

**QUOTATION DOCUMENT**

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Name of Bidder :

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Sealed Quotations are invited on behalf of the Director, IISER TVM and will be received in the Office of the Project Engineer cum Estate Officer (I/C), IISER TVM Vithura campus from agencies having similar experience in the relevant field for the following works at IISER TVM Vithura Campus, Thiruvananthapuram District, Kerala.

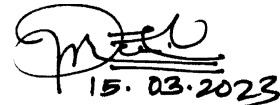
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<b>Name of Work</b>	<b>Estimated Cost</b>	<b>EMD</b>
External lighting at Director's House in IISERTVM campus, Thiruvananthapuram	<b>Rs. 3,35,670/-</b>	<b>₹ 6,713/-</b>

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The offer for the work shall remain open for acceptance for a period of 30 days from the date of opening of quotation and the work shall be completed within 45 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 Project Engineer cum Estate Officer (I/C), IISER TVM, Maruthamala P.O., Thiruvananthapuram-695551 Up to 21-03-2023 at 15.30 Hrs and will be opened by authorized officer of IISER TVM on 21-03-2023 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**

### Approved make of materials

- |                                  |   |                             |
|----------------------------------|---|-----------------------------|
| 1. LED light column              | : | Philips/Klite/Havells       |
| 2. DWC HDPE pipe                 | : | Precision/Polycab/ AKG/TOMS |
| 3. Aluminium armoured XLPE cable | : | Gloster/Havells/polycab     |
| 4. RCCB                          | : | Legrand                     |
| 5. Modular contactor             | : | Legrand/L&T                 |
| 6. Astronomical timer            | : | L&T-GIC/Legrand             |

Validate

Print

Help

## Item Rate BoQ

Tender Inviting Authority: Project Engineer cum Estate Officer(I/C), IISER Thiruvananthapuram

Name of Work: External lighting at Director's House in IISERTVM campus, Thiruvananthapuram

Contract No: 04712778039/8036

PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Rate in Figures to be entered by the bidder in Rs. p	TOTAL AMOUNT With Taxes Rs. P	TOTAL AMOUNT in Words
1.0	Supply, installation, testing and commissioning of pre-wired LED column light fixture (as per the technical specification below) on RCC pole foundation as per pole manufacturer's recommendation including earth excavation, 6A DP 'C' Curve MCB, cable entry pipes, terminal block and looping, earthing etc. complete as required and as directed by Engineer in charge. The pole foundation above the FFL should be neatly cement plastered with fine sand. Technical specification: System wattage: not less than 36W System lumen: not less than 3800 LUMEN Operating voltage: 100-277V Power factor: >= 0.95 THD: <=10% CCT: 3000K Paint: Factory Power coated grey or black Height: >= 3 meter Ingress protection: IP65 Impact protection: IK07 Surge protection: 6kV Burning hours: 50,000 hrs Housing: Aluminium Diffuser: Translucent Polycarbonate diffuser BIS marking: Required Warranty: 24 months	7.00	each		0.00	INR Zero Only
2.0	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.					
2.1	63 mm dia (OD-63 mm & ID-51 mm nominal)	75.00	metre		0.00	INR Zero Only
3.0	Supply of one number XLPE power cable of 1.1 kV grade of following size as required.					
3.1	4C x 6 sqmm Aluminium armoured cable	80.00	metre		0.00	INR Zero Only
4.0	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade size upto 35sqmm in the existing RCC/HUME/METAL/HDPE pipe as required.	80.00	Metre		0.00	INR Zero Only
5.0	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1kV grade as required.					
5.1	4C X 6 sq. mm	14.00	each		0.00	INR Zero Only
6.0	Supplying and fixing SMC/FRP weather proof terminal box on surface/ recess on pole foundation along with din rail complete with connections, testing and commissioning etc. as required. (Weather proof terminal box: Sintex Model No. GSJB-2014/Equivalent)	7.00	each		0.00	INR Zero Only
7.0	Supplying and fixing following rating items in the existing MCB DB complete with connections, testing and commissioning etc. as required					
7.1	25A, Residual current circuit breaker (RCCB), double pole, 240 V,	1.00	each		0.00	INR Zero Only
7.2	25A, 1NO-Modular contactor	1.00	each		0.00	INR Zero Only
8.0	Supplying, installation, testing and commissioning of Astronomical time switch of following configuration to be mounted in feeder pillars / Lighting DBs for automatic switching On & OFF of street lights at sun set & sun rise or twilight (Auto ON, Auto OFF, Auto modes) with manual override facility with 12/24 hour display format with suitable battery and indication for relay status i/c programming at site complete as required.					
8.1	1 output per phase and suitable for single phase supply	1.00	each		0.00	INR Zero Only
<b>Total in Figures</b>					<b>0.00</b>	<b>INR Zero Only</b>
<b>Quoted Rate in Words</b>			<b>INR Zero Only</b>			