

**GOVERNMENT OF MEGHALAYA
DIRECTORATE OF AGRICULTURE**

No. AE(M) 1938/ 2025-26 /2026-27/ 62,

Dated Shillong, the 14th September, 2026.

Notice Inviting Tender

The Directorate of Agriculture & Farmers Welfare, Meghalaya, Shillong invites sealed quotations under a two-bid system (Technical and Financial) for the Design, Supply, Installation, Testing, Commissioning and Comprehensive maintenance of 10kw hybrid solar power plant for Food Processing Centres across Meghalaya. The quotations must be submitted with a non-refundable court fee stamp of ₹200/- (Rupees Two Hundred) only. Detailed terms & conditions, eligibility criteria, and instructions can be accessed and downloaded from the official website: www.megagriculture.gov.in.

The last date for submission of quotations is **11:00 AM on 30th September, 2026**. The technical bids will be opened at **1:00 PM on the same day** at the Directorate of Agriculture, Cleve Colony, Shillong, Meghalaya – 793003, in the presence of the quotationers or their authorized representatives.

Quotations received after the stipulated deadline will be summarily rejected. The competent authority reserves the right to accept or reject any or all quotations without assigning any reason thereof.

The Tender Document may be collected from Room No. 411, Directorate of Agriculture & Farmers Welfare, Shillong during Office hour on payment of Rs.200/- only.

Sd/-

**Director of Agriculture
Meghalaya, Shillong.**

Memo. No. AE(M) 1938/ 2025-26 /2026-27/ 62-A,

Dated Shillong, the 14th September, 2026.

Copy forwarded to: -

1. The Director of Printing and Stationery, Meghalaya, Shillong for favour of information and he is requested to publish the same in the Meghalaya Gazette for wide Publicity.
2. The Joint Director of Agriculture, Tura, Garo Hills for information with a request to place in the notice Board for wide publicity.
3. The Agriculture Information Officer, with a request to publish the same on the official website of the Department.
4. The District Horticulture Office, Shillong, Nongstoin, Mawkyrwat, Mairang, Nongpoh, Jowai, Khliehriat, Williamnagar, Resubelpara, Tura, Ampati & Baghmara with a request to place in the notice Board for wide publicity.
5. The Assistant Agriculture Engineer (Mech), Shillong, Nongstoin, Mawkyrwat, Mairang, Nongpoh, Jowai, Khliehriat, Williamnagar, Resubelpara, Tura, Ampati & Baghmara with a request to place in the notice Board for wide publicity.
6. Office Copy.



**Director of Agriculture
Meghalaya, Shillong.**

Department of Agriculture and Farmers' Welfare



Tender for the "Design, Supply, Installation, testing, commissioning and comprehensive maintenance of 10 kw hybrid solar power plant"

**Government of Meghalaya
Cleve Colony
Shillong – 793003
www.megagriculture.gov.in**

CONTENTS

1. Definitions and abbreviation.....	3
2. Important information to Bidders/ Dealers.....	4
3. Introduction and objective of the project.....	5-6
3.1 District-wise beneficiary breakup details.....	6
SECTION – I.....	7
1. Scope of Work.....	7
2. Eligibility criteria.....	7
3. Fees.....	7
SECTION – II.....	8-9
1. Procedure for Submission of Bid.....	8-9
2. Bid Preparation Cost.....	9
3. Amendment to Tender Document.....	9
SECTION – III.....	10-11
General Terms and Condition.....	10-12
SECTION – IV.....	13-19
ANNEXURE -I: BOQ per unit of the 10kw hybrid solar power plant system.....	13-14
ANNEXURE -II: Financial Bid.....	15
ANNEXURE -III: Format for Self-Declaration.....	16
ANNEXURE -IV: Format for Financial Information.....	17
ANNEXURE -V: Bid Proposal Sheet.....	18
ANNEXURE -VI: Bidders/ Dealers Profile.....	19

1. Definitions and Abbreviations:

Unless the context otherwise requires, the following terms whenever used in this Tender Document have the following meanings:

