

QUOTATION DOCUMENT

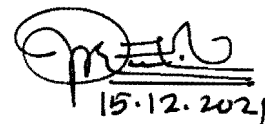
Name of Bidder :

Sealed Quotations are invited on behalf of the Director, IISER TVM and will be received in the Office of the Superintending Engineer, IISER TVM Vithura campus from Suppliers / agencies having similar experience in the relevant field for the following works at IISER TVM Vithura Campus, Thiruvananthapuram District, Kerala.

Name of Work	Estimated Cost
<i>Supply, Installation, Testing and Commissioning of Solar lighting in Students Bus shelter near Central Dining Hall and Outdoor stadium at IISER TVM campus</i>	Rs. 1,20,000/-

The offer for the work shall remain open for acceptance for a period of 45 days from the date of opening of tender and the work shall be completed within 30 days from the date of receipt of work order.

The filled & duly signed Quotation documents and Schedule of Quantities (SOQ) should always be placed in sealed cloth lined cover super-scribing the name of work will be received in the Office of the Superintending Engineer, IISER TVM, Maruthamala P.O., Thiruvananthapuram-695551 Up to 22-10-2021 at 15.30 Hrs and will be opened by authorized officer of IISER TVM on 22-10-2021 at 16.00 Hrs in the presence of tenderers or their representatives who would like to be present. In case of representatives the Authorization letter should be produced to within the tender opening.



Project Engineer cum Estate Officer(I/C)
IISER TVM

GENERAL TERMS & CONDITIONS

1. The bidder shall possess valid GST registration details, pan details at the time of bidding.
2. Bidders are advised to go through the entire general terms and conditions of this tender carefully. The prices should be quoted in the format provided in Schedule of Quantities.
3. The system should have 2year onsite replacement warranty from the date of installation. The warranty details shall be supplied along with the materials.
4. Rates quoted should be inclusive of GST, packing charges, loading and unloading charges etc, No extra shall be paid.
5. The materials used shall be strictly as per specification and tested for its quality at site.
6. The work shall be executed at IISER TVM campus, Maruthamala PO Vithura.
7. Payment 100% within 30days after completing the supply of materials.
8. The bidder shall quote his rates on the basis of the price of best quality products of the brand/make as follows. In any case particular brand of item is not acceptable to the department the bidder shall supply items of other brands approved by IISER, at no extra cost.
9. Rates quoted by the Contractor in item rate tender in figures shall be accurately filled in MS excel spread sheet available in IISER website along with the document, so that there is no discrepancy between the rates written in figures and words. However, if a discrepancy is found, it will be dealt as follows:-
 - i. In the case of any tender where unit rate of any item/items appears unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.

- ii. All documents of the tender are to be read in conjunction with each other and rates quoted accordingly by the tenderer.

TECHNICAL SPECIFICATION

1. Solar PV module: 120Wp Monocrystalline type, each PV module should be provided with RF identification tag.
2. Battery : 120AH, SMF VRLA(Quanta, Exide,Panasonic)
3. LED luminare : 4feet, 20W, DC LED batten type tube with minimum 100 lumen/watt efficiency, white LED with 5000K-6500K color range,
4. Efficiency : Total electronic efficiency should be at least 85%
5. Charge controller: MPPT or PWM

Quality:

The components and parts used in White solar LED lighting system should conform to the latest BIS/International specifications, wherever such specifications are available and applicable. A copy of the test report/certificate stating conformity of BIS/International standards must be submitted.

The component's specification should be as per ANERT/MNRE.