

**GULBARGA ELECTRICITY SUPPLY COMPANY LIMITED**  
**(A Government of Karnataka Enterprise)**

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Office of the Chief Engineer Electy.,  
(Operations), Corporate Office,  
GESCOM, Kalaburagi,  
Pin Code.585 102.

**Bid Enq.No. GESCOM/CEE(O)/SEE(Projects)/EEE(IPDS)/2019-20/36824-54/RCR Date: 27-9-19**

**Short term Tender (NIT)**  
**(Through e-procurement Portal only)**

Chief Engineer Electy., (Operations), Corporate Office, GESCOM, Kalaburagi, invites bids from the eligible bidders to Design, Manufacture, Supply, Installation, Testing & Commissioning of Solar RTPV Grid connected power plants on the Roof-tops of **35** Nos. totalling to 339 Kwp on the existing GESCOM office buildings and substations in Raichur Circle of GESCOM jurisdiction including operation & maintenance for a period of ten years.

- 1. PERIOD OF COMPLETION: 6 (Six) Months** including monsoon period from the date of issue of DWA.
- 2. Amount put to tender: Rs. 191.22 Lakhs.**
- 3. EMD:**

Bids shall be accompanied by Bid Security/Ernest Money Deposit (EMD) for an amount of **Rs. 2.86 Lakhs**. The Payment of the same shall be made as follows:

- a EMD shall be paid within the due date & time. The mode of payment of EMD shall be through any of the four e-payment modes mentioned in the e-procurement Portal. Upto Rs.10,00,000/- EMD to be paid through E-Procurement Portal and for the balance the bidder shall furnish Bank Guarantee (BG) issued by any Nationalised/Scheduled bank should be scanned and uploaded.
- b Permanent EMD holders for Turnkey/Partial Turnkey Projects with **GESCOM** are **not exempted** from furnishing the Bid Security (EMD). **“PERMANENT EMD HOLDERS SHOULD ALSO FURNISH BID SECURITY”**
- c Government/Quasi Government/Public Sector Undertakings are **not exempted** from furnishing the EMD. However, GoI/ GoK

undertakings like MECON, KAVIKA, MEI etc., are allowed to pay the stipulated EMD against individual bids in the form of Bank Guarantee.

#### **4. PRE-QUALIFYING REQUIREMENT :-**

##### **1.1 Qualifying Requirements of the Bidders:**

- i. Proposals can be submitted by an individual firm, Joint venture(JV) or consortium of companies.
- ii. The JV can be between two companies located in India.
- iii. Bids may also be submitted by joint venture/Consortium firms (having not more than two partners with one partner as lead partner).
- iv. If the bidder forms a Consortium, it must satisfy the pre-qualification criteria
- v. If the bidder forms a Consortium, the bid shall be signed so as to legally bind all members of the Consortium, jointly and severally. A copy of the consortium agreement on non-judicial Rs. 200/- stamp paper satisfying the above conditions shall be submitted with the bid indicating role and duties of each consortium member.
- vi. The lead member of the consortium will be designated who shall be in-charge. He shall have due authorization with a power of attorney on non-judicial stamp paper and shall be submitted with the bid from the consortium members. The lead member shall be authorized to incur liabilities and receive instructions for and on behalf of any and all Consortium members for the entire execution of the job and dealing shall be done exclusively with the lead member in-charge. He shall also be authorized to receive payments on behalf of all members.
- vii. In case of successful bidder, the agreement shall be signed by the Lead Member and shall be legally binding on all the members of the consortium. All members of the consortium shall, however, be liable jointly and severally for execution of the job and fulfilling the terms and conditions of the agreement.
- viii. In case of consortium, it would be sufficient if the prime bidder makes the remittance of the cost of bid document.
- ix. All partners of the consortium shall be liable jointly and severally for the execution of the contract in accordance to the contract terms and a statement to this effect shall be included in the authorization mentioned above as well as in the Bid and in the agreement (in case of successful bid). The consortium agreement should indicate precisely the role of the members of the consortium in respect of the contract.
- x. Alternatively, a letter of intent to execute a consortium agreement in the event of a successful bid shall be signed by all the partners and submitted with the bid together with the copy of the proposed agreement with GESCOM.

- xi. Only one Bid will be allowed from a Consortium. The partners of a Consortium are not allowed to bid individually or to be the partner of another Consortium who has also offered the bid.
- xii. This section covers the minimum requirements with respect to experience, capability and other particulars of the Bidder to be considered eligible for participation in the bid for the proposed work. The bidder shall become eligible to bid on satisfying the essential “qualifying requirements” and on uploading of the required documentary evidences along with the Tender.