- 1.2 **"PV"** means photovoltaic System
- 1.3 **"MOVCD"** Means for Mission Organic Value Chain Development scheme
- 1.4 **"FPO's"** stands for Farmers and Producers Organisations
- 1.5 **"FPC"** Stands for Food Processing Centre
- 1.6 **"PAN"** means Permanent Account Number
- 1.7 **"ADC"** stands for Autonomous District Council
- 1.8 **"GST"** stands for Goods and Service Tax
- 1.9 **"PSU"** stands for Public Service Undertaking
- 1.10 **"BIS"** stands for Bureau of Indian Standards
- 1.11 **"ISI"** stands for Indian Standards Institute
- 1.12 **"ISO"** stands for International organisation for Standardization
- 1.13 **"IEC"** stands for International Electrotechnical Commission standards
- 1.14 **"IS"** stands for Indian Standards
- 1.15 **"ALMM"** stands for Approved List of Models and Manufacturers
- 1.16 **"EMD"** stands for Earnest Money Deposit
- 1.17 **"DCDB"** stands for Direct Current Distribution Box
- 1.18 **"ACDB"** Stands for Alternating Current Distribution Box
- 1.19 **"LA"** stands for Lightning Arrestor
- 1.20 **"AC"** stands for Alternating Current
- 1.21 **"DC"** stands for Direct Current
- 1.22 **"SPV"** means Solar Photovoltaic System
- 1.23 **"UAT"** stands for User Acceptance Test
- 1.24 **"MePDCL"** stands for Meghalaya Power Distribution Corporation Ltd.
- 1.25 **"MNRE"** stands for Ministry of New and Renewable Energy
- 1.26 **"BOQ"** stands for Bill of Quantities
- 1.27 **"MCCB"** stands for Molded Case Circuit Breaker
- 1.28 **"SPD"** stands for Surge Protective Device

2. Important Information to Bidders

Sl. No.	Information	Details
1.	Tender No.	No. AE(M)
2.	Tender Publication Detail	The Tender document can be seen and downloaded from the website www.megagriculture.gov.in
3.	Date of Commencement of Tender	
4.	Last Date and Time for submission of Tender	
5.	Date & Time of Opening of Technical Bids	
6.	Tender Validity Period	13 (Thirteen) days from the date of floating the Tender.
7.	EMD Amount	₹ 1,00,000/- (one lakhs Rupees) only in the form of DD on a Public Sector Bank in favor of the Director of Agriculture, Meghalaya, Shillong.
8.	Address For Communication / Pre-Bid / Submission/ Opening of Technical & Commercial Bid	Engineering Wing, Room No 410 Directorate of Agriculture Cleve Colony Shillong – 793003 East Khasi Hills, Meghalaya
9.	Contact person	Shri. N. M. L. Lyngdoh, Superintending Engineer.
10.	Contact email	Jda.mechanical@gmail.com
11.	Contact Phone No	9856439765/ 8416023061

3. Introduction and objective of the project:

The project envisages the installation of **10 kW Hybrid Solar Photovoltaic (PV) Power Systems** at **12 (twelve) Food Processing Centres (FPCs)** established under the **Mission Organic Value Chain Development (MOVCD) Scheme** of the Directorate of Horticulture, Government of Meghalaya. These FPCs are operated by Farmer Producer Organizations (FPOs) and are strategically located across various districts of Meghalaya, particularly in remote and rural agricultural regions where access to reliable grid electricity is either inadequate, intermittent or unavailable.

The Food Processing Centres play a critical role in strengthening the agricultural value chain by providing facilities for post-harvest management, processing, storage and value addition of locally produced horticultural and agricultural commodities. The centres process a wide range of products including **Lakadong turmeric, ginger, pineapple, citrus fruits, vegetables, pulses, spices, floriculture products and other region-specific produce**. To support these activities, the FPCs are equipped with processing infrastructure such as washing and grading units, dryers, pulverizers, grinders, oil extraction units, pulpers, juice processing equipment, cold storage facilities, packaging units and other ancillary machinery, all of which require a dependable and continuous power supply.

However, unreliable electricity supply remains a major operational constraint, affecting processing schedules, increasing dependence on diesel generators, raising operational costs and contributing to post-harvest losses. Frequent power interruptions also limit the effective utilization of installed infrastructure, reducing the productivity and profitability of Farmer Producer Organizations.

