



SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF ON GRID 111 kWp (consolidated) CAPACITY ROOFTOP SOLAR PV POWER PLANT AT OUR OFFICES/ BRANCHES IN HUBBALLI CIRCLE

**COMPETITIVE TENDER DOCUMENT
FOR**

SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF ON GRID 111 kWp (CONSOLIDATED) CAPACITY ROOFTOP SOLAR PV POWER PLANT AT OUR OFFICES/ BRANCHES IN HUBBALLI CIRCLE

**TENDER REFERENCE NO : HUB/RTSP/2/2022
DATE OF RFP DOCUMENT : 14.04.2022**

THIS TENDER CONSISTS OF 2 BIDS:

**PART I : TECHNICAL AND COMMERCIAL BID
PART II : PRICE BID**

ISSUED BY

**CANARA BANK
PREMISES & ESTATE SECTION,
CIRCLE OFFICE, CANARA BANK,
2ND FLOOR, CENTRUM BUILDING
AIRPORT ROAD, HUBLI- 580030.
E-MAIL: PECO HUB@CANARABANK.COM
CONTACT NUMBERS : 0836-2239424/433/434**

PART-I TECHNICAL AND COMMERCIAL BID
(To be submitted in sealed envelope marked
“Envelope No. 1- Technical & Commercial Bid”)

NOTICE INVITING TENDER (NIT)

CANARA BANK, PREMISES & ESTATE SECTION, CIRCLE OFFICE, HUBBALLI, invites sealed tender for the work mentioned below:

- 1). Name of the work: **Supply, Installation, Testing, Commissioning & Maintenance of 111 kWp (consolidated) ON-GRID Rooftop Solar Photo Voltaic Power Plant at our Offices/ Branches in Hubballi Circle.**
- 2). EMD: Rs.1,35,000/- (Rupees One Lakh Thirty Five Thousand only) by way of Demand Draft drawn in favour of "Canara Bank, Circle Office - payable at Hubballi or by way of Bank Guarantee obtained from any Scheduled Commercial Bank other than Canara Bank valid upto validity period of the tender in the Bank's approved format (in a separate sealed cover), super-scribing 'EMD for Tender for supply and installation of 111 kWp (consolidated) capacity Roof Top solar power plant at our Offices/ Branches in Hubballi Circle and the same should be submitted along with Technical & PRICE bid. However, those who have exemption certificate from NSIC / Similar Government authorities as per provision of MSME Act will be exempted from submission of EMD subject to the submission of valid document/certificate to that effect.
- 3). TIME OF COMPLETION: 60 days from the 14th day from the date of work order issued by the Bank including mobilization period.
- 4). CONTENTS OF THE TENDER::

PART - I

- Notice inviting tender
- Check List for Enclosures
- Appendix-I - Eligibility criteria for qualification for opening of price bid
- Appendix-II - Important terms and conditions of the contract
- General rules and instructions for the guidance of the tenderer
- Tender offer, Letter of acceptance, Form of agreement, Indemnity Bond format and Bank Guarantee format
- General Conditions of the Contract
- Safety Code
- Schedule A - Special information to the tenderers

SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF ON GRID 111 kWp (consolidated) CAPACITY ROOFTOP SOLAR PV POWER PLANT AT OUR OFFICES/ BRANCHES IN HUBBALLI CIRCLE

- Schedule B - Special instructions to the tenderers
- Schedule C- Technical specifications
- Profile of the Bidder
- Technical particulars to be furnished by the Bidder
- Scope of Comprehensive AMC
- Unpriced format of Price bid

The above form the first envelope under caption "**Technical and Commercial bid**"

PART - II

Price bid - Second Envelope

5). Concept of tender: The tender concept is "2 Envelope Concept"

First envelope - 1 - Technical cum commercial bid

Second envelope - 2 - Price bid

Both bids should be submitted on the same date & time but in separate envelopes, sealed and super-scribed the name of the work on the envelope.

6). Submission of tender:: The original tender copy issued should be submitted in the respective envelopes.

7). Date of submission: Sealed envelopes to be submitted on or before
05.05.2022 up to 3.00 PM

8). DATE OF OPENING: Technical & Commercial Bid will be opened on
05.05.2022 at 3.30 PM

9). **PREBID MEETING**: A pre-bid meeting is scheduled on **25.04.2021 at 03.00 PM** at Canara Bank, Circle Office, 2nd Floor, Centrum Building, Airport Road, Hubli- 580030. The Vendors are requested to make a site visit and assess the site requirement before the pre bid meeting. During the said pre-bid meeting clarifications can be sought regarding the tender.

