



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

No: **BESCOM/GM(M&C)/DGM(M)/AGM2/BC 24/CYS-09**
F-1992 / 14-15/
Encl: -

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Date: 7/5/14

OFFICIAL MEMORANDUM

**Sub : Procedure adopted for empanelment of firms
in the field of net energy meters.**

Ref : 1. Circular No BESCOM/GM (Q&S)/ DGM El/3/
BC 11/12-13/Cys 18/16.5.12
2. Approval by MD dtd 29.4.14.

PREAMBLE:

BESCOM has already invited applications from consumers who intend to install solar rooftop panels for generating power. BESCOM intends to introduce net metering concept for recording import/export energy.

As such, Expression of Interest was called for empanelling list of firms who are in the field of manufacturing bidirectional (DLMS protocol) (single phase, three phase, CT operated) meters.

The present procedure adopted in according vendor approval / renewal & empanelment of firms for all other materials cannot be followed in case of empanelment of firms in the field of net energy meters since meter is an integral part & is the bread & butter of the utility. Hence , some changes are introduced in the usual procedure adopted in empanelling the firms who are in the field of net energy meters.

Hence this OM ,

The procedure adopted for empanelment of firms in the field of net energy meters is detailed as under:

1. Interested vendors may register the application with the General Manager (El), Meters & Commercial , Room No 106, I floor, BESCOM corporate office, K R Circle, Bangalore-560 001, Karnataka. (Ph 080-22341177) .

2. The firm shall pay the processing fee of ₹ 10000/- only (for each category of meter) by DD drawn in favour of AGM(E&S), Corporate Office, BESCO on intimation from the General Manager (El), Meters & Commercial Office.
3. The firm shall collect the technical specifications of the meter published in the BESCO website/from the GM (M&C) section.
4. The firm shall furnish the following documents:
 - a. Documents depicting the vendor to be an Energy Meter Manufacturer having a minimum experience of five (5) years in the manufacture of Static Energy Meters
 - b. Proof for having supplied 1000 Nos of bidirectional DLMS compliant solar energy meters / net Energy Meters.
 - c. The performance certificates issued in any one of the preceding 3 years from the date of this O M for at least 250 Nos of the quantity of bidirectional DLMS compliant solar energy meters / net Meters for satisfactory working of the meters shall be uploaded. Performance certificate shall be issued by an officer not below the rank of SEE/GM
 - d. The vendor shall furnish Type Tested Design as per Technical Specification for the type of meters registered which have successfully passed relevant Type tests at M/s CPRI or government laboratories / testing houses. (The list of government laboratories / testing houses as published in BIS website shall be considered.). The type test should have been conducted during the period not exceeding 3 years from the date of this OM.
 - e. The vendor shall furnish ISO 9001/9002/14001 certification.
 - f. The vendor shall furnish a valid 'S' mark safety certification for the type of meters registered manufacturing in India issued by STQC .
 - g. The vendor should undertake to furnish guarantee for a period of five years from the date of supply to all the energy meters supplied as per guidelines of CEA.

- h. The vendor shall furnish the GTP for the energy meter registered and to be as per the specification.
 - i. The Bidder must not have defaulted in supplies against any of the previous Purchase Orders placed by BESCO/ or any other Utility as on the date of bid opening. Declaration shall be furnished.
 - j. The bidder should not have been black listed in supplies against Purchase orders placed by any ESCOMs in Karnataka and other state Discoms/ Electricity Boards in India as on the date of bid opening and a self-declaration certificate to this effect shall be furnished.
 - k. Factory license / Trade licence along with necessary certificates.
 - l. Financial capability of the firm along with audited reports of the company for previous three years along with income tax clearance certificates.
 - m. Quality assurance plane being followed by the firm at various stages including inspection of raw materials from the sources of their procurement.
 - n. Drawings.
 - o. Infrastructure and Machinery details available in the firm.
 - p. Testing facilities and testing equipment's available in the firm with the latest calibration certificates.
 - q. List of clients.
 - r. Company financial position, Balance sheet.
 - s. Factory NPV.
 - t. Technical staff profile of manufacturing unit / research unit of the company.
 - u. The manufacturer must have NABL Accreditation lab.
 - v. The manufacturer should have minimum of CMMI level 3 certification.
5. The GM (M & C) Office shall examine the file and intimate the date of inspection by the BESCO officials within three days from the date of payment of processing fees and furnishing of the required documents by the applicant.
6. A team of officers will be deputed from BESCO to the factory premises of the vendor to verify the manufacturing capability, quality and facility and also pick up the required number of samples as per relevant IS sample Plan for requirement of type tests either from storage places of factory or from the manufacturing line from a lot of each of 50 Nos for each of category of meters registered by the vendor.
- BESCO reserves the option of sending the samples so selected to M/s CPRI or government laboratories / testing houses for all type and other tests covered under this specification or relevant standards as deemed necessary by the BESCO at the cost of vendor. The sample meters shall comply with the tests as per the specification

provided. If the sample meters selected fail to pass the test then such firms will not be granted approval.

7. The vendor shall arrange to demonstrate local and remote data transfer process at their own cost. The date & place of demonstration will be intimated at a later date.
8. The GM (M & C) shall put up the file before the Director (Technical), BESCOM along with a detailed final report and communicate the approval / reply to the firm.

This order shall come into force with immediate effect.


**General Manager (Ele),
Meters & Commercial,
BESCOM, B'lore**

Copy submitted to:

1. The Chief General Manager (Operations) / Corporate Affairs, Corporate Office, BESCOM.
2. All the Chief Engineers (El), O&M Zones, BESCOM, for kind information.
- 3.

Copy with compliments to:

4. All the General Managers (Ele), Corporate Office, BESCOM for information.
5. The General Manager (ICT & MIS), to arrange to upload the OM in BESCOM website.
6. All the Superintending Engineers (Ele), O&M Circles, BESCOM for information.

Copy to:

6. All the Executive Engineers (Ele.), O&M Divisions, MT divisions, BESCOM, Bangalore for information and needful action.
7. The Executive Engineer (El), BESCOM stores, Rajajinagar, Bangalore.
8. All the Asst. Exe. Engineers (Ele), O&M Sub-divisions, BESCOM.
9. PS to MD/ D (T) with a request to place before the Hon'ble Managing Director, Director (Technical), BESCOM.
10. OC/MF.