To address these challenges, the proposed project seeks to deploy **10 kW Hybrid Solar PV Systems** with battery energy storage and grid integration at each of the 12 Food Processing Centres. The hybrid systems will ensure uninterrupted, clean and cost-effective power, enabling continuous operation of processing equipment and facilities while reducing dependence on conventional energy sources.

Overall, the project represents an important step towards building resilient, energy-secure and environmentally sustainable rural food processing infrastructure, while contributing to long-term socio-economic development across Meghalaya.

Objectives of the Project:

The proposed Project aims to strengthen the operational efficiency and sustainability of Food Processing Centres through the deployment of hybrid solar power systems. The key objectives are as follows:

1. Ensure Reliable and Uninterrupted Power Supply

To provide dependable, round-the-clock electricity to the twelve Food Processing Centres through hybrid solar PV systems, ensuring uninterrupted operation of processing, storage and allied activities despite unreliable grid supply.

2. Strengthen Agro-Processing and Cold Chain Infrastructure

To support continuous operation of processing machinery and cold storage facilities, thereby minimizing post-harvest losses, preserving product quality, extending shelf life and enhancing value addition of agricultural and horticultural produce.

3. Promote Decentralized Renewable Energy Solutions

To establish sustainable, decentralized clean energy infrastructure that reduces dependence on conventional electricity and diesel generators, lowers transmission losses and serves as a scalable model for rural agro-processing facilities across Meghalaya.

4. Enhance Farmers' Income through Value Addition

To improve the processing capacity and operational efficiency of Farmer Producer Organizations, enabling higher-value processing, better product quality, improved marketability and enhanced income opportunities for farmers.

5. Empower Women and Rural Youth

To create greater livelihood opportunities for women and youth by providing access to reliable energy for agro-processing, packaging, entrepreneurship and skill development, thereby promoting inclusive rural economic growth.

6. Improve Agricultural Productivity and Supply Chain Efficiency

To facilitate efficient post-harvest management and processing of agricultural produce through uninterrupted power availability, resulting in reduced wastage, improved productivity and strengthened agricultural value chains.

7. Reduce Operational Costs and Carbon Emissions

To replace diesel-based power generation with clean solar energy, thereby reducing fuel consumption, lowering operational expenditure, minimizing greenhouse gas emissions and promoting environmentally sustainable agricultural practices.

8. Facilitate Market Access and Rural Industrial Development

To enhance the competitiveness of Meghalaya's agricultural products by supporting improved processing, packaging, branding and quality assurance, enabling Farmer Producer Organizations to access wider domestic and export markets while encouraging rural industrialization.

9. Build Climate-Resilient and Sustainable Rural Infrastructure

To strengthen the resilience of rural Food Processing Centres against energy shortages and climate-related disruptions by deploying reliable renewable energy systems that ensure long-term operational sustainability.

10. Improve Rural Livelihoods and Community Development

To contribute to improved quality of life in rural communities by strengthening food processing infrastructure, creating local employment opportunities, reducing energy poverty and supporting sustainable socio-economic development in Meghalaya.

3.1 District wise Beneficiary Break-up details:

Sl No.	District	No. of Beneficiary/User
1.	Ri-Bhoi	2
2.	South West Garo Hills	1
3.	South Garo Hills	1
4.	East Garo Hills	1
5.	West Garo Hills	1
6.	North Garo Hills	1
7.	East Jaintia Hills	1
8.	West Jaintia Hills	1
9.	East Khasi Hills	1
10.	South West Khasi Hills	1
11.	West Khasi Hills	1
Total =		12 Nos

SECTION – I:

1. Scope of Work:

- 1.1. **Supply and Installation:** The scope of work includes end to end service comprising of the design, supply, installation, testing, commissioning and maintenance of 10KVA hybrid solar power plant for Food Processing Centers at various location across Meghalaya as per the technical specifications and BOQ indicated at Annexure I and terms and conditions of the Tender document.
- 1.2. **Service and Repair:** The bidder shall also provide comprehensive maintenance free of cost for 1 (One) years including appropriate onsite warranty on material/Equipment's as per company's/ Manufacturers policy from the date of commissioning.
- 1.3. The Bidder should make available to the User the services and original spare parts for the Hybrid Solar plant System.
- 1.4. It is within the scope of work that the bidder shall, on its own, coordinate with the concerned power authority for installation or provision of the net metering system, upon request of the beneficiary. The cost associated with such installation shall be borne by the beneficiary.