Tender documents can be downloaded only from the Banks **website (www.canarabank.com)** free of cost. The Tender documents shall be in 12 size font & A-4 size paper and neatly bounded (hard bound / spiral bound) in two separate books (i.e. Technical bid and Financial bid) and submitted as detailed in clause 10 below.

**DEPUTY GENERAL MANAGER
PREMISES & ESTATE SECTION
CIRCLE OFFICE
HUBBALLI.**

PLACE: Hubballi
Date: 14.04.2022

SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF ON GRID 111 kWp (consolidated) CAPACITY ROOFTOP SOLAR PV POWER PLANT AT OUR OFFICES/ BRANCHES IN HUBBALLI CIRCLE

**Checklist for Enclosures
(Bidder should fill up YES or NO without fail)**

| | Bid Enclosures | YES or NO |
|------------|---|------------------|
| 1. | Whether the Tender is submitted in Two covers Technical Bid and Price Bid? | |
| 2. | Whether Two covers along with EMD cover in Technical Bid are put into an outer cover? | |
| 3. | Whether Technical Bid (Envelope- A) contains the following | |
| 3.1 | Bidder's undertaking covering letter in the Letter Head shall be signed by the authority, stamped and submitted. | |
| 3.2 | Signed and stamped Letter of Authorization or Power of Attorney for signing the Tender document shall be submitted. | |
| 3.3 | All sections covered in the Tender document in full shall be signed by the authority, stamped and submitted | |
| 3.4 | Earnest Money Deposit (EMD) amount as specified in the Tender shall be submitted | |
| 3.4a | In case of claiming exemption from EMD, valid document/ certificate for exemption of EMD from NSIC/Similar Government authorities shall be submitted | |
| 3.5 | Filled up Technical Bid and Profile of bidder shall be signed by the authority, stamped and submitted | |
| 3.6 | Unfilled price bid format shall be signed by the authority, stamped and submitted | |
| 3.7 | All supporting documents for proving the Eligibility Criteria shall be signed by the authority and stamped in all pages | |
| 3.8 | Supporting documents to meet the Eligibility Criteria | YES or NO |
| | a) All the supporting documents to meet the Eligibility Criteria as laid down in the Tender under Eligibility Criteria shall be signed by the authority and stamped | |
| | b) Bidder's Certificate of Incorporation or Registration | |
| | c) Balance Sheet and Profit & Loss accounts for the past three year should be submitted. | |
| | g) Clientele list for the SPV power plants installed | |
| 3.9 | Following Test Certificates & Reports as per clause 15 | |
| | i. SPV Modules | |
| | a) IEC 61215 / IS 14286 for Crystalline Modules | |
| | b) IEC 61730 Part 1 & 2 | |
| | c) IEC 61701 | |
| | d) STC performance certificate | |
| | ii. Balance of System (for PV Power Plants) | |

SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF ON GRID 111 kWp (consolidated) CAPACITY ROOFTOP SOLAR PV POWER PLANT AT OUR OFFICES/ BRANCHES IN HUBBALLI CIRCLE

| | | |
|-----------|---|--|
| | a) Power Conditioners / Inverters -IEC 61683 & IEC 60083-2(1,2,14,30), IEC 62116, IEC 62109/ Equivalent standards | |
| | b) Cables- IS: 1554/IEC 60502 AND IS 694/IEC 60227 or Equivalent IS standard | |
| | c) Switches / Circuit Breakers/ Connectors - IS/IEC 60947 Part I,II,III & EN 50521 | |
| | d) Junction Boxes / Enclosures of Inverters- IP 65 & IEC 62208 | |
| 4. | Whether Price Bid (Envelope-B) contains the following | |
| | a) Filled Price Bid with signature and stamp in all headings shall be submitted | |
| | b) Whether corrections or overwriting if any is attested? | |

- Checklist should be enclosed in technical bid

SIGNATURE OF THE TENDERER

SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF ON GRID 111 kWp (consolidated) CAPACITY ROOFTOP SOLAR PV POWER PLANT AT OUR OFFICES/ BRANCHES IN HUBBALLI CIRCLE

