pro-controller P13 of 4 Units, Protection relays for Generators, Generator Transformers & Unit Auxiliary Transformers, Bay Controller Units for Line Protection system, BCU based Bus Coupler Protection system, Centralised Bus Bar Protection system, Energy Meters and Energy Management System, Cables, Communication, Networking, Dismantling, etc., for Gerusoppa Dam Power House".	<b>Rs.7,00,440/- (Rupees Seven Lakhs Four Hundred and Forty only)</b>	As per e-proc portal

The bidders shall quote for full quantity of equipments in the tender, failing which the bid is liable for rejection.

#### 5.0 Eligibility Criteria:

**The following are the eligibility criteria for the bidder:**

- a. The Bidder shall be a Manufacturer of Generator Numerical Protection relays having IEC61850 protocol and shall have Manufacturing facility in India and the relays shall have the facility of configuring the Digital Inputs and outputs and LEDs at site as per purchasers requirement and shall have designed, supplied, networked and commissioned Generator Numerical Protection relays for a Unit having minimum capacity of 60MW and Station capacity of minimum 240MW or higher capacity Generating Station and performing satisfactorily in India for at least two consecutive years in the preceding Five years from the date of NIT.

OR

The Bidder shall be a Manufacturer of DCS based SCADA system and shall have supplied, Installed and Commissioned Generator Numerical Protection relays having IEC61850 protocol and the relays having the facility of configuring the Digital Inputs and outputs and LEDs at site as per purchasers requirement and shall have integrated with DCS based SCADA system and shall have designed, supplied, networked and commissioned DCS based SCADA system for a Unit having minimum capacity of 60 MW and Station capacity of minimum 240 MW or higher capacity Generating Station and performing satisfactorily in India for at least two consecutive years in the preceding Five years from the date of NIT.

- b. The present Auto Sequencer provided for Unit Control, Monitoring and Operations is of M/s ABB make ProControl P13. The plant SCADA system shall be of same make. Where Plant SCADA is of a different make, the bidder has to furnish a declaration for ensuring proper

interfacing and integration for trouble free operation. In the absence of such a declaration in cover-1, the offer will not be considered.

- c. The Bidder should have in the last five years i.e from 2013-14 to 2017-18 achieved in at least two financial years a minimum turnover of **Rs.9.34 Crores**.
- d. The intending bidder shall not have been subject to forfeiture of EMD/foreclosure/termination of their Contract in KPCL or Government or any other utility or shall not have been blacklisted for participating in tender by KPCL or Government or any other utility in India during the past ten years. Bidder shall furnish the notarized declaration in this regard as specified in Schedule (Declaration by the bidder shall be on Rs.200/- non-judicial stamp paper purchased in Karnataka and duly signed by the Notary and uploaded in the e-portal along with the application).

5.1 The intending bidder shall produce the following documentary evidence to satisfy the pre-qualification requirement specified above, and found substantially responsive, fulfillment of which is pre-requisite for opening of Cover-2 containing price bid:

- a. Two Performance certificate signed by an officer of the rank of Chief Engineer or Station Superintendent/ competent authority of Power station/Sub-station certifying the satisfactory performance of the Generator Numerical Protection relays having IEC61850 protocol for a Unit having minimum capacity of 60 MW and Station capacity of minimum 240MW or higher capacity Generating Station by the bidder for at least two consecutive years in the preceding five years from the date of NIT in case intends to qualify under Para No.5.0 (a) above.

OR

Two Performance certificate signed by an officer of the rank of Chief Engineer or Station Superintendent/ competent authority of Power station/Sub-station certifying the satisfactory performance of the DCS based SCADA system and the supplied Generator Numerical Protection relays having IEC61850 protocol for a Unit having minimum capacity of 60 MW and Station capacity of minimum 240 MW or higher capacity Generating Station by the bidder for at least two consecutive years in the preceding five years from the date of NIT in case the bidder intends to qualify as per clause no. 5.0 (a) above.

Relevant work order/s copies for the above shall be furnished if required by KPCL during evaluation process.

- b. Two Performance certificate signed by an officer of the rank of Chief Engineer or Station Superintendent/ competent authority of Power station certifying satisfactory performance of Operation, Control, Monitoring of Upgraded and integrated ABB make Pro Control P13 with the latest Plant SCADA by the bidder for at least two consecutive years in the preceding five years from the date of NIT as per clause no. 5.0 (b) above.

- c. Annual financial statements or reports duly certified by the chartered accountant for preceding five financial years i.e. from 2013-14 to 2017-18 had established an average annual turnover requirement stipulated.
- d. Furnish quality assurance plan adopted.

