

INDIAN INSTITUTE OF TECHNOLOGY, KANPUR GT ROAD, KALYANPUR, KANPUR – 208016 UTTAR PRADESH, INDIA

TENDER REFERENCE NO.: IITK/SEE/RJ/SOLAR/2023/01
BID SUBMISSION END DATE- June 13, 2023

TENDER DOCUMENT

For

"Supplying, Installation, Testing, and Commissioning of grid-connected 200 kW rooftop solar PV plant on the terrace of ¹Diamond Jubilee Academic Complex (DJ Building) (100kW) and ²Centre for Environmental Science & Engineering Building (CESE Building) (100kW)" at IIT Kanpur.

INDEX

Name of Work:

"Supplying, Installation, Testing, and Commissioning of grid-connected 200 kW rooftop solar PV plant on the terrace of $^1\mathrm{Diamond}$ Jubilee Academic Complex (DJ Building) (100kW) and $^2\mathrm{Centre}$ for Environmental Science & Engineering Building (CESE Building) (100kW)" at IIT Kanpur.

Sl. No.	Description	Page	
1.	E-Tender Notice	3	
2.	Information of e-Tendering for Contractors	4	
3.	Bid Document	5	
4.	Instructions for Online Bid Submission	6	
5.	INSTRUCTION FOR e-PROCUREMENT	9	
6.	COMMERCIAL TERMS AND CONDITIONS	15	
7.	Tender document	22	
8.	TECHNICAL SPECIFICATION	24	
9.	TECHNICAL SPECIFICATIONS OF MAJOR EQUIPMENT	33	
10.	Tender drawings	36	
11.	LIST OF APROVED MAKES	41	
12.	Requirement of Technical Representative	43	
13.	QUALITY ASSURANCE OF THE WORK	44	
14.	Payment Regulation	46	
15.	SPECIAL CONDITION FOR SAFETY AT THE WORK SITE	48	
16.	Appendix	50-54	

Principal Investigator

Member1

Member2

Department of Sustainable Energy Engineering, IIT Kanpur

INDIAN INSTITUTE OF TECHNOLOGY KANPUR Department of Sustainable Energy Engineering E-TENDER NOTICE

NIT No. IITK/SEE/RJ/SOLAR/2023/01

Prof. Rajeev Jindal, SEE-Department, IIT Kanpur on behalf of the Board of Governors of IIT Kanpur invites online item rate tenders from eligible specialized agencies for the following work:-

SI. No	Name of work and location	Estimated cost put to tender (In Rs.) (including all taxes & GST)	Earnes t Money (In Rs.)	Period of Comple tion (in Month)	Last date & time of submission of tender	Period during which EMD, Cost of Tender Document, e-Tender Processing Fee and other Documents shall be submitted	Time & date of opening of tender
1	"Supplying, Installation, Testing, and Commissioning of grid-connected 200 kW rooftop solar PV plant on the terrace of ¹Diamond Jubilee Academic Complex (DJ Building) (100kW) and ²Centre for Environmental Science & Engineering Building(CESE Building) (100kW)" at IIT Kanpur.		2 Lakhs	3 Months From the date of PO	13.06.2023 (16.00 hrs)	After last date and time of submission of tender and upto 13.06.2023 (16.00 hrs)	14.06.2023 (16.00 hrs)

The E-tender documents is available on http://eprocure.gov.in/eprocure/app

Principal Investigator

Dated: May 23, 2023

Copy to:

- 1. Institute website: www.iitk.ac.in/iwd/tenderhall.htm
- 2. Notice Board