



# NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY- KARAIKAL- 609 609

## e-Procurement Notice

Ref: NITPY/ P&D-C/ 2025/ CIVIL /SOLAR/ 20

Dated: 10.09.2025

Online tenders are hereby invited in **Two cover system** from Indian Nationals for “**C/o of Parking car parking shed cum Supply, installation, Testing and commissioning 96 Kwp Solar photovoltaic power plant. SH: C/o Car Parking shed.** Bidders can download complete set of bidding documents from e- procurement Platform <https://eprocure.gov.in/eprocure/app> from **10.09.2025** onwards. Bidders need to submit the bids online by uploading all the required documents through <https://eprocure.gov.in/eprocure/app>.

**Last Date/ Time for receipt of bids through e-procurement is: 03.10.2025 (03.30 PM)**  
(Server time).

Late bids shall not be accepted.

For further details regarding Tender Notification & Specifications please visit website:

<https://eprocure.gov.in/eprocure/app>

### CRITICAL DATE SHEET

Publish Date:	<b>10.09.2025 @ 06.00 PM</b>
Bid document download start date	<b>10.09.2025@ 06.15 PM</b>
Clarification Start date	<b>11.09.2025@ 10.00 AM</b>
Clarification End date	<b>03.10.2025 @ 01.00 PM</b>
Bid Submission Start date	<b>11.09.2025@ 10.30 AM</b>
Bid Submission End date	<b>03.10.2025 @ 03.30 PM.</b>
Bid opening Date (Technical)	<b>06.10.2025 @ 03.30PM</b>
Bid opening Date (Price)	Will be announced after technical evaluation

**NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY,  
KARAIKAL -609 609  
PLANNING AND DEVELOPMENT- CIVIL**



**TENDER DOCUMENT (e- Procurement)**

Name of work/ services	:	<b>C/o of Parking car parking shed cum Supply, installation, Testing and commissioning 96 Kwp Solar photovoltaic power plant. SH: C/o Car Parking shed</b>
Tender Notification no	:	<b>NITPY/ P&amp;D-C/ 2025/ CIVIL /SOLAR/ 20</b>
Publish Date	:	<b>10.09.2025</b>
Tender Amount	:	<b>Rs. 88,40,525/- (Eighty-Eight lakhs Forty Thousand Five Hundred and Twenty-Five only)</b>
Name of the department	:	<b>Planning and Development</b>
Last date & time of submission of tender	:	<b>03.10.2025 @ 03.30 PM.</b>
Address for submission of tender	:	<b>The Director, NIT Puducherry, Thiruvettakudy, Karaikal.</b>
Date & time of opening of technical bid	:	<b>06.10.2025 @ 03.30 PM.</b>

## **Bidding Procedures**

### **Section I: Instructions for Online Bid Submission**

Instructions to the Bidders to submit the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

1. Possession of valid Digital Signature Certificate (DSC) and enrolment / registration of the contractors / bidders on the e-Procurement/e-tender portal are prerequisite for e-tendering.
2. Bidder should register for the enrolment in the e-Procurement site using the “Online Bidder Enrolment” option available on the home page. Portal enrolment is generally free of charge. During enrolment / registration, the bidders should provide only valid and true information including valid E-mail id. All the correspondence shall be made directly with the contractors/bidders through E-mail id as registered.
3. Bidder need to login to the site through their user ID / password chosen during enrolment / registration.
4. Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY / TCS / nCode / eMudra or any other Certifying Authority recognized by Controller of Certifying Authorities (CCA) India on eToken / Smartcard, should be registered.
5. The registered DSC only should be used by the bidder in the transactions and should ensure safety of the same.
6. Contractor / Bidder may go through the tenders published on the site and download the tender documents/schedules for the tenders.
7. After downloading / getting the tender document/schedules, the Bidder should go through them carefully and then submit the documents as required, otherwise bid will be rejected.
8. Any clarifications may be sought online through the tender site, through the contact details or during pre-bid meeting if any. Bidder should take into account the corrigendum if any published before submitting the bids online.
9. Bidder may log in to the site through the secured login by the user id / password chosen during enrolment / registration and then by submitting the password of the e-Token / Smartcard to access DSC.
10. Bidder may select the tender in which he / she is interested in by using the search option and then move it to the ‘my tenders’ folder.
11. From my tender folder, he / she may select the tender to view all the details uploaded there.