5.2 The intending bidder shall not have been subject to forfeiture of EMD/foreclosure/termination of their Contract in KPCL or Government or any other utility or shall not have been blacklisted for participating in tender by KPCL or Government or any other utility in India during the past ten years. Bidder shall furnish the notarized declaration in this regard as specified in Schedule-11 of the bid. **(Declaration by the bidder shall be duly signed by the Notary and uploaded in the e-portal).**

6.0 Bidders shall not be under declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka.

7.0 **Calendar of Events:**

a)	Date of issue of NIT through e- portal/ down loading of bid documents.	01.10.2018
b)	Last date for receipt of queries	15.10.2018
c)	Date of pre-Bid meeting	17.10.2018
d)	Date of finalizing replies to queries	26.10.2018
e)	Last date for submission of completed Bids (Covers I & II) up to 14.00 hrs	28.11.2018
f)	Date of opening of Cover-I at 15.00 hrs	30.11.2018
g)	Date of opening of Cover-II (Price bids) of pre-qualified bidders	Would be intimated later

8.0 The tender is of two cover system. Tenders (both Cover-1 & 2) must be electronically submitted (online through internet) within the date and time published in e-procurement portal. First Cover of Tender will be opened at prescribed time and date in the e-procurement portal, in the presence of the Tenderers who wish to be present at the office of the Chief Engineer (Elect-Designs), KPCL, Sudharshan Complex, 22/23, Third Floor, Sheshadri Road, Bengaluru-560009. Opening of Cover-2 shall be intimated later.

9.0 The Bidder should upload original scanned copies of the following documents.

**A. COVER-I (Technical Bid)**

- a) EMD
- b) Documents to meet the qualification criteria as specified in above clause no. 5.1(a) to (d) and 5.2 of NIT.
- c) Details of the Commercial terms and conditions, all the schedules **{Form of Bid (Annexure-A), Schedules - 1 to 13(a) to (p)}** specified in bid document pertaining to commercial terms and conditions. All the technical details and drawings, etc of the technical offer along with all the technical particulars.

## B. COVER-II (Price Bid)

- a) Price schedule on line at e-portal.
  - b) The successful bidder shall furnish the detailed price breakup in Price **Schedule-14** for the above scope immediately after opening of Cover-II, for KPCL 's review/ comments/ approval for regulation of payments.
- 10.0** Bids submitted within the scheduled date and time shall only be eligible for further processing of the bids. Any bid submitted after the date and time specified shall be rejected even if it is accepted by the e-portal. Date and time stamp of the e-portal system shall be final in deciding the time of submission of bid. Decision of the Corporation in this regard shall be final and acceptable to all the bidders.
- 11.0** The original documents should be produced for verification at any stage of tender process as and when sought for, failing which, the bids are liable for disqualification.
- 12.0** *The total FOR destination price including taxes shall be quoted in e-procurement portal* and prices shall be quoted in price schedule (Price bid) in the website itself.
- 13.0** Price bid of tenderers who have furnished all the documents to meet the qualification criteria, technically and commercially responsive will only be opened.
- 14.0** The tender shall be valid for **180 days** from the date of opening of Cover-1 of the bid.
- 15.0** **Delivery period:**
- a) **Supply: 28 weeks** from the date of LOA / detailed order whichever is earlier.
  - b) **Erection, Testing & Commissioning Period:** Erection, testing & commissioning Period shall be 4 weeks for each Unit, 4 weeks for centralised (Main) SCADA, 2 weeks for Bus Coupler Protection system, 1 week for each Line BCU and 4 weeks for Busbar protection system. Totalling to **28 Weeks**.
  - c) **Total Contractual Period:** Total **56 weeks** for Supply of equipment, Retrofitting, Testing & commissioning of complete system as per the site requirement.
- 16.0** KPCL reserves the right to verify any information/documents furnished by the bidder should the circumstances so warrant. In case the information or the documents furnished are found to be incorrect/false or invalid then the EMD furnished by such bidder shall be forfeited. The registration of such tender shall also be cancelled.
- 17.0** Corporation reserves the Right to reject any or all the tenders without assigning any reasons. However, in all cases KTPP act shall be followed.

- 18.0 Any other information required may be obtained from the office of the undersigned during office hours.
- 19.0 The bid Notification along with Blank Tender Form will be accessible on the e-procurement website (<https://eproc.karnataka.gov.in>).
- 20.0 Bidders who have not obtained the user ID and Password for participating in e-procurement in Karnataka Power Corporation Limited may now obtain the same from the website (<https://eproc.karnataka.gov.in>).
- 21.0 Corrigendum/modification/corrections, if any, will be published in the website only. For any clarification on e-procurement or request for e-procurement training, bidder can contact HP HELPDESK at – 080- 23010900/01 & 080-38013000.

 01/10/2018

**CHIEF ENGINEER (Electrical Designs)**  
**KPCL, Bengaluru**