

Enquiry No. IIITDMJ/P&S/Enq./02

Date: 21-06-2016

Sub: Invitation of Tender/Quotation for the Supply of Portable Three Phase Power Meter (01 No.)

Sealed Tenders are invited by the Registrar, PDPM Indian Institute of Information Technology, Design & Manufacturing Jabalpur for Supply of Portable Three phase power meter (01 No.) Specifications at Annexure

The tender No., closing and opening date of received quotations are as follows:

Tender No. IIITDMJ/P&S/Enq/02	Dated : 21- 06-2016
Closing Date & Time: 04.07.2016 at 3.00 PM	
Date & Time of opening of Tender: 04.07.2016 at 4.00 PM	

**General Terms and Conditions:**

1. Sealed pack quotations are invited from manufacturing or their authorized dealer capable of supplying of standard make in accordance with the technical specifications.
2. **The bid: should be in two parts:**
  - (a) **Techno Commercial Bid:** Consisting of technical details & prices complying with the required technical specifications mentioned in Annexure.
  - (b) **EMD:** The bidder must submit the EMD (bid security). If the EMD is not found valid in terms of amount and period-wise or otherwise, quotation of the bidder will stand invalid. The quotation and EMD should be sealed by the bidder in a cover duly super scribed.
3. **Rates:-** Rates quoted should be in Indian Rupees(INR) on FOR destination at PDPM-IIITDM, Jabalpur on **DOOR Delivery basis**, inclusive of all the charges, with break up as:-
  - (i) Basic cost
  - (ii) Installation charges (if any)
  - (iii) VAT/CST as applicable
  - (iv) Total FOR at IIIT, Jabalpur

**Note:- If the breakup is not given, it will be assumed that the quoted rates include all admissible taxes, transportation charges and installation charges. VAT will be deducted at source as per Madhya Pradesh VAT Act.**
4. Only one specific model/make of the quoted item should be mentioned. No option should be given. Quoting of option will lead to technically disqualification.

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5. PDPM-IITDM, Jabalpur is registered with DSIR, Govt. of India(Custom Duty Notification No. 51/96-Custom dt:- 23<sup>rd</sup> July 1996 and Central Excise Duty Notification no. 10/97-Central Excise Dt: 1<sup>st</sup> March 1997) and it therefore, exempted from Excise Duty and partial exempted from Custom duty. Exemption certificate of the same shall be issued, to successful bidder if needed.
6. 100% Payment will be released after delivery and satisfactory installation/ inspection report.
7. The quantity given is tentative and Institute reserves the right to change the quantity as per its requirement at any stage. Further, the Institute reserves the right to place order either of all the items or only some of the above items. The supplier shall have no right to claim any compensation in such case.
8. The supplier is to submit earnest money deposit (EMD) of Rs. 5,000/- (Rupees Five thousand only) with their sealed quotation. Quotation without earnest money deposit shall be summarily rejected.
9. The earnest money deposit(EMD) should be in the form of Demand Draft in favour of PDPM-IITDM payable at Jabalpur. The EMD should remain valid for a period of 45 days beyond the final tender validity period.
10. Validity of quotation should be minimum 90 days from the date of opening of quotation. The overall offer for the assignment and tenderer(s) quoted price shall remain unchanged during the period of validity. If the tenderer quotes the validity shorter than the required period, the same shall be treated as unresponsive and it may be rejected.  
In case the tenderer withdraws, modifies or change his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required without changing any terms and conditions etc. of their original tender.
11. The bidder shall submit one copy of the tender document and addenda thereto, if any, with each page of this document should be signed and stamped to confirm the acceptance of the entire terms & conditions as mentioned in the of the tender enquiry document.
12. The bidder shall quote specific make/model, incorporation of words like similar/equivalent/latest/better/OEM will be treated as ambiguous and tender will be rejected.

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13. In case the supplied item(s) supplied has deviation(s), and is/are accepted by the Institute, amount proportionate to deviation as decided by the Institute would be deducted. In case it is found at a later stage that the items internal structure/specification do not conform with the specification in the tender document, bank guarantee will be forfeited and the firm/supplier will be liable to be blacklisted for participating in future tender process for at least one year.
14. **Delivery Period :** Delivery of all the items should be completed within 4 weeks from the date of receipt of firm order.
15. **Penalty for delayed Delivery:**  
In the event of delayed delivery, Installation & Commissioning i.e. after the expiry of the period as mentioned in P.O., the vendor shall be liable for a penalty deduction at a percentage of the value of the undelivered equipment subject to a maximum of 7.5% as detailed below:
  - @ 1% up to one week;
  - @ 2.5% up to two weeks;
  - @ 5% up to three weeks;
  - @ 7.5% for four weeks and aboveFor the purpose of this clause, part of the week is considered as a full week.
16. The quotations should be completed in all respects and cover the cost for the materials of the exact specification and descriptions of the stores as per the annexure, otherwise the same shall be ignored.
17. **Authorization Certificate:** In case of distributor of any branded company supplier has to submit authorized Agent/Dealership Certificate issued by their principal, against the item quoted.
18. **Warranty/Guarantee:** Bid should be quoted with one (01) year comprehensive on-site warranty/guarantee and will start from the date of satisfactory installation/commissioning of item, against any defect of manufacturing, workmanship and poor quality of components supplied items. During warranty/guarantee period the purchaser will not bear the cost of the item (s), which may come as replacement of the original stores or spares as a result of faults noticed at the time of inspection during the warranty period. The Seller/Local Agent is required to eliminate the fault(s) occurring during the Warranty period without delay by improvement or replacement as may be necessary, at their own cost. During warrantee period, the supplier should ensure a maximum downtime of 72 hours from the date/time of the complaint lodge about the