2. Eligibility Criteria:

- 2.1. The Bidder/Authorized dealer should be financially sound having average annual turnover of ₹50,00,000 (Fifty Lakhs) during last 3 (three) financial years (FY 23-24, FY 24-25 & FY 25-26).
- 2.2. The Bidder/Dealer should provide up to date Income Tax return document and audited financial statement/Balance sheet for last 3 (three) financial years (FY 23-24, FY 24-25 & FY 25-26).
- 2.3. Bidder/Dealer should have local presence/representative in Shillong/any district in Meghalaya. Dealer should submit a proof for the same if necessary.
- 2.4. The Bidder/Dealer should possess a valid PAN and a copy of the same should be provided.
- 2.5. The supplier should not have been debarred or black listed by any State / Central Govt. /PSU.
- 2.6. The Bidder/Dealer should possess necessary GST registration from the competent authority and copy of same should be provided.
- 2.7. The Bidder/Dealer should have upto date Professional Tax Certificate issued by concerned ADC.
- 2.8. The agency should possess Valid Trading License for Non - Tribal issued by concerned ADC.
- 2.9. The Bidder having experience of Supply and Installation of Solar power plant in the Northeastern region and Hilly states particularly in Meghalaya shall be given preference.
- 2.10. Bidder should be Authorized Dealer and Should conform to BIS/ISI/ISO/IEC/IS standards with supporting documents.
- 2.11. The PV modules to be supplied shall be from manufacturers listed in the Approved List of Models and Manufacturers (ALMM) as per applicable government guidelines.
- 2.12. Attach all documentary proofs without which the bid shall be rejected.

3. FEES:

- 3.1. **Court fee stamp:** = ₹ 200.00/- (Two hundred Rupees) only
- 3.2. **Earnest Money Deposit (Refundable):** Earnest Money amounting to ₹ 1,00,000 /- (One Lakhs Rupees) Only in the form of Demand Draft on a Public Sector Bank but not from Gramin/Cooperative Bank in favor of the **Director of Agriculture, Meghalaya, Shillong** is to be deposited.

SECTION – II

1. Procedure for submission of bids:

The Bid shall be submitted in 2 (two) parts; part-I and part-II as under: -

PART-I: Pre-qualification/Technical Bid

The following documents should be arranged in the following sequential order and kept inside a single envelope and marked as **“Technical Bid”** and the envelope should be properly sealed. Following is the list of documents to be submitted:

Sl. No.	Name of the Documents
1.	Bid Proposal Sheet (as per format given in Annexure V)
2.	Bidders/Dealers Profile (as per format given in Annexure VI)
3.	Copy of payment receipt as the Tender fee of ₹ 200/- (Two Hundred Rupees) Only to be enclosed
4.	Non-refundable Court Fee stamp of ₹ 200/- (Two Hundred Rupees) Only
5.	Earnest Money Deposit (EMD) of ₹ 1,00,000 /- (One Lakhs Rupees) Only
6.	PAN card
7.	Financial Stability Certificate from any Recognized Bank.
8.	GST Registration certificates & up to date GST returns
9.	Dealership certificate (in case of Dealers)
10.	Bidder/ Dealer Financial Information (as per Annexure-IV), along with Audited balance sheets for last three 3 (Three) Financial Years duly approved by registered Chartered Accountant (FY 23-24, FY 24-25 and FY 25-26).
11.	Up to Date Income Tax Return
12.	Up to date professional tax certificate issued by the Autonomous District Council
13.	Copy of the Trading License (In case of Non – Tribal)
14.	Schedule Tribe Certificate
15.	Documents Confirming that the PV panels is listed under ALMM.
16.	BIS/ISI/ ISO/IEC/IS standards shall be submitted, along with supporting documents and valid certificates of the components quoted
17.	MNRE Registration and wireman license
18.	Self-Declaration (as per format given in Annexure III)
19.	Tender document which is signed by the Bidder/Dealer in all the pages
20.	Experience Certificates, Completion Certificates etc. or Letters / Documents of Registration/Approval/Empanelment in other Departments/States.
21.	Complete technical details/ technical literature and catalogue, data sheet and detail technical specification of the components quoted

PART - II: Financial Bid

Financial Bid will be considered for evaluation only for those Bidder/Dealer who have cleared the technical bid. The Financial Bid should be kept inside a separate envelope, marked as **"Financial Bid"** as per the format in **Annexure – II**.

