



Creating Infrastructure
A PPP INITIATIVE OF GOVERNMENT OF KERALA

**INVITATION OF EXPRESSION OF INTEREST FOR
EMPANELMENT OF MANUFACTURES FOR THE
SUPPLY OF SOLAR PV MODULES**

Ref No: IL-RED-EOI-SPV MODULES/2024-25

**INKEL Limited,
Door No. 14/812 & 813 1st Floor, Ajiyal Complex
Kakkanad, Cochin Kerala - 682030
Phone: +91 484 2978101
Email: tenders.re@inkel.in**

1. ABSTRACT

Title	INVITATION OF EXPRESSION OF INTEREST FOR EMPANELMENT OF MANUFACTURES FOR THE SUPPLY OF SOLAR PV MODULES
Reference No:	IL-RED-EOI-SPV MODULES/2024-25
Mode of Application	Online via email to tenders.re@inkel.in
Date of release of EOI	16.07.2024
Last date & Time of submission of EOI	30-07-2024
Contact Details for clarification	<ul style="list-style-type: none">• Manager (RE) - 0484-2978101(Extn 509)• AGM (RE) - 0484-2978101 (Extn 501)• Email: tenders.re@inkel.in
Date and Time of opening of EOI	31-07-2024

Interested Supplier/Manufacturer/Other Dealers shall download the EOI documents from INKEL website (www.inkel.in) and submit the application for empanelment online on or before the deadline mentioned above.

Kakkanad
16-07-2024

S/d
AGM

2. PREAMBLE

- 2.1 INKEL LIMITED (INKEL) is a public-private partnership (PPP) company promoted by Government of Kerala. INKEL is an innovative PPP initiative which brings together Government Agencies, prominent global investors, NRI Industrialists and businessmen. It is engaged in setting up sustainable infrastructure models to address all the infrastructure requirements of industrialists and entrepreneurs in the state of Kerala.
- 2.2 INKEL is on track to emerge as a one stop destination for meeting the requirements of implementing large scale infrastructural projects that will be self-sustaining and an instrument for fast track development of the State's economy.
- 2.3 INKEL Ltd offers services ranging from Project Concept development to the Completion and Handing over stage covering Sectors like Construction, Road & Bridges, Development of Industrial/Business Park, Engineering Design and Consultancy, PMC, Advisory & Management Consultancy, Education and Skill development, Health & Hospitality, Power, Facilities Management, Hi-Tech Agro and Renewable Energy.
- 2.4 Renewable Energy is one of the core departments of INKEL Limited and is involved in the implementation of solar PV projects throughout Kerala.
- 2.5 INKEL desires to empanel reputed Manufactures or Authorised dealers of Solar PV Modules of various capacities who have techno-commercial capability to supply the modules at various location in Kerala.
- 2.6 The Supplier/Dealer must have valid GST registration.

3. EMPANELMENT PROCESS

- 3.1. Supplier/Manufacturer/Authorized Dealers have to express their interest for empanelment to INKEL by submitting application in the prescribed format along with required documents for getting listed as an empaneled supplier.
- 3.2. INKEL will be evaluating the supplier/Manufactures /Dealers on all the parameters as per their credentials submitted. INKEL may request the shortlisted suppliers for further discussions, presentations before empaneling.
- 3.3. INKEL has the right to accept or reject any or all the applications without assigning any reason there of and their decision will consider as final.

- 3.4. The objective of this invitation is to identify the interest of potential manufactures in the supply of PV modules listed in this EOI and to undertake a prequalification process to identify the Applicants meeting INKEL's requirements. The result of this pre-qualification exercise will be establishing lists of suppliers to whom "Invitation to Bid/Notice Inviting Tenders" for pertinent future projects of INKEL/ to be executed by INKEL, will be issued. This is not withstanding INKEL'S prerogative to tender the works through open tenders. The period for empanelment shall be determined by INKEL. During this period the performance will be evaluated on a continuous basis on works executed in INKEL project sites. INKEL reserves the rights to disqualify a vendor based on their adverse performance levels if any during this period.
- 3.5. This expression of Interest is not an agreement and is not an offer or invitation to enter into an agreement of any kind with any party by INKEL.
- 3.6. Only Original Equipment Manufacturer (OEM) / Authorised Dealer is eligible for Empanelment. In case of authorised dealer, Manufactures Authorisation certificate signed by the OEM shall be submitted.
- 3.7. The OEM shall be either Proprietary/ Limited Company/ PSU registered in India with a valid with a valid Company Registration Certificate.
- 3.8. The OEM shall be in the concerned business for last three years in India.
- 3.10. The cell type shall be Poly Crystalline/Mono-Crystalline/Mono PERC /Half Cut/ Bi Facial/ Mono facial type PV Modules.
- 3.11. Empanelment of the manufacturers of PV module(s) will be initially valid for 12 Months and the same may be renewed at the discretion of INKEL.
- 3.12. Company Registration Certificate. Please attach the registration certificate.
- 3.13. The modules submitted for Empanelment should be listed in the new ALMM List published by MNRE on 29.04.2024. (F. No. 28315412018-GRID SOLAR - Part (1) dtd 29-04-2024.) and the datasheets of the modules are also to be attached along with the empanelment document.
- 3.14. Definition and explanation of 'model' for Empanelment purposes as per above MNRE order;
- 3.15. The supplier shall attach the list of all modules with model name and capacity they wish to be empaneled.

3.16. During the selection of OEMs, INKEL may ask for any clarifications, if any, with a tentative deadline. Qualified suppliers will be empaneled and notified by INKEL.

3.17. The Solar PV manufacturers shall have a minimum one number service assistance unit/ Service Partner in Kerala state. The manufacturers should provide the details of service assistance unit with address, name of the contact person, mobile no. and Email id, etc. If the manufacturer does not have a service assistance unit in Kerala, the firm should give an undertaking stating that the firm will set up a service assistance unit in Kerala, once empaneled.