## 1.2 Technical Capabilities:

Sl. No	Minimum Eligibility Criteria	Document to be uploaded
<b>TECHNICAL CAPABILITIES</b>		
a)	The Bidder/JV should be Manufacturer of PV modules/ Inverter or an approved SPV channel partner of MNRE or System Integrator.	Proof of necessary document should be uploaded with valid period and capacity allotted.
b)	The bidder should possess valid Class-I license issued by the Electrical inspectorate of Govt of Karnataka/Central Inspectorate organization of Govt. of India/ other state Govt. In case bid submitted joint venture firm, any of partner should possess valid class-I electrical license.	Proof of necessary document should be uploaded.
c)	The Bidder should have PF, ESI, GST, Labour License issued by competent authority and proof of such registration shall be enclosed along with the bid.	Proof of necessary document should be uploaded.
d)	The Bidder shall furnish the Guaranteed Technical Particulars (GTP) of all the components of Solar RTPV systems along with the bid.	GTP of each equipment of Solar RTPV systems shall be uploaded.
e)	The Bidder shall furnish relevant IS / IEC test certificate as applicable for PV Module (Solar panel) , Solar Inverter (PCU) and Bi directional Net Meter.	The Bidder shall upload a copy of the valid IS/ IEC test certificates as applicable for PV Module (Solar panel) , Solar Inverter (PCU) and Bi directional Net Meter of Solar RTPV systems
f)	The Bidder must not have defaulted in supplies against any of the previous Purchase Orders placed by GESCOM or any other Govt. Utility/PSU as on the date of bid opening.	Necessary Self-declaration letter shall be uploaded.
g)	Bids may also be submitted by joint venture firms (having not more than two partners with one partner as lead partner)	

h)	<p>The Bidder/JV/Consortium should have installed at least five works of grid connected Solar RTPV/ Solar PV systems of minimum total 400 KWp pertaining to any DISCOMs or public utility department during last five years i.e, 14-15,15-16, 16-17, 17-18 &amp; 18-19</p> <p style="text-align: center;">OR</p> <p>The Bidder/ JV/Consortium should have installed a single work of Solar RTPV/ Solar PV systems of minimum 1 MWp pertaining to any DISCOMs or public utility department during last five years i.e, 14-15,15-16, 16-17, 17-18 &amp;18-19</p>	<p>Copy of the Work Orders &amp; Performance Certificates for satisfactory functioning of the grid connected solar RTPV System /Solar PV System for a period of not less than one year shall be uploaded.</p> <p>The performance certificate shall be issued by the officer not below the rank of Executive Engineer or equivalent rank.</p>
<b>FINANCIAL CAPABILITIES:</b>		
a)	<p>The Bidder shall have a minimum annual turnover amount not less than 50% of amount put to tender in any one year of the preceding three financial years 2016-17&amp; 2017-18, 2018-19 as on the date of bid opening.</p> <p><b>If the bidder is participating in more than one package the cumulative amount put to tender of each package will be considered.</b></p>	<p>a) Annual Report b) Balance Sheet c) Profit &amp; Loss accounts</p> <p>For the three audited years (2016-17, 2017-18 and 2018-19) certified by Chartered Accountant shall be uploaded. The acknowledgement copy of turn over certificate submitted to the Income Tax Department is to be uploaded along with Profit and Loss Account and Balance Sheet. i.e, Indian Income Tax Return Acknowledgement</p>
b)	<p>The bidder shall furnish the bank credit facility equal to 25% of amount put to tender or more, from any Nationalized / Scheduled Public Sector Undertaking Banks in the prescribed format attached as annexure. The bank credit certificate issued in the name of Chief Engineer (Electy), (Operations), Corporate Office, Station Road GESCOM, Karnataka State, of not older than 3 (Three) Months as on last date of submission of the bid. The said Credit Facility Certificate should possess the name of the firm and tender enquiry No.</p> <p><b>If the bidder is participating in more than one package the cumulative amount put to tender of each package will be considered.</b></p>	<p>Availability of Credit facility certificate issued by any Nationalized / Scheduled Public Sector Undertaking Banks in the prescribed format attached as annexure is to be uploaded.</p>