12. It shall be deemed that the bidder has read and understood all the terms and conditions before submitting the offer. Bidder should go through the tender schedules carefully and upload the documents as asked; otherwise, the incomplete bid shall stand rejected.
13. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and ordinarily it shall be in PDF /xls / rar / jpg / dwf formats. If there is more than one document, all may be clubbed together and provided in the requested format. Bidders Bid documents may be scanned with 100 dpi with black and white option. It is advisable that each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip / rar and the same if permitted may be uploaded. The file size being less than 1 MB the transaction uploading time will be very fast.
14. The Bidders can update well in advance, the documents such as certificates, annual report details etc., under “My Space option” and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.
15. While submitting the bids online, the bidder shall read the terms and conditions and may accept the same to proceed further to submit the bid packets.
16. The bidder has to digitally sign and upload the required bid documents one by one as indicated. Very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read, understood and agreed with all clauses of the bid document including General conditions of contract without any exception.
17. The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files, the bid may be rejected.

## **PRICE BID**

18. If the price bid format is provided in a spread sheet file like BoQ\_xxxxx.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Priced-bid / BOQ template shall not be modified / replaced by the bidder; else the bid submitted is liable to be rejected for the tender.
19. The bidders are advised to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission due date and time (as per Server System Clock). The TIA shall not be held responsible for any delay or the difficulties faced during the submission of bids online by the bidders.
20. The time settings fixed in the server side and displayed at the top of the tender site, shall remain valid for all actions of requesting, bid submission, bid opening etc., in the e-Tender system. The bidders should follow such time during bid submission.

## **EVIDENCE FOR ONLINE BID SUBMISSION**

21. After the bid submission (i.e. after Clicking “Freeze Bid Submission” in the portal), the acknowledgement number indicated by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and also be used as entry pass to participate in the bid opening.
22. All the data being entered by the bidders would be encrypted using Public Key Infrastructure (PKI) encryption techniques to ensure the secrecy of the data. The data entered is not retrievable by unauthorized persons during the bid submission and until the time of bid opening by any person.
23. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers’ public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
24. The confidentiality of the bids is maintained with the use of Secured Socket Layer (SSL) 128-bit encryption technology. Data storage encryption of sensitive fields is done.
25. The bidder should logout of the tendering system using the normal logout option available at the top right hand corner and not by selecting the (X) exit option in the browser.
26. For any queries regarding e-Tendering process, the bidders may contact at address as provided in the tender document. Parallely for any further queries, the bidders are advised to contact over phone: **1-800-233-7315, 0120-4001005** or send an E-mail to [cppp-nic@nic.in](mailto:cppp-nic@nic.in).

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NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY,  
KARAIKAL -609 609

TENDER DOCUMENT  
(TECHNICAL BID)



Name of the Work	: C/o of Parking car parking shed cum Supply, installation, Testing and commissioning 96 Kwp Solar photovoltaic power plant. SH: C/o Car Parking shed.
Tender No. Enquiry	: NITPY/ P&D-C/ 2025/ CIVIL /SOLAR/ 20 Dated:10.09.2025
Tender Amount	: Rs.88,40,525/- (Eighty-Eight lakhs Forty Thousand Five Hundred and Twenty-Five only)
Period of Contract	: 60 days

**NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY**  
**KARAIKAL - 609 609.**  
**(PLANNING AND DEVELOPMENT DIVISION)**

