



K-AgTech LaunchPad
Transforming Rural Future

No. K-AgTech LPF/2026-TN-003

Date: 16.06.2026

TENDER NOTICE

Sealed Competitive Tenders are invited for the “**Installation of 20kWp Solar Photovoltaic System**” as detailed below.

Tender No. : K-AgTech LPF/2026-TN-003

Last date & time for receipt of tender : 04/07/2026 11:00 am

Date & time for opening of tender : 04/07/2026 11:30 am

Designation and Address of Purchasing Authority: The Chief Executive Officer, K-AgTech LaunchPad

Installation of 20kWp Solar Photovoltaic System

Sl. No.	Particulars	Details
1	System Capacity	20kWp
2	System Type	Grid-Connected Solar Photovoltaic System
3	Electrical Supply	Three phase
4	Net Metering	Compatible with Utility Net Metering Requirements
5	Installation Area	Approx. 20m * 5m (100 m ²)
6	Solar Module Technology	N-Type TOPC on Solar Modules or Equivalent/Superior Technology
7	Module Requirements	High Efficiency, Positive Power Tolerance, PID Resistant, IEC Certified, MNRE Approved Products Wherever Applicable



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8	Inverter Type	Three Phase String Inverter with Monitoring Facility
9	Monitoring System	Web and Mobile Based Monitoring Support
10	Protection Systems	Earthing, Lightning Protection, Surge Protection and Safety Devices
11	Mounting Structure	Suitable Corrosion Resistant Mounting Structure for Outdoor Installation on a 4.5m high elevated structure with adequate pillars and supports.
12	Scope of Supply	Solar Modules, Inverters, Mounting Structures, Cabling, Junction Boxes, Protection Devices, Earthing, Monitoring System and Accessories
13	Scope of Work	Supply, Transportation, Installation, Testing, Commissioning, Documentation and Training
14	Future Expansion	Provision for Future Capacity Enhancement Shall Be Considered

Terms and conditions:

1. The tender notification can be downloaded from the website www.kagtechlaunchpad.com/tenders
2. The envelope containing the tender should be superscribed as construction of **“Installation of 20kWp Solar Photovoltaic System”** and should be addressed to the Chief Executive Officer, K-AgTech Launchpad.
3. Each tender should be accompanied by tender fee and Earnest Money Deposit (EMD) of 1% of the cost of the quoted items (subject to minimum of Rs.1,500/-) by way of two crossed Demand Drafts separately for tender fee and EMD drawn in favour of the **Chief Executive Officer, K-AgTech LaunchPad payable at Federal Bank, Balaramapuram**. Late and incomplete tenders and tender without EMD, tender fee and agreement will not be accepted. Firms who are exempted from the payment of EMD should furnish copy of the currently valid certificates from Stores Purchase Department, Government of Kerala.
4. The tender should be accompanied by an agreement in Kerala Stamp Paper worth Rs.200/- (Rupees Two hundred only) and format can be downloaded from the above website. Withdrawal of tender after its acceptance or failure to supply the items or not according to the specifications will entail cancellation of tender.
5. The successful tenderer should execute an agreement in Kerala stamp paper worth

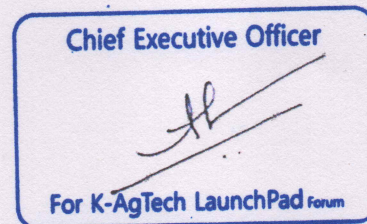


Rs.200/-(Rupees Two hundred only) and furnish a Security deposit of 5% of the cost of the items quoted in the form of Term Deposit/Bank Guarantee/Demand Draft drawn in favour of the **Chief Executive Officer, K-AgTech LaunchPad payable at the Federal Bank, Balaramapuram** when directed from this office. The format of the agreement can be downloaded from the above website.

6. The items should be delivered at K-AgTech LaunchPad and the rate quoted for each item should be inclusive of all charges, taxes, loading and unloading charges, if any and should be valid for one year with effect from the date of issue of supply order.
7. Tenders will be opened in the presence of tenders who may be present at that time.
8. If the date of opening the tender happens to be a holiday due to unexpected circumstances like bandh, hartal etc. tender will be opened on the next working day at the same place.
9. The work order will be placed, subject to the approval of the K-AgTech Launch Pad and availability of funds.
10. Tenders insisting on payment in advance, either full or part are liable for rejection.
11. On acceptance, the supply order will be placed and invoice should be addressed to the **Chief Executive Officer, K-AgTech Launch Pad**.
12. The quoted rate shall be a complete turnkey price and shall include supply, transportation, loading, unloading, installation, testing, commissioning, labour, supervision, statutory charges, taxes, contractor overheads, profit margin and all incidental expenses required for successful completion of the work.
13. The quoted amount shall include all materials required for successful execution including but not limited to Solar PV Modules, Inverters, Mounting Structures including pipes with 2mm thick hot dipped zinc galvanized (275 GSM) with ISI mark grade B class, Foundations, DC Cabling, AC Cabling, Junction Boxes, Isolators, Earthing System, Lightning Protection System, Monitoring System, Protection Devices, Conduits, Cable Trays, Fasteners, Signages and Accessories.
14. Payment as per the invoice will be made only after the completion of works as per specifications, and the tenderer is liable to replace the defective articles/rectify the defective items immediately on receipt of intimation.
15. The supplier shall submit a detailed technical proposal including module specifications, inverter specifications, system layout drawing, expected generation estimates and completion schedule along with the quotation.
16. The supplier shall provide complete structural, electrical and safety provisions necessary for reliable outdoor operation under Kerala climatic conditions.
17. The supplier shall ensure proper panel spacing, maintenance access, ventilation and structural stability within the available installation area.
18. Solar modules offered shall have a minimum 12-year product warranty and a minimum 25-year performance warranty.



19. Mounting structures shall have a minimum 10-year warranty against corrosion and structural failure.
20. Solar inverter(s) offered shall have a minimum 5–10 year manufacturer warranty from the date of commissioning.
21. The supplier shall clearly indicate the expected daily energy generation, annual energy generation, performance ratio, annual savings and estimated payback period based on Kerala solar irradiation conditions.
22. The supplier shall provide training to operating personnel and hand over all manuals, warranty certificates, test reports and commissioning documents upon completion.
23. The EMD/Security Deposit furnished will be forfeited in case the contract is not fulfilled as per the terms and conditions mentioned in the tender notice and agreement.
24. All rules and regulations applicable to Government tenders will be applicable to this tender also.
25. The contractor shall ensure the use of good quality materials and skilled workmanship, and the work site shall be kept clean and safe during execution.
26. The Chief Executive Officer (on the advice of Technical cum Purchase Committee) K-AgTech LaunchPad, has the right to accept or reject any or all of the offers without assigning any reason. The decision of the undersigned in finalizing the tenders will be final and binding.



To

K-AgTech LaunchPad Website

KAU Website

Copy to:

1. Notice Board



www.kagtechlaunchpad.com



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