Both the envelopes (i.e. Technical Bid & Financial Bid) should be enclosed in a larger envelope duly sealed and marked as **"Quotation for Design, Supply, Installation, testing and commissioning and comprehensive maintenance of 10 kw solar hybrid inverter plant for Food Processing Centers across Meghalaya."** with title and reference number and a statement **"To be opened by addressee only"** and the name and address of the Bidder/Dealer to be submitted to the **Engineering Wing, Directorate of Agriculture, Meghalaya** before the last date for submission of the Tender Document as mention.

2. Tender Preparation Cost:

The Bidder/Dealer shall bear all costs associated with the preparation and submission of its bid, including the cost of presentation for the purpose of clarification of the bid, if so desired by the client and client will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding Process. Tender document can also be downloaded from **Department website** www.megagriculture.gov.in

3. Amendment to Tender Document:

- 3.1. At any time prior to the last date for receipt of bids, the client may for any reason, whether at its own initiative or in response to a clarification request by the prospective Bidder/Dealer, modify the Tender document by an amendment.
- 3.2. The amendment/Corrigendum if any will be notified in the department website (www.megagriculture.gov.in) and will be binding on the Bidder/Dealer. The Bidder/Dealer have to check the website regularly for any updates.
- 3.3. In order to afford prospective Bidder/Dealer reasonable time in which to take the amendment into the account in preparing their bids, the Department may, at its discretion, extend the last date for the receipt of the Bids.

SECTION – III

GENERAL TERMS AND CONDITIONS

1. The systems installed under this scheme shall comply with the technical specifications, BOQ indicated as per Annexure I and construction standards as per ALMM (Approved List of Models and Manufacturers) and applicable BIS/ISI/ISO/IEC/IS standards, as amended from time to time and as specified in the Tender Document. Any non-compliance shall be treated seriously and may lead to blacklisting of the successful bidder, in addition to action under applicable laws in force.
2. Delivery of all material to last mile shall be in the scope of the Bidder without any additional claims.
3. The successful bidder shall have to make site survey in close coordination with Directorate of Agriculture, Engineering Wing staff to identify a suitable location within the premises for the installation of the 10kw Solar Hybrid Inverter Systems, Battery backup, DCDB, ACDB, Earthing, LA including cable routing of PV Systems, AC/DC cable routing for grid connectivity etc.
4. The successful bidder shall submit SITE SURVEY REPORT comprising of Single Line Diagram showing the position of components SPV Power Plant such as PV Module, DCDB, ACDB, Earthing, LA etc. of each plant along with Bill of Material if necessary and with necessary photographs of the selected components location as fit necessary for clarification.
5. The SITE SURVEY REPORT should be duly signed by the Bidder/ Authorised representative of successful bidder, User and representative of Directorate of Agriculture, Engineering wing and should get approved by Superintending engineer, Engineering wing, Directorate of agriculture, Meghalaya, Shillong.
6. After sales service should be provided by the Bidder/authorized dealers, free of cost for a period of 1 (one) Years. The company shall repair or replace any components/instruments of the system free of cost within warranty period, if they are found to have manufacturing defects or workmanship defects.
7. All components and works shall adhere to relevant Indian Standards, State and Central policies and regulations and all statutory provisions under the Indian Law.
8. The successful bidder shall be entirely responsible for the execution of work in accordance with this tender including but not limited to its specifications, schedule and annexures. The successful bidder shall further provide guarantee and be responsible for the quality and workmanship of all materials and completed works, survey, correct designs and drawings, correct delivery of materials, erection, testing, commissioning and mandatory maintenance.
9. Any other works which is not mentioned but necessary for successful commissioning, Guarantee / Warranty and Maintenance for 1 (one) Years would be in the scope of bidder. All approvals required for successful commissioning of the systems shall be in the scope of successful bidder.
10. The successful bidder shall repair at its own cost any damages caused to premises of installation during implementation of the work. Directorate of Agriculture will not be liable for any such damages caused.
11. **Insurance Clause:** The successful bidder shall, at its own cost, obtain and maintain comprehensive insurance coverage for all materials, equipment, tools, machinery and personnel deployed for execution of the work covering right from the date of commencement, successful installation, testing, commissioning and handing over of the system and valid till the end of 1(one) year of comprehensive maintenance contract.
 - i. The insurance shall adequately cover risks including but not limited to:
 - o Loss of or damage to solar PV modules, inverter, batteries, mounting structures, cables and all associated equipment during transit, storage, handling and installation;
 - o Theft, burglary, fire, lightning, flood, cyclone, storm, earthquake and other natural calamities;
 - o Accidental damage during erection, testing and commissioning;
 - o Third-party liability for injury, death or property damage arising out of execution of the work;
 - o Workmen compensation or employee insurance as required under applicable laws.
 - ii. The bidder shall remain solely responsible for any loss, damage or injury not covered by the insurance policy and shall indemnify the Directorate of Agriculture, Government of Meghalaya against all claims, liabilities, losses and expenses arising out of execution of the work.
 - iii. The bidder shall submit copies of the insurance policies to the Directorate of Agriculture before commencement of installation work. Failure to maintain valid insurance throughout the execution period shall constitute a breach of contract.