CRITERIA FOR QUALIFICATION FOR OPENING OF PRICE BID

| S.No | Criteria | Documents Required |
|------|--|---|
| 1. | The tenderer should have minimum 5 years experience in the field of solar power plants as system integrator prior to 31.12.2021. | Valid certificates and Order copies and satisfactory completion certificates prior to 31.12.2021 |
| 2. | The Firm should be registered/ Empanelled with MNRE/ State statutory Bodies/nodal agencies or such other Government organizations or Registered in Public sector units or Public sector Bank's related to Renewable energy sources. | A valid registration/ empanelment certificate from MNRE or State Government Bodies related to Renewable energy sources. |
| 3. | The firm should have minimum turnover of Rs.2.70 Crores for last three financial years (ie., 2018-19, 2019-20, 2020-21). | Audited balance sheet and P&L account for the years mentioned and certificate from the Chartered Accountant. |
| 4. | The firm should have carried out the works as follows: 1) At least two (2) completed similar works each of Capacity more than 67 KWp during the last 3 (Three) years ending with 31.12.2021. OR 2) At least one (1) completed similar works each of Capacity more than 89 KWp during the last 3 (Three) years ending with 31.12.2021. Similar work means supply and installation of solar power plants | Order copies and satisfactory completion certificates clearly indicating the cost & nature of work handled. |
| 5. | The firm should have Service setup in Karnataka. | Details of service setup |
| 6. | The firm must have Goods & Service tax registration number and PAN number. | Copies of the GST registration certificate and PAN card copy shall be enclosed. |

The tenderers are requested to submit all the documents required for stipulated eligibility criteria at the first instance itself. **Tenders which do not contains the documents required for stipulated eligibility criteria of the tender are liable to be summarily rejected without issuing any notice.**

SIGNATURE OF THE TENDERER WITH SEAL

APPENDIX II - IMPORTANT TERMS AND CONDITIONS OF THE TENDER

| | |
|------------------------------|---|
| Time of Completion | 60 days from the 14 th day from the date of work order issued by the Bank including mobilization period. |
| Defect Liability period | 1 year from the date of completion and handing over of the solar power plant |
| Date of commencement | 14 th day from the date of issue of work order |
| Liquidated damages for delay | The sum at the rate of 0.5 % of the Contract Value per week of delay subject to a maximum limit of 5 % of the Contract Value |
| Payment terms | No mobilization advance amount will be paid to the firms. Payments to the contractor will be regulated as below: a) 65 % of the cost of the solar photovoltaic cells/modules/arrays, inverters against supply / delivery of equipments at site, duly unpacked and supported by necessary documents / test certificates etc, and certification of Engineer in charge. b) 30 % upon commissioning and upon handing over of the solar power plant after successful testing & commissioning at site. c) 5% at the end of the warranty period of 1 year ; this can be released against Bank guarantee for equivalent amount in favour of the Bank for the warranty period in approved Bank's format. |
| EMD | Rs. 1,35,000/- by way of Demand Draft of a scheduled bank drawn in favour of "Canara Bank, Circle Office - payable at Hubballi or by way of Bank Guarantee obtained from any Scheduled Bank <u>other than Canara Bank</u> valid upto validity period of the tender in the Bank's approved format. However, those who have exemption certificate from NSIC/Similar Government authorities as per provision of MSME Act will be exempted from submission of EMD subject to the submission of valid document/certificate to that effect. |
| Initial Security deposit | 2 % of the Contract value |
| Retention money | As per the clause 12 of "General conditions of the Contract" |
| Price variation | No IEEMA or any other price variation clause shall be applicable in this contract. |
| Arbitration | As per the clause 40 of "General conditions of the Contract" |



SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF ON GRID 111 kWp (consolidated) CAPACITY ROOFTOP SOLAR PV POWER PLANT AT OUR OFFICES/ BRANCHES IN HUBBALLI CIRCLE

Note: Request for alteration in the commercial terms of the tender will not be entertained. Tenders which do not comply the Commercial terms of the tender are liable to be summarily rejected.

SIGNATURE OF THE TENDERER WITH SEAL

GENERAL RULES AND INSTRUCTIONS FOR THE GUIDANCE OF TENDERER

1. Sealed Tenders are invited from the reputed manufacturers/dealers/also firms registered with MNRE/State Nodal Agencies as System Integrator, by Canara Bank, Premises & Estate Section, Circle Office, Hubballi hereinafter known as the Employer and also as Bank, for the Supply, Installation, Testing, Commissioning and Maintenance of ON Grid system of 111 kWp (consolidated) Capacity Rooftop Solar Power Plant at various Offices/Branches in Hubballi Circle.

