



**KARNATAKA POWER CORPORATION LIMITED**

**(A Government of Karnataka Enterprise)**

**Executive Engineer (Solar), Bengaluru-01**

**CIN:U85110KA1970SGC001919**

**Notice Inviting Tender**

**Abstract Bid Notification**

**(TWO COVER SYSTEM)**

**(Through e-Procurement Portal Only)**

**No. KPCL/2022-23/PS/WORK\_INDENT12281**

**Date:05.05.2022**

**Sub : “Operation and maintenance of Solar PV equipments along with grid connecting equipment and Balance of plant system of 3 MW solar power plant at Itnal Village, Chikkodi Taluk, Belagavi District for a period of five years”**

Bids are invited in English from the qualified bidders for the work of **“Operation and maintenance of Solar PV equipments along with grid connecting equipment and Balance of plant system of 3 MW solar power plant at Itnal, Belagavi District for a period of five years”**.

The details of NIT & brief bid notification, Tender documents may be downloaded from Government of Karnataka e-procurement website <https://eproc.karnataka.gov.in> under login for Contractors.

**Further Details Can Be Had From:**

Executive Engineer(Solar)

Karnataka Power Corporation Limited

# 3, Green Building, First Floor, Palace Road,

BENGALURU - 560 001.

Mobile Nos.: +91 94806 82821

E-mail address: [eegswsolar@gmail.com](mailto:eegswsolar@gmail.com)

Website: [www.karnatakapower.com](http://www.karnatakapower.com) & [www.eproc.karnataka.gov.in.com](http://www.eproc.karnataka.gov.in.com)

**Executive Engineer(Solar)  
KPCL, Bengaluru**



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**1.0** The Executive Engineer (Solar) invites bids from the eligible tenderers, for the work detailed in the Table below. The tenderers may submit tenders for work given in the table.

<b>Sl. No.</b>	<b>Name of work</b>	<b>Approximate value of work (Rs.)</b>	<b>Earnest Money Deposit (Rs.)</b>	<b>Transaction fee (Rs.)</b>	<b>Period of completion</b>
1	“Operation and maintenance of Solar PV equipments along with grid connecting equipment and Balance of plant system of 3 MW solar power plant at Itnal, Belagavi District for a period of five years”	1,60,11,000/-	2,40,165/-	As in e-Procurement portal of GOK	5 Years

**2.0 Detailed Scope of work :**

“O&M of 3MW Solar PV Plant at Itnal in Belagavi District for a period of five years”

a) Operation and Maintenance works :

- Day to day operation of the plant
- Maintaining proper illumination system at the plant
- Module cleaning with pressurized water as per schedule including minor repairs of pumps & motors used for module cleaning.
- Maintenance of Switchyard equipments & maintenance of all Civil structures such as buildings, compound wall, foundation structures of all equipments including electrical equipments, roads etc.,
- Preventive maintenance of the plant, Array Junction Box, Inverters, Batteries, Battery Charger, Module earth pits & structures

- Minor repair works of transformer, transformer oil top up [only oil filtration & labours], HT panels, inverters etc.
- Maintenance of Generation record & other data
- Follow up with HESCOM if there is any evacuation problems
- Preparing & sending daily & monthly generation details to the concerned Engineer
- Solving daily site issues
- Minor painting, Oiling, greasing & other routine jobs
- Painting of switchyard equipments, structure, danger boards, fencing & marshalling box etc.
- Loading, unloading, coordination with repair agencies.
- Deployment of staff as per tender document
- Maintenance of 10kW Roof top solar PV system

b) General works :

- Minor electrical repair works and replacement of bulbs, fuses, tube light fittings, Fan fittings etc., along with materials.
- Plumbing repair works, replacement of damaged plumbing items like taps, fittings etc.
- Cleaning of surrounding area & all the plant, building, offices, toilets including supply of housekeeping materials such as cotton waste, soap, phenyl, moping stick, broom & other materials.
- Maintenance of existing garden, weeding etc.
- Checking & refilling of fire extinguishers
- Pest Control
- Maintenance of existing computers including minor repair.

Payment towards petty repair/minor works will be made on quarterly basis during each year of O&M period on pro- rata basis against actual work with bill, against certification by KPCL Engineer.

**3.0** Pre-qualification criteria & bid documents may be downloaded from Government of Karnataka e-procurement website <https://eproc.karnataka.gov.in> under login for contractors.

**4.0** 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 & download copy of the tender. The tender can be downloaded from the portal as per prescribed date & 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.

**5.0 EARNEST MONEY DEPOSIT (EMD)**

- i. **EMD:** The e-payment shall be made for **Rs 2,40,165/-** through direct debit, credit card & National Electronic Fund Transfer (NEFT) or Over The Counter (OTC) only through ICICI Bank.
- ii. The EMD furnished by the bidders will be forfeited in case the bidder withdraws the offer during the validity or violates any clause stipulated in the bid.
- iii. EMDs of unsuccessful bidders shall be refunded, subsequent to issue of LOA on successful bidder. The EMD will not carry any interest.