**NOTICE INVITING TENDER**

<b>TENDER SUMMARY</b>	
Tender Reference Number and Date	<b>NITPY/ P&amp;D-C/ 2025/ CIVIL /SOLAR/ 20 Dated:10.09.2025</b>
Brief Description of the Tender	<b>C/o of Parking car parking shed cum Supply, installation, Testing and commissioning 96 Kwp Solar photovoltaic power plant. SH: C/o Car Parking shed</b>
Type of Tender	Open Tender
Tender Amount	<b>Rs.88,40,525/-</b> (Eighty-Eight lakhs Forty Thousand Five Hundred and Twenty-Five only)
Mode of submission of tender	ONLINE MODE only - Through Central Public Procurement (CPP) Portal
Tender Document Download & Bid submission:	<ol style="list-style-type: none"> <li>1. Tender documents may be downloaded from Central Public Procurement (CPP) Portal at <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>.</li> <li>2. Aspiring Bidders who have not enrolled/registered in e-procurement should enroll/register before participating through the website <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>.</li> <li>3. The portal enrolment is free of cost. Bidders are advised to go through the instructions provided at CPP Portal.</li> <li>4. Bids and supporting documents shall be uploaded through e-procurement portal only.</li> <li>5. TECHNICAL BID and FINANCIAL BID should be submitted only in Online portal as per the given format only.</li> <li>6. All documents shall be SCANNED properly ensuring proper readability of the document. Any document missed/having no proper readability will be summarily rejected and the bid of the respective bidder will not be considered for evaluation.</li> <li>7. Any Hard copy of Bid documents shall summarily be rejected.</li> </ol>
Earnest Money Deposit (EMD) (Refundable)	<b>Rs.2,21,000/- (Rupees Two Lakhs Twenty One Thousand Only)</b> should be paid through online State Bank Collect mode. <b>Procedure to pay through State Bank Collect:</b> <ol style="list-style-type: none"> <li>1. Click the following State Bank Collect link <a href="https://www.onlinesbi.com/sbicollect/icollecthome.htm">https://www.onlinesbi.com/sbicollect/icollecthome.htm</a> (Read the Terms and Conditions)</li> <li>2. Select State as "Puducherry".</li> <li>3. Select institution as "Educational Institutions"</li> </ol>

	<p>4. Select Educational Institutions as "National Institute of Technology Puducherry"</p> <p>5. Select Payment Category as "TENDER".</p> <p>6. Pay the EMD amount.</p> <p><b>The proof of EMD payment should be submitted along with Bid. The EMD will be returned to the unsuccessful tenderers. The EMD will be adjusted against the Performance Bank Guarantee for the successful bidder.</b></p> <p><b>Suppliers registered with National Small Industries Corporation (NSIC) such as Micro / Small / Medium / Start-up Enterprises registered for supply / service related to this tender are eligible for exemption from payment of EMD. (Attested copy of registration certificate should be furnished in support of the claim of exemption).</b></p> <p><b>Bids without EMD shall summarily be rejected (except for exemption given to NSIC/MSME).</b></p>
Validity of Bid	Validity of the Bid is 90 days. (From the date of opening of Financial Bid)
Last date and time for receipt of Bid	<b>03.10.2025@ 03.30PM</b>
Date, time of tender opening (only Technical Bids)	<b>06.10.2025@ 03.30PM</b>
Date and time of opening of Financial Bids	After the evaluation of technical bids, the schedule of opening of the Financial Bids will be intimated only to the technically qualified bidders.
Contact Person for any queries related with this tender	<p><b>Executive Engineer, NIT Puducherry - 609 609.</b></p> <p><b>Phone: 04368 – 265235</b></p> <p><b>E-mail ID: ad-pdcivil@nitpy.ac.in</b></p>
Duration of the Contract	<b>60 days</b>
Performance Bank Guarantee	<ul style="list-style-type: none"> <li>• The Successful Bidder must furnish Performance Guarantee equivalent to 5% of the total value of the contract.</li> <li>• Performance Guarantee of 5% will be returned without any Interest after the 'Defect Liability Period' i.e., ONE YEAR after 'Final Bill accepted with full and final settlement'.</li> <li>• The Performance Guarantee should be deposited through State Bank Collect or Bank Guarantee from any Nationalized Bank of India.</li> </ul>