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- item. The supplier must provide after sales service facility on site during warrantee period.
19. **Performance Bank Guarantee:** During Warranty Period supplier has to submit PBG @ 5% of the total cost of the items supplied in the form of Demand Draft payable at Jabalpur. PBG will be valid for a period of 60 days beyond the date of completion of warrantee.
  20. **Inspection & Testing:** Goods will be inspected by the purchaser at his end. Goods rejected on inspection will be replaced by the supplier of cost and all charges for collection and delivery of the same to the Purchaser will be on suppliers account.
  21. Any attempt of negotiations direct or indirect on the part of the tenderer with authority to whom he has submitted the tender unless called by the competent authority or any endeavor to secure any interest for an actual or prospective tenderer or to influence by any means, the acceptance of particular tender will render the tender liable to exclusion form consideration.
  22. **Eligibility Criteria:** A bidder must have proven track record in supplying the specified items/similar items to the educational institutions/reputed organizations and should be financially sound and should have own showroom & service centre.
  23. The Institute reserves the right to reject any or all bids without specifying any reasons thereof.
  24. All disputes/arbitration should be within the jurisdiction of Jabalpur
  25. Kindly enclose pamphlet/brochure of the company along with the quotation showing complete details, technical specifications and quality of the items.
  26. Sealed quotation, mentioning "Tender No. IIITDMJ/P&S/Enq./02 at the top of the envelop, should reach on or before 3.00 PM on 04.07.2016 to the Registrar PDPM-IIITDM Jabalpur, Dumna Airport Road, Post: Khamaria, Jabalpur (M.P.) Pin-482005.
  27. Techno Commercial bid will be opened at 4.00 PM same day (04.07.2016) in case of holiday, techno commercial bid will be opened at the same time on next working day.

21/06/16

**Rizwan Ahmed**  
**Assistant Registrar (P&S)**

## Specifications for Portable Three-Phase Power Meter

### 1. General Requirements:

- a. The instrument should be portable in nature, and it should be of only reputed brand viz. Fluke, Yokogawa, Hioki, *Тектоник*.
- b. Measurement of Voltage (V), current (A), power (W), power factor ( $\phi$ ), frequency (Hz), THD
- c. Min, Max and Average value for all above measurements
- d. LCD/TFT display (at least 4" or bigger) [with suitable user interface in English language]
- e. Data logging/saving facility
- f. Interface: PC interface (USB or RS232) and USB thumb drives or memory card
- g. Battery Backup with rechargeable battery
- h. Compliance with applicable safety standard (Max voltage 600V for both meter & clamp)
- i. Scaling feature to accommodate CT/PT ratios
- j. It should include carrying bag/case

### 2. Technical Details:

- a. Single-phase and three-phase measurements of power (At least 4 voltage and 3 current probes to be supplied)
- b. Measurement Range and (Accuracy):
  - i. Voltage: 0-450V ( $\pm 0.5\%$  or better) [3+1 inputs]
  - ii. Current: 0-200A ( $\pm 1.5\%$  or better) [3 inputs, clamp type]
  - iii. Power: Up to 100kW ( $\pm 1.5\%$  or better)
  - iv. Frequency: 46-64 Hz or wider ( $\pm 0.5\%$  or better)
  - v. Total Harmonic Distortion [Consider at least up to 21<sup>st</sup> harmonic]
- c. Power Supply: 110–240 V AC  $\pm 10\%$ , 50Hz, Maximum power consumption: 65 VA
- d. Operating temp - 0 °C to +50 °C,

### 3. Warranty: One year.

4. All necessary software, cables, accessories, etc. needed for above specifications should be included in the supply.
5. Only single make/model best suited to the above specifications should be quoted. Quoting multiple models may lead to disqualification.

**Note: The quoted price must include the cost of any optional accessory that is required to fulfil above specifications.**

