



Notice Inviting Tender

Tender No.: 16/IITBHILAI/Estate/2024-25

Name of work: Site survey, design, engineering, supply, installation, testing and commissioning of 475 kWp solar PV project on the rooftop of various buildings of IIT Bhilai, including operation & maintenance of the system for a period of 25 years under RESCO model after operational acceptance.

Earnest Money	:	Rs. 5,22,500/-
Performance Guarantee	:	Rs. 13,06,250/-
Period of Completion	:	4 months (Four months) for commissioning and 25 years of operation and maintenance.
Bid Publishing Date	:	23/12/2025
Bid Submission Start Date	:	23/12/2025
Pre-Bid Meeting Date	:	30/12/2025 at 11:00 HRS
Bid Submission End Date	:	13/01/2025 up to 18:00 HRS

Contact Us:

Indian Institute of Technology, Bhilai
Kutelabhata, Durg
Chhattisgarh, India- 491002
www.iitbhilai.ac.in
Email: estate@iitbhilai.ac.in

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Registrar
For & on Behalf of Director, IIT Bhilai

NOTICE INVITING E-TENDERS

Registrar, IIT Bhilai on behalf of Director invites online bids from reputed Firms/ Contractors for the following work:

1. NIT No : 16/IITBHILAI/Estate/2024-25
2. Name of Work : Site survey, design, engineering, supply, installation, testing and commissioning of 475 kWp solar PV project on the rooftop of various buildings of IIT Bhilai, including operation & maintenance of the system for a period of 25 years under RESCO model after operational acceptance.
3. Earnest Money : Rs. 5,22,500/-
4. Tender Fees : **Rs. 1,000/-**
5. Period of Completion : 4 months (Four months) for commissioning and 25 years of operation and maintenance.
6. Last date & time of submission of bid: 13/01/2025 up to 18:00 HRS (**online**)

The bid forms and other details can be obtained from the website www.iitbhilai.ac.in or www.e-procure.gov.in **free of cost**. For more clarification you may visit on above website.

Registrar
For & on Behalf of Director, IIT Bhilai

Copy to: -

1. Director
 2. Chairman (IWD), for information.
 3. AEE (E)
 4. AEE (C)
 5. Notice Boards.
 6. Office Copy
 7. Web site Administrator, IIT Bhilai
-

SECTION – I: INVITATION OF TENDER

Definitions: In this document the following words and expression have their meaning here by assigned to them.

<p>Bidder means the individual, proprietary firm, firm in partnership, limited company, private or public or corporation who is participating in this bid as a sole bidder or in consortium as indicated in this document.</p>
<p>CPWD: Central Public Works Department acting through Executive Engineer & Senior Manager (E) (under SE cum PD) CPWD Bhilai.</p>
<p>Institute means the Indian Institute of Technology Bhilai.</p>
<p>CONTRACT The Contract means the documents forming the tender and acceptance thereof and the formal agreement executed between the Registrar on behalf of Director IIT Bhilai and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in- Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.</p>
<p>Contractor means the bidder appointed by Institute to execute the contract.</p>
<p>The Site shall mean the land, places on, into or where work is to be executed under the contract or any adjacent land, path, or street or where work is to be executed under the contract or any adjacent land, path or street which may be temporally allotted or used for the purpose of carrying out the contract.</p>
<p>Director means Director, IIT Bhilai.</p>
<p>The Engineer In-charge means the Engineer Officer who shall supervise and oversee the work and who shall sign the contract on behalf of the Director. IIT Bhilai.</p>
<p>Excepted Risk are risks due to riots (other than those on account of contractor's employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war, rebellion revolution, insurrection, military or usurped power, any acts of Government, damages from aircraft, acts of God, such as earthquake, lightening and unprecedented floods, and other causes over which the contractor has no control and accepted as such by the Accepting Authority or causes solely due to use or occupation by Government of the part of the works in respect of which a certificate of completion has been issued or a cause solely due to Government's faulty design of works.</p>
<p>Date of commencement of work: The date of commencement of work shall be the date of start as specified in work order (considering the necessary time-extension obtained by Engineer In-charge if any), or the first date of handing over of the site, whichever is later, in accordance with the phasing if any, as indicated in the tender document.</p>

Notice Inviting E-Tenders

Indian Institute of Technology, Bhilai, on behalf of Director, IIT Bhilai invites online tender for **Site survey, design, engineering, supply, installation, testing and commissioning of 475 kWp solar PV project on the rooftop of various buildings of IIT Bhilai, including operation & maintenance of the system for a period of 25 years under RESCO model after operational acceptance.**

Name of Work	Name of work: - Site survey, design, engineering, supply, installation, testing and commissioning of 475 kWp solar PV project on the rooftop of various buildings of IIT Bhilai, including operation & maintenance of the system for a period of 25 years under RESCO model after operational acceptance.
Earnest Money Deposit to be submitted	Rs. 5,22,500/-
Period of contract	25 Years
Performance Security	Rs. 13,06,250/-

Tender Documents may be downloaded from the Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app>

Aspiring Bidders who have not enrolled/registered in e-procurement should enroll/register before participating through the website <http://eprocure.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through the instructions provided at 'Instructions for Online Bid Submission.'

Bidders can access tender documents on the website (For searching in the NIC site, kindly go to the Tender Search option and type 'IIT'. Thereafter, click on the "GO" button to view all IIT BHILAI tenders). Select the appropriate tender and fill it with all relevant information and submit the completed tender document online on the website <http://eprocure.gov.in/eprocure/app> as per the schedule given on the next page.