### 1.3 GENERAL CONDITIONS:

- i. Bidder shall have adequate knowledge of the work proposed in the tender, design procedures including quality control and shall have infrastructure and erection facilities and capacity to execute the works.
- ii. GESCOM reserves the right to offer a specific number of Packages to Technically & Commercially qualified bidders keeping in view of quantitative requirements and the delivery and installation schedule offered by the Bidders.
- iii. If there is any hindrances like building mechanical strength, space constrains etc. at the time of execution, GESCOM reserves the right to ADD/MODIFY/DELETE any of the GESCOM office buildings and substations.
- iv. During O & M period, If the successful bidder having been notified and fails to rectify the defect(s) and restore the SPV Modules to good working condition within the period of 7 days, then a penalty of Rs. 200/- per kw per day of the breakdown period will be levied. This will be deducted from the bills due.
- v. The bidder is at his liberty to conduct preliminary survey of the rooftop of building, where the proposed Solar RTPV panel is proposed to be erected and also L.T power supply connections with equipments.
- vi. The Bidder shall make all arrangements as part of the contract for design, manufacture, and supply, Installation, testing, Commissioning including warranty, operation and maintenance for a period of ten years and train the personnel at his own cost
- vii. The Bidder should be fully and completely responsible to GESCOM for all the deliveries and deliverables. The bidder shall be responsible for the proper functioning of the finally erected systems
- viii. The successful bidder shall provide comprehensive operation & maintenance of the plant for a period of Ten (10) years from the date of successful completion of trial run.
- ix. The SPV module shall carry a warranty of minimum 25 years.
- x. The output of solar power system shall not degrade more than 10% in 10 years and 20% in 25 years evenly spread over the entire period.
- xi. The successful bidder shall be required to meet minimum guaranteed generation with Performance Ratio (PR) at the time of commissioning and related Capacity Utilization Factor (CUF) as per the Direct Normal Irradiance (DNI) levels of the location during the O&M period. PR should be shown minimum of 75% at the time of inspection for initial project acceptance. Minimum CUF of 15 % should be maintained for a period of 10 years for release of performance BG. The bidder should send the periodic plant output details to GESCOM for ensuring the CUF. The PR will be measured at Inverter output level during peak radiation conditions
- xii. The successful bidder shall guarantee a minimum generation of 5 units per kWp per day or as per MNRE norms for a minimum of 300 days in a calendar year failing which penalty on the generation shortfall units at 2 times the Solar tariff applicable for Roof top and Small solar PV Plants as

notified KERC will be levied, if short fall is because of the defective components

- xiii. Monitoring of solar generation and levy of Penalty for any short falls shall be with Divisional Executive Engineers concerned
- xiv. The Bidder shall provide the Data logger for providing Automatic data regarding SRTPV generation with frequency as insisted by GESCOM including the load curves for daily solar generation of both AC and DC with analytics in case Solar generation falls below baseline and to ensure 100% efficiency of panels as per design, after allowing natural degradations
- xv. The bidder shall furnish automatic data for solar generation on both AC and DC by installing suitable switch to the Desktop of personal computer identified in the building.

**E. PUBLIC SECTOR COMPANIES:**

Public owned enterprises domiciled in the owner/Lessee country may be eligible to qualify if, in addition to meeting all the above requirements, and also:

- a) Are commercially oriented Legal Entities distinct from the owner/Lessee, and are not a Government department.
- b) Are financially autonomous, as demonstrated by requirements in their constitutions to provide separate audited accounts and return on capital, powers to raise loans and obtain Revenues through the sale of goods or services and,
- c) Are managerially autonomous.
- d) PSUs shall note that no preference/advantage of whatever nature will be given in evaluation/comparison of bids and in Award of Contract.

**5.0 Bid Documents:**

Bid documents in the following format will be available on the web site on or after 3-10-2019.

**VOLUME- I** - COMMERCIAL REQUIREMENTS.  
& TECHNICAL REQUIREMENTS & QUALIFYING REQUIREMENTS

**VOLUME- II** - Technical Specification.

**5. Calendar of Events:**

<b>Calendar of Events:</b>	
<b>Last Date for Queries</b>	<b>As per E-procurement portal</b>
<b>Last date for submission of bids</b>	
<b>Opening of Technical bids</b>	
<b>Opening of price bids</b>	<b>Soon after the meeting of the Technical Evaluation</b>

6. The Bids are invited and to be submitted through e-procurement mode only. The Bid Notification, Bidding Documents are available on **<https://eproc.karnataka.gov.in>**. Bidders can download the bid documents from the e-procurement portal ([www.eproc.karnataka.gov.in](http://www.eproc.karnataka.gov.in))
7. In addition, when submitting bids via the e-procurement Portal, **Tender Processing Fee** must be paid and this is payable on the e-procurement Portal <https://eproc.karnataka.gov.in>.
8. The prospective Bidders may obtain further information from the office of **Chief Engineer Electy., (Operations), Corporate Office, GESCOM, Kalaburagi - 585 102** during the office hours. 9448359004. E-mail ID : [ceecp2@gmail.com](mailto:ceecp2@gmail.com) & [seprojectsgescom@gmail.com](mailto:seprojectsgescom@gmail.com).
9. For obtaining user ID & Password, e-procurement clarification/problems  
E-procurement Help Desk : 080-25501216  
: 080-25501227

**Chief Engineer Electy.,  
(Operations)  
GESCOM, Kalaburagi**