

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भोपाल
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH
(IISER) BHOPAL



(Technical & Price Bid Document)

Name of work: EPC Contract for Design, Engineering, Procurement, Supply, Construction, Commissioning on Turnkey Basis and Comprehensive Operation & Maintenance for 10 Years of 2.4 MW DC / 2 MW AC Grid-Connected Solar Photovoltaic Power Plant at IISER Bhopal.

(NIT No.: IWD/SE/NIT/2025-26/...⁴⁹... Dated 09/12/2025)

(Last date of submission of online Bid up to 3:00 PM on 29/12/2025)

INSTITUTE WORKS DEPARTMENT

Bhauri, Bypass Road
Bhopal – 462 066 (M.P.)

INDEX


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Certified that this NIT containing 01 to 117 pages is prepared for the above-noted work.


Pr. Site Engineer (E)


Act. AE (E)


Act. EE (E)

This NIT No.: IWD/SE/NIT-2025-26-49 dated 09/12/2025 is approved.


Superintending Engineer, IWD
IISER Bhopal

INSTRUCTIONS FOR TENDERERS FOR e-TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE

www.eprocure.gov.in

The SE, IWD IISER Bhopal, on behalf of the Board of Governors, IISER Bhopal, invites online bids from the eligible bidders in response to EOI No: IWD/SE/EOI/2025-26/182 dated 21/07/2025

Sr. No.	Description	Details
1.	NIT No	IWD/SE/NIT/2025-26/49 dated <u>09/12/2025</u>
2.	Name of work & Location	EPC Contract for Design, Engineering, Procurement, Supply, Construction, Commissioning on a Turnkey Basis and Comprehensive Operation & Maintenance for 10 Years of 2.4 MW DC /2 MW AC Grid-Connected Solar Photovoltaic Power Plant at IISER Bhopal.
3.	Earnest Money	₹ 24,00,000/- should be made via bank transfer (I-Collect). Tenderers may visit: https://www.onlinesbi.sbi/sbicollect/collecthome.htm For details, refer to INSTRUCTIONS TO THE BIDDERS serial no. 12. (Being a work contract, no exemption is allowed to any MSME / NSIC registered bidders)
4.	Period of Completion	For original work: 05 months For Operation & Comprehensive maintenance work: 10 years after completion of Defect Liability Period of one year
5.	Comprehensive Operation and Maintenance (O&M) Period	Defect liability period shall start just after the completion of satisfactory performance testing (Page no. 84-85), & Comprehensive Operation & maintenance will be 10 years thereafter.
6.	Last date & time for online submission of Bid (Technical Bid (appendix 1) & Price Bid) along with EMD documents as specified in the tender documents.	On <u>29/12/2025</u> up to 3:00 PM
7.	Last date of Submission of Hard Copy of Technical Bid to the O/o the SE, IWD IISER Bhopal by the bidder	on <u>30/12/2025</u> up to 3:00 PM
8.	Date & time of online opening of EMD & Technical Bid	on <u>30/12/2025</u> at 3:30 PM
9.	Date & time of online opening of price bid.	Shall be communicated later
10.	Help Desk	0120-4001 002, 0120-4001 005, 0120- 4493395

INSTRUCTIONS TO THE BIDDERS

1. The contractor submitting the tender should read the complete tender document, NIT and drawings. The tenderer should also read the **General Conditions of Contract for CPWD works 2024 for EPC Projects, with correction slips up to the last date of bid submission, which is available as a Government of India Publication.** However, provisions included in the tender document shall prevail over the provisions contained in the standard form. The set of drawings and NIT shall be available with the office of SE, IWD, IISER Bhopal. The contractor should also visit the site of work and acquaint themselves with the site conditions before tendering. The following conditions, which are already part of the tender conditions, are explicitly brought to the tenderer's notice for compliance when completing the tender. They are requested to comply with the following instructions:
 - (i) Tenders with any condition, including that of a conditional rebate, shall be rejected forthwith.
 - (ii) Tenderer must ensure to quote the lump sum amount for the entire work, including maintenance. The column meant for quoting an amount in figures appears in yellow, and as soon as an amount is entered, it turns sky blue. Additionally, when selecting any cell, a warning appears stating that if a cell is left blank, it will be treated as '0'. However, suppose a tenderer quotes nil amount against each item in an item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/subhead in a percentage rate tender. In that case, the tender shall be deemed invalid and will not be considered the lowest tender.
 - (iii) The successful tenderer shall be required to submit a performance guarantee of 5% of the agreement amount within 07 days of the issue of the letter of award. The Engineer-in-charge can further extend this period up to a maximum of 03 days upon the contractor's written request, with a late fee of 0.1% per day of the performance guarantee amount.
 - (iv) Contractor shall submit a performance Bank guarantee for Solar PV Modules towards a performance guarantee valid for 25 years from the date of successful commissioning of the plant. For calculating the amount of BG, price of PV modules, it shall be treated as 25% of the total contract amount. A bank guarantee of 5% of the cost of solar modules, calculated in this way, is to be furnished by the successful bidder. BG shall be valid for a period of 25 years. However, the same will be released in five equal installments, after satisfactory performance and completion of each 5 years period.
 - (v) Contractor shall submit O&M Bank Guarantee (O&M BG) 5% of the Total O&M Contract Price for 10 (Ten) years, to be submitted before the expiry of the Performance BG, valid up to an aggregate period of TEN years from the initiation of the O&M period. Contractor is allowed to provide a BG valid for not less than two years and renew the same at least one month before the expiry. Otherwise, IISER Bhopal shall have the liberty to encash the same.
 - (vi) Compensation for shortfall in generation shall be as per the prevailing tariff as decided by MPERC from time to time.
 - (vii) Labour Cess, GST, etc., or any other taxes as may be applicable shall be borne by the contractor. The tenderer shall quote the amount considering all applicable taxes, and no additional amount shall be paid, except for the reimbursement as per Clause 19L of the General Conditions of Contract for CPWD Works 2024 for EPC Projects, with correction slips up to the last date of submission of bids.
 - (viii) Contractor has to submit the GST-compliant R.A. & Final Bills showing work done and GST component separately. All invoices must have the same GSTIN as submitted with the bid or the updated GSTIN as submitted with the 1st RA.
 - (ix) All the statutory recoveries shall be made from the running bills of the contractor, like Security deposit, TDS on Income tax, TDS on GST, Labour welfare cess, etc., or any other statutory recovery as per Government of India norms at the prevailing rates and in the manner prescribed by the Government of India.
2. **Project Management Consultant and Third-Party Inspection Agency**

A Project Management Consultancy (PMC) or Third-Party Inspection agency (TPI) may be appointed by IISER Bhopal, at its sole discretion, to conduct any kind of inspection/ joint inspection regarding procurement, fabrication, installation, hook-up, quality, execution, commissioning, operation and maintenance during the span of the Project. The Contractor shall provide necessary access and coordination to conduct such inspections. The Contractor shall provide all necessary access and cooperation for inspection by National or State agencies.
3. The bidder should have the GST, ESI and EPF registration no. of the Government Authorities concerned.
4. Every page of the documents submitted by the applicant/firm shall be numbered & bear the stamped