- iv. Upon successful commissioning and handing over of the system, the responsibility for obtaining operational insurance, if required, shall rest with the beneficiary/owner unless specifically provided otherwise in the contract.
12. Financial bids of only technically qualified Bidder/ dealer shall be evaluated.
 13. The bidder should have a local presence/ local representative in Shillong/ any districts in Meghalaya and a proof of the same is to be submitted.
 14. All final specifications, bill of materials, quality assurance plan etc. shall be inspected to determine close adherence to the required specification and indicative BOQ but not less in quantity or quality as instructed in the Tender Document.
 15. The successful bidder shall submit technical details of module, Inverter etc. and its test report, testing and commissioning report & handing over/taking over certificate of Plant, installed system photographs and bill of material to Directorate of Agriculture, Engineering wing for future reference.
 16. Operation manual containing the details of operation & maintenance practices, precautions, troubleshooting etc. and the details of service centers, particulars of service personals shall be provided to each user / beneficiary and Directorate of Agriculture, Engineering wing in either of the language i.e. English & local languages.
 17. The Bidder should adhere with all seriousness to the time schedule provided by the Department.
 18. MePDCL may be consulted before finalization of voltage level and specification is made accordingly. The successful bidder will ensure the appropriate voltage connections before installation of the inverter and a certificate to that effect is to be furnish. Directorate of Agriculture, Engineering wing will not be responsible for any damage caused due to voltage fluctuations or faulty installations by the Bidder/Dealer.
 19. The system shall be deemed to be successfully installed & commissioned after 72 (seventy- two) hours of trouble-free operation of the system in compliance with IEC/BIS standards.
 20. Any kind of co-ordination including those regarding clearance, permits etc. needed with various departments and authorities must be taken up by successful bidder itself and same shall be discussed with Directorate of Agriculture Engineering wing beforehand.
 21. After successful installation, commissioning, testing with User Acceptance Test (UAT) of complete systems the asset is to be jointly handed over to the User. The Commissioning Certificate and Handing over Certificate covering the details of all the materials used and total work executed must be signed jointly by the authorized representative of User, representative of successful bidder and Directorate of Agriculture, Engineering wing Project Officer.
 22. User Acceptance Test (UAT) shall comprise of measurement and reporting of all technical parameters of the system jointly signed by successful bidder, representative of Directorate of Agriculture, Engineering wing officer and User.
 23. Relevant IEC/BIS standards shall be guiding standards for such tests or inspections.
 24. Handing over certificate & Operational Acceptance Certificate as well as completion certificates shall be issued accordingly on completion of requisite works and completion of Contract Period, if the complete scope of work is completed.
 25. Commissioning and Handing over Certificate duly signed by User, concern Departments Project Officer & the successful bidder.
 26. All bidders must be an MNRE registered Vendor and should have a License Wireman working under him and a proof of the same must be submitted.
 27. The Bidder shall submit the Technical Particulars including complete datasheets, catalogues, technical designs and relevant certificates in accordance with the specifications. These documents shall be submitted to Directorate of Agriculture, Engineering wing for review.
 28. An undertaking by successful bidder certifying that the civil work will withstand the wind speed of 200-250 km/hr. in all weather conditions.
 29. Successful bidder shall provide complete technical data sheets for each equipment giving details of technical specifications along with make / makes, basic design of the PV Installation setup along with protection equipment for approval before supply.
 30. No advance payment will be made on the commissioning of the system installation.
 31. If the interested firm/company back out or withdraw at any stage of the Bidding process it will become ineligible to participate in any such empanelment exercise to be carried out by the authority in future.