3.18. In case, the performance of the module is not satisfactory within the guaranteed period, INKEL reserves the right to delist such of the manufacturers from the Empanelment list.

The Supplier/Manufacturer/Other Dealers shall send the application for empanelment addressed to “**Managing Director, INKEL Limited, 1st, Floor, Ajiyal Complex, Kakkanad, Cochin, Pin: 682030, Phone:0484-2978101, 0484-2978103**” via E-mail “**tenders.re@inkel.in**”

The last date for receipt of applications is **30-07-2024**

The vendor shall specify on the Email subject “**Application for Empanelment of Manufactures for the Supply of Solar PV Modules**”



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Rev. No: 01

16.07.2024

LETTER OF TRANSMITTAL
[To be submitted in Applicant company's letterhead]

To,
MANAGING DIRECTOR
INKEL Limited.
Door No. 14/812 & 813
1st Floor, Ajiyal Complex
Kakkanad, Cochin Kerala - 682030
Phone: +91 484 2978101

Date:

Sir,

Subject: Application for Vendor Empanelment for Supply of Solar PV Modules.

1. Having examined the details given in the EOI document, I/we would like to participate in the Vendor Empanelment and submit our completed Application in compliance with the terms and conditions stated therein and request to be included in INKEL's list of empaneled suppliers.
2. I/we hereby certify that all the statement and information included in our Application are true and correct and pertain to ourselves in order to assess our company's capability. Information which incorporates details regarding parent, associate, or subsidiary companies, or subcontractors, or companies to whom the Applicant had subcontracted, shall be ignored / rejected for the purpose of evaluation.
3. I/we hereby confirm that we are not blacklisted by INKEL or any other government agency/entity.
4. I/we hereby give our unqualified acceptance to the procedure adopted by INKEL for Empanelment.
5. I/we acknowledge that INKEL has absolute discretion in the selection of vendors for empanelment and that INKEL is not required to provide any reason should INKEL decide not to include our company on the above referred list.
6. I/we consent to INKEL's representatives visiting our offices / Factories and facilities as considered necessary to satisfactorily evaluate our application. In the event of such visits taking place, we shall provide whatever assistance necessary to INKEL's representatives to assist them in the evaluation of our Application.
7. I/we hereby, authorize INKEL representatives to seek opinion and inquire about us from previous and current clients (stated as references in our Application) for the purposes of empanelment. By this, we authorize referenced clients to divulge required information to INKEL.



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8. I/we understand that approval to our company will not be considered as an approval to any parent,sister or subsidiary company within our group of companies.

9. I/we acknowledge that failure to provide correct and accurate information may result in our requestfor empanelment submission being disregarded.

10. All pages are stamped with our company stamp and initiated by our authorized signatory below.No alteration has been made by us to the content of the EOI document.

Signed _____
[Insert signature of person whose name and capacity are shown below]

Name
[Insert complete name of person signing the Application]

In the capacity of _____
[Insert Designation of person signing the Application]

Duly authorized to sign the Application for and on behalf of
[Insert complete name of Applicant company]

Dated on _____



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VENDOR/SUPPLIER INFORMATION FORM

Date:

Sl. No.	Description	Vendor/Supplier Response			
1	Name of the Vendor:				
2	Address:				
3	Type of Organisation:				
4	GST Number: (Copy to be attached.)				
5	Year of Establishment:				
6	Factory Address:				
7	Turn Over in last three Financial Years: (Copies to be attached.)	2023-2024	2022-2023	2021-2022	2020-2021
8	Annual Production Capacity:				
10	Highest Wattage of SPV Module Currently Offered:				
12	ALMM Listing Status:				
13	BIS Certificate: (Copies to be attached.)				
14	List of Certificates/ Accreditations: (Copies to be attached.)				

Sign and Seal:

4. STANDARDS & CERTIFICATIONS:

- a. **IS 14286:** Crystalline silicon terrestrial photovoltaic (PV) modules -design qualification and type approval.
- b. **IEC 61215 / IEC 61646 /IEC 61215:** Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval Thin Film (IEC 61646): Design, Qualification & Type Approval.
- c. **IEC 61730-1:** Photovoltaic Module safety qualification- Part 1: Requirements for construction.
- d. **IEC 61730-2:** Photovoltaic Module safety qualification- Part 2: Requirements for testing.
- e. **IEC 61701:** Salt mist corrosion testing of photovoltaic modules.
- f. **IEC 62716:** Test Sequences useful to determine the resistance of PV Modules to Ammonia (NH3).

5. LIST OF ANNEXURES TO BE ATTACHED ALONG WITH THE BID:

- 1. Manufacturer registration certificate
- 2. GST registration Certification and PAN Card.
- 3. Undertaking stating that the firm has not been blacklisted at any SNA/ DISCOM/ MNRE.
(On the letterhead of the company.)
- 4. ALMM listing details.
- 5. Manufacturer plant certifications (ISO 9000/ 14000/ Any other).
- 6. Audited Balance sheets for the last three years.
- 7. Brochures & Data Sheets of all Panels to be empaneled.
- 8. List of Service/ Distribution Centers available at Kerala with all contact details.
- 9. Manufactures Authorization letter in case the supplier is dealer.
- 10. List of PV Modules & capacities offered.

Make	Model Name	Model Number	Wp Range	
			Minimum	Maximum

6. WARRANTY:

- The manufacturers shall furnish the warranty of Solar PV modules certificate as per MNRE guidelines.
- PV modules 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.
- The Warranty Card to be supplied with the system must contain the details supplied Modules including serial numbers accompanied with the OEM warranty card.