Scope of work covers for Supply, Installation, Testing, Commissioning and Maintenance of ON Grid system of 111 kWp (consolidated) Capacity Rooftop Solar Power Plant at various Offices/Branches in Hubballi Circle. Any deviation will not be accepted under any circumstance. Insuring the goods in transit as well as the commissioned system during 5 years comprehensive maintenance period is the responsibility of the bidders. The comprehensive maintenance shall include preventive maintenance service visits monthly till the completion period of comprehensive maintenance. The maintenance shall include replacement of all parts or components found defective due to manufacturing defect or because of wear and tear. If the SPV Power Plants are not functional, the same should be repaired or restored or replaced within 2 days.

2. Tender documents consisting of specifications, schedule of quantities of the various items of work to be done and the set of terms and conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents will be send through registered post.

3. The tender concept is "TWO ENVELOPE CONCEPT" and it has to be submitted as such. It should be always be placed in sealed cover, with the name of the project written on the envelope mentioning "Technical and Commercial Bid" and "Price Bid" as the case may be and submitted in two different sealed envelopes simultaneously on the prescribed date and time mentioned in the Notice Inviting Tender (NIT) to the **Deputy General Manager, Canara Bank, at 2nd Floor, Centrum Building, Airport Road, Hubli- 580030.**

The date for opening the price bid will be intimated subsequently only to such firms whose technical bids are found suitable. The TENDERER is requested to participate during the opening of the tender.

3.1. The two envelope are classified as,

- (1). The Technical & Commercial Bid and
- (2). The Price Bid.

3.2. The first envelope super-scribed as "Technical & Commercial Bid" should be submitted in a sealed envelope containing all the following details:

SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF ON GRID 111 kWp (consolidated) CAPACITY ROOFTOP SOLAR PV POWER PLANT AT OUR OFFICES/ BRANCHES IN HUBBALLI CIRCLE

i). All the schedules of the tender document, tender drawings if any & technical & commercial details of the proposed system equipment with its components & all other attachments other than the Bill of Quantity (Price Bid).

ii). The tender,(i.e. in the envelope containing the Technical Bid) shall be accompanied by earnest money of Rs. 1,35,000/- (Rupees One Lakh Thirty Five Thousand only) by way of Demand Draft of a Scheduled Bank issued in favour of "Canara Bank Circle Office" payable at Hubballi or by way of Bank Guarantee obtained from any Scheduled Bank other than Canara Bank valid upto validity period of the tender in the Bank's approved format. However, those who have exemption certificate from NSIC/Similar Government authorities as per provision of MSME Act will be exempted from submission of EMD subject to the submission of valid document/certificate to that effect.

No interest shall be allowed on the Earnest Money. Tenders without Earnest Money shall be rejected.

SUBMISSION OF THE EMD IN THE TECHNICAL BID ENVELOPE SHALL RENDER THE TENDER BEING REJECTED ON THE GROUNDS OF NON SUBMISSION OF THE EMD.

4. PRE BID QUERIES AND CLARIFICATION TO THE TENDER:

4.1 The Vendor should carefully examine and understand the specifications, terms and conditions of the Tender and may seek clarifications, if required. The Vendor in all such cases seek clarification in writing in a word document (.doc) in the same serial order of that of the Tender by mentioning the relevant page number and clause number of the Tender. The soft copy of the pre-bid queries should be send by email to pecohub@canarabank.com and the pre-bid query should be in the following format.

| Sl No | Page No | Tender Clause No | Tender Clause | Query |
|-------|---------|------------------|---------------|-------|
| | | | | |
| | | | | |

All communications regarding points requiring clarifications and any doubts shall be sent by E-mail id to pecohub@canarabank.com on or before **5:00 PM on 24.04.2022**. No oral or individual consultation shall be entertained. No queries will be entertained from the Vendors after the pre-bid meeting.

4.2 Pre-Bid meeting:

A pre-bid meeting of the intending Vendor will be held as scheduled below to clarify any point /doubt raised by them in respect of this Tender document:

| Date | Time | Venue |
|------------|----------|---|
| 25.04.2022 | 03:00 PM | Canara Bank Circle Office, 2nd Floor, Centrum |