32. No proposal may be withdrawn in the interval between the deadline for submission of proposals and the completion of the work. Entire EMD may be forfeited if any of the bidders withdraw their bid during the validity period.
33. Rates shall be quoted on a unit-cost basis F.O.R. Destination and shall be applicable uniformly across all the selected locations. The lowest quoted bidder (L1) shall be considered for award of the contract.
34. The undersigned reserves the right to accept or reject any proposal without assigning any reason thereof and is not bound to accept the lowest rate.
35. Acceptance/cancellation/Negotiations of the quotations will depend solely on the discretion of the undersigned and the undersigned is not bound to accept the lowest quotation if found unsuitable.

PLEASE NOTE THAT THE TENDER COMMITTEE RESERVES THE RIGHT TO REJECT THE PROPOSAL/ QUOTATION IF IT FINDS INSUFFICIENT DOCUMENT. ALL XEROX DOCUMENTS SHOULD BE ATTESTED.



**Director of Agriculture
Meghalaya, Shillong**

SECTION – IV

ANNEXURE - I

INDICATIVE BOQ PER UNIT OF THE 10KW HYBRID SOLAR POWER PLANT SYSTEM

Tender for the Design, Supply, Installation, testing and commissioning and comprehensive maintenance of 10 kw hybrid solar Power plant

The Tender is invited under a Unit Rate System, wherein the equipment/items are grouped together and treated as a single composite unit. Bidders are required to quote for the complete unit as a whole and not for individual components separately.

Bidders shall strictly adhere to the technical specifications, Bill of Quantities (BOQ) and performance requirements provided. Where applicable, bidders may propose equivalent specifications or standards, provided that such alternatives are closely aligned with the specified requirements in terms of technical parameters, quantities, capacity and performance and are equal to or superior to the prescribed specifications.

Any deviation from the specified BOQ, technical specifications or required quantities shall be clearly indicated and justified by the bidder. However, proposals that significantly deviate from the specified requirements or fail to closely match the given BOQ, specifications or numbers as appropriate, may be considered non-responsive or non-compliance and shall result in rejection of the Bid.

SI N	Material/Equipment	Specification	Total Quantity	Remarks
1	N type half cut Bi facial TOPCON Solar Panel	610W, 48V	26 Nos	
2	Hybrid Solar Inverter (Single-phase output)	Rated 10kw	1 No	
3	Lithium-Ion Phosphate Battery Class-A	100Ah, 51V	3 Nos	
4	DCDB Box	-	1 No	
	DC isolator Switch (Dual Pole)	1000VDC, 16A	2 Nos	
	DC MCCB (Molded Case Circuit breaker, Dual Pole)	1000VDC, 20A	2 Nos	
	DC SPDs (Surge Protection Device, Dual Pole)	1000V, 40KA	2 Nos	
5	DC MCCB (Dual Pole)	144 V, 90A	1 No	
6	ACDB Box	-	1 No	
	AC MCCB (Molded Case Circuit breaker, Dual Pole)	230V, 63 A	2 No	
	AC SPDs (Surge Protection Device, Dual Pole) Type II	230V, 40KA	2 Nos	
7	AC breaker Single pole, 63A	63 A	1No	
8	Earthing Kit	-	4 Nos	
9	Lightning Arrester Set	-	1Nos	
10	Earthing Chemical compound (salt, charcoal & Bentonite clay)	-	As per Requirement (for 4 Nos of pit)	
11	Wiring			
	Solar Panel module to inverter Copper wiring	6 mm ²	50 m	