**Check list to evaluate the Capability of bidders qualifying for price bid opening:**

Sl. No.	Description / Requirement from the tenderer	Tenderer's response should be clear, firm, complete & legible. If necessary, separate sheet shall be used.
1.	Name & Complete address of the tenderer with contact details:	
2.	NSIC or MSME Registration No: Company Name & Address: Validity: Product for which registered:	
3.	Details of Contract Registration with Govt. depts. Class and value (If available)	
4.	Status of the tenderer: Proprietorship / Partnership / Private Limited. / Public Limited	
5.	Details of PAN	
6.	GST Registration:	
7.	Employees provident fund Registration:	
8.	Employees State Insurance Registration:	
9.	Copy of Income Tax Return for the last 3 years ending 03/2025	
10.	Annual turnover should be minimum of Rs.200 crores. <i>(A copy of the relevant document should be attached along with Profit and Loss statement)</i>	
11.	The maximum extended warranty for solar panels is at least 30 years. <i>(An authorized certificate must be submitted upon project completion.)</i>	
12.	<b>Details of similar COMPLETED WORKS</b> <b>The bidder must satisfy Pre-Qualification Criteria: C/o Car Parking shed must be carried out directly for a government funded organization or under sub-contract carried out for a government funded organization.</b> <b>The bidder must also satisfy at least any One of the following Three Pre-Qualification Criteria:</b> <b>(a) Minimum ONE similar work as stated above, Costing Rupees 80% in total should have been completed in the last Five Financial Years in the relevant Work Category mentioned as mentioned above. (OR)</b>	Use separate sheet to furnish complete details.  Attach self-attested copy of work completion certificate with mentioning the actual amount of work executed as a proof.

	<p><b>(b)</b> Minimum TWO similar work as stated above, Costing <b>Rupees 60%</b> in total should have been completed in the last Five Financial Years in the relevant Work Category mentioned as mentioned above. <b>(OR)</b></p> <p><b>(c)</b> Minimum THREE similar work as stated above, Costing <b>Rupees 40%</b> in total should have been completed in the last Five Financial Years in the relevant Work Category mentioned as mentioned above</p> <p>(Attach Self-attested Work Order Copy)</p> <p>Note: Attach the work details in the Format enclosed with Self-attested Copy of each Work Order.</p> <p>Also, attach proof for Completing the Works (work completion certificate and/or relevant supporting documents and/or details of payment received for completing the work issued by the competent authority) must also be enclosed.</p>	
13	Technical specification (including make and model numbers) of items to be supplied and installed for this work should be submitted in written by Duly signed with seal in your letter head.	
14	Site visit form duly signed with seal by NITPY official	

**Note:** Self attested copy of relevant certificates for items 2-12 are to be enclosed.

I/We hereby certify that the information furnished above and the attached documents as proof of the information are true and correct to the best of our knowledge.

I/We understand that these details are required to decide our eligibility to participate in the tender process and opening of our price bid thereon.

I/We also authorize the Director / NITPY or his representative to approach the source of the certificate to verify our competence, if required, for processing the tender.

**NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY**  
**KARAIKAL - 609 609.**  
**TECHNICAL SPECIFICATION**

Sl. No.	Schedule of Work	Unit	Qty	Yes / No	Remarks / Deviation
<b>I</b>	<b>C/o of Parking car parking shed cum Supply, installation, Testing and commissioning 96 Kwp Solar photovoltaic power plant. SH: C/o Car Parking shed.</b>				
<b>1.1</b>	<p>Design, Engineering, manufacturer, transport, supply, erection of various pre-engineered components like structural steel including all other fittings / fixtures like purlins, flashing, bracing &amp; Anchor Bolts, etc., for Canopies and Sheds for Pre Engineered buildings (PEB). The broad scope shall cover Complete Engineering Design and preparation of drawings for construction of Pre-engineered buildings including furnishing of design, working drawings, calculations, data sheets, records and getting the same approved from the Owner / Consultant, testing and quality assurance, inspection and quality checks, setting and layout and levels, safety measures and inspection etc. Manufacturing, Testing at Shop, Painting at shop, Supply, transportation, Receipt, Unloading and Storage at Site, Handling, Erection and commissioning at site of Pre-engineered Steel Structure, furnishing of design, working drawings, calculations, data sheets, records and getting the same approved from the Owner / Consultant, testing and quality assurance, inspection and quality checks complete. The Scope of Pre-engineered Steel Structure includes various components of structural steel sections, internal including all fittings / fixtures like purlins, flashing, bracing &amp; Anchor Bolts, Nuts, Washer, permanent bolts with templates etc. complete.</p> <p>Providing all labour, supervision, materials, consumables, fuel, construction equipment, tools and plants, supplies, transportation, all sampling, testing and quality assurance, providing necessary facilities and equipment to Project Manager/engineer in charge for carrying out the inspection and quality checks, setting out, layout and levels, safety measures, carrying out erection in a mechanized manner, storage, repair / rectification / maintenance until handing over, furnishing of design, working drawings, calculations,</p>	318.00	Sqm		

Sl. No.	Schedule of Work	Unit	Qty	Yes / No	Remarks / Deviation
	data sheets, records, etc. complying with statutory provisions and applicable laws etc. Covering all incidental items not specifically mentioned but reasonably implied and necessary for successful completion of the work. Preparation and submission of all construction drawings (Layout, Architectural, color scheme and Structural) required for the complete execution of the works, material selection and material take off. SUFFICIENT DETAILING SHALL BE DONE IN ALL DRAWINGS SO THAT NO DIFFICULTY IS FACED BY SITE ENGINEERS DURING EXECUTION. Architectural drawings including preparation Animated Computer model in 3D Max. However, the fabrication of the structure is to be started only after approval of the “ <b>Good for Construction</b> ” drawings.				
<b>II</b>	<b>C/o of Parking car parking shed cum Supply, installation, Testing and commissioning 96 Kw Solar photovoltaic power plant NIT, Puducherry campus, Karaikal. SH: Supply, Installation, Testing and commissioning of 96 Kw Solar photovoltaic power plant at NIT Puducherry campus, Karaikal.</b>				
	<b>Solar Photovoltaic Power Generation:</b> Supply, Installation, Testing and Commissioning of on grid Solar Photovoltaic Power Plant conforming to MNRE specifications as amended, consisting of Mono / Poly Crystalline silicon solar cells, net metering facility, necessary protections, earthing, mounted on Aluminium / GI structure of suitable strength with following components complete as required:				
	<b>a)</b> Solar Photovoltaic Module of capacity 330Wp or above, manufactured in India, conforming to IS 14286 / IEC 61215, IS / IEC 61730-Part-1, IS / IEC 61730-Part 2. Solar Photovoltaic Module conversion efficiency shall not be less than 16.5%. PV modules used in solar power plants/ systems must be warranted for their output peak watt capacity, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years.				
	<b>b)</b> Power Conditioning Unit (PCU) of 350-800V DC Input voltage range and 400V AC, three phase, 4 wire, 50 Hz +/- 2.5 Hz, output voltage suitable to generate AC Power with efficiency not less than 97%, total harmonic distortion less than 3% and suitable for ambient temperature from 0 to 50 degree C. The PCU shall adjust				

Sl. No.	Schedule of Work	Unit	Qty	Yes / No	Remarks / Deviation
	the voltage and frequency level to suite the Grid Voltage Frequency.				
	c) Data Monitoring System complete with accessories.				
	d) Fixing of Array junction box & Main junction box with IP 65 protection and termination arrangement for incoming and outgoing cable along with glands, lugs and other accessories etc. as required.				
	e) Lightning and surge voltage protection.				
	f) Connections & Interconnections by supplying & fixing required size XLPE insulated copper conductor 1.1 KV grade armoured power and control cables between solar modules, main power cable to grid supply PCU unit along with supplying & fixing of necessary channel/conduit lugs and other accessories etc. as required.	96	KWP		
<b>Period of Contract: 60 days</b>					