No manual bids will be accepted. All quotations (both Technical and Financial) should be submitted in the e-procurement portal.

Pre-bid meeting: Meeting is held on as per details mentioned in **Schedule** in Hybrid mode. Prospective bidders may also raise pre-bid queries if any by 29th December 2024 upto 4.00 PM by email to estate@iitbhilai.ac.in. Same shall be discussed during the meeting. Pre-bid meeting link is (<https://meet.google.com/gyz-wmtg-dku>).

Schedule

Name of Organization	Indian Institute of Technology Bhilai
Tender Type(Open/Limited/EOI/Auction/Single)	Open
Tender Category(Services/Goods/works)	Works
Type/Form of Contract (Work/Supply/Auction/Service/ Buy/ Empanelment/Sell)	Works
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems/Air conditioning)	Electrical
Source of Fund(Institute/Project)	Institute
Date of issue/Publishing	23/12/2025
Date of Pre-bid meeting	30/12/2025 at 11:00 HRS
Pre-bid meeting link	https://meet.google.com/gyz-wmtg-dku
Document Download Start Date	23/12/2025
Document Download End Date	13/01/2025 up to 18:00 HRS
Last Date and Time for Uploading of Bids	13/01/2025 up to 18:00 HRS
Date and Time of Opening of Technical Bids	15/01/2025 at 10:00 HRS
Tender fee	Rs 1000/- (Rs. One Thousand only) Through SBI i-collect Link https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=646425 step1. Click Check Box to proceed for payment. step2. Select Estate Tender Fee/EMD. Step3. Fill all Details and Submit (This online payment receipt may be provided in the on-line quotation/bid.)
EMD	Rs. 5,22,500/-(Rupees Five Lakh Twenty-Two Thousand Five Hundred Only) Through SBI i-collect Link https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=646425 step1. Click Check Box to proceed for payment. step2. Select Estate Tender Fee/EMD. Step3. Fill all Details and Submit.
Bid Validity days(180/120/90/60/30)	75 days (From last date of opening of tender)
Address for Communication	Health Center, Indian Institute of Technology Bhilai Near PHC, Jevra Sirsa, Kutelabhata, Durg , CG – (491002)
Contact No.	7000374609, 9873050675
Email Address	estate@iitbhilai.ac.in

DETAILS AND ONLINE INSTRUCTIONS

For Online Bid Submission:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: <http://eprocure.gov.in/eprocure/app>

Registration:

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their userID / password and the password of the DSC / eToken.

Searching for tender documents:

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

Preparation of bids:

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents must be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white options.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Submission of bids:

- 1) The bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents as indicated in the tender document.
- 3) The bidder must select the payment option as "on-line" to pay the tender fee / EMD as applicable and enter details of the instrument. Whenever EMD / Tender fees is sought, bidders need to pay the tender fee and EMD separately on-line through SBI- I collect mode. (Refer to Schedule, Page No.2). The EMD in any other mode will not be accepted.
- 4) A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- 5) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other details.
- 9) Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

Assistance to bidders:

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

General Instructions to the Bidders:

- 1) The tenders will be received online through portal <http://eprocure.gov.in/eprocure/app>. In the Technical Bids, the bidders are required to upload all the documents in .pdf format.
- 2) Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://eprocure.gov.in/eprocure/app>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://eprocure.gov.in/eprocure/app>.

Tenderer are advised to follow the instructions provided in the 'Instructions to the Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

CRITERIA FOR ELIGIBILITY OF BIDDERS

- 1) Bidder should submit the copy of proof towards payment of tender fees – **Rs. 1,000/-** and **Earnest money deposit of Rs. 5,22,500/-**
- 2) Minimum 5 (five) years of experience in design, engineering, supply,, installation, testing and commissioning of solar PV project.
- 3) Firms/ Contractors must have completed and successfully operated at least for 24 Months after commissioning a Solar PV Plant in RESCO model at the designed efficiency of the following capacities:

a) One completed work of 80% of kWp of 500 kWp and is successfully running since last 24 months.

OR

b) Two completed works of 60% of kWp of 500 kWp and are successfully running since last 24 months.

OR

c) Three completed works of 40% of kWp of 500 kWp and are successfully running since last 24 months.

“Similar works here refer to design, engineering, supply, installation, testing and commissioning of solar PV project completed by the bidder in last 7 (seven) years ending previous day of last date of submission of bid. Ongoing/Abandoned/Incomplete works shall not be counted.”

- 4) Self-declaration on firm’s letter head that they haven’t been debarred or blacklisted for any services, works, supplies or products dealing in by any organization and no criminal case/ legal proceedings or industrial dispute is being pending or contemplated against them during the last 7 years.
- 5) The bidder should have average annual financial turn over (gross) of **₹ 78,37,500 /-** in solar PV works during the last three Consecutive years ending 31st March 2022, balance sheets (may range from six to eighteen months) should be duly audited by Chartered Accountant. The year in which no turnover is shown would also be considered for working out the average. (Scanned copy of Certificate from Chartered Accountant to be uploaded)
- 6) The bidder shall submit the proof of financial capacity (Either self-reliant or a comfort letter for funding from any financial institution) for completion of the project.
- 7) Attested copy of registration certificates to be submitted. Registration of firms/ Contractors must be valid on the last day of issue of Tenders or extended date of issue of Tenders.