	Inverter module to Battery bank Copper wiring	25 mm2	50 m	
	Grid to inverter via ACDB Copper wiring	6 mm2	50 m	
	AC and DC side Earthing wiring	10mm2	50 m	
	LA side wiring	16mm2	30 m	
	Body Earthing	10 mm2	50	
12	MC4 Connectors (For series/parallel connections)		30Nos	
13	Other accessories like clamps, conduit pipe, pipe clips, zip tie etc.	-	As per requirement	
14	Solar panels Steel Support Structure (RCC roof top or Ground mounted)	-	As per requirement	

ANNEXURE II

FINANCIAL BID (UNIT RATES)

(To be put on the FIRM'S/DEALERS'S LETTER HEAD)

Tender for the Design, Supply, Installation, testing and commissioning and comprehensive maintenance of 10 kw hybrid solar Power plant

Name of the Bidder/Authorized dealers with address: _____

Contact no : _____

Email : _____

Quotation of rates: Rates shall be quoted on a unit-cost basis F.O.R. Destination, in figures and words and shall be applicable uniformly across all the selected locations. Financial bids of only technically qualified bidders shall be opened. The lowest quoted bidder (L1) shall be considered for award of the contract.

Sl No.	Description	Specification	Unit Rate F.O.R Destination (Rupees)		Remarks
			In Figure	In Words	
1	Design, supply, installation, testing and commissioning of 10kw Hybrid Solar Power Plant System (Including 1 (One) year comprehensive Maintenance)	Annexure I			

ANNEXURE III

FORMAT FOR SELF – DECLARATION

(To be put on the FIRM'S/DEALERS'S LETTER HEAD)

SELF – DECLARATION

Sir/Madam

With reference to Tender No.

We/I, hereby declared that:

- 1) We have carefully gone through the Detailed Tender Document mentioned thereon and hereby certify that We have clearly understood and agree to abide by the Terms and Conditions of the Tender Document.
- 2) The prices mentioned in our Financial Bid are in accordance with the terms as specified in the Tender documents.
- 3) We hereby confirm that our prices are inclusive of all taxes.
- 4) We hereby commit to providing assurance to free of cost After sales service for a period of 1 (One) years from the date of installation and in-addition with the applicable Equipment's warranty.
- 5) Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to completion of the project.
- 6) We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the Bid is true and correct to the best of our knowledge and belief.
- 7) We understand that our proposal is binding on us and that you are not bound to accept a Proposal you receive.
- 8) We have never been blacklisted or there were no debarring actions against us for any default or misdeed by any State Government, Central Government or any other Public Sector Undertaking or a Corporation or any other Autonomous Organization of Central or State Government as on Bid submission date. In the event of any such information pertaining to the aforesaid matter found at any given point of time prior or during the course of the timeline of work, our Bid/ Work Order may be immediately terminated/ cancelled without any notice and action as deemed suitable may be taken.
- 9) We certify that all information provided is true and correct and if at any point of time the information is found to be incorrect, My/Our BID will be liable for rejection by the Director of Agriculture.

Date:

Yours faithfully,

Place:

**Authorized Signatory of the Company/authorized dealer
(Name, Seal and Signature)**

ANNEXURE IV

FORMAT FOR FINANCIAL INFORMATION

(To be put on the FIRM'S/SUPPLIER'S LETTER HEAD)

Tender Name: Tender for the Design, Supply, Installation, testing and commissioning and comprehensive maintenance of 10 kw hybrid solar Power plant.

Name of the Bidder/Dealer	Turn Over (₹ In Lakhs)			
	FY 23-24	FY 24-25	FY 25-26	Average of 3(three) Financial Years

ANNEXURE V

BID PROPOSAL APPLICATION

(To be put on the FIRM'S/SUPPLIER'S LETTER HEAD)

To,

The Director of Agriculture,
Meghalaya, Shillong.

Subject: Submission of Tender Document for Design, Supply, Installation, testing and commissioning and comprehensive maintenance of 10 kw solar hybrid inverter plant

Reference: Advertisement No.

Sir/Madam,

In inviting a reference to the letter no. on the subject quoted above, I have the honor to submit herewith my proposal for Design, Supply, Installation, testing and commissioning and comprehensive maintenance of 10 kw solar hybrid inverter plant along with relevant documents mentioned below for favor of your kind consideration.

We, the undersigned, have read and examined in detail the general terms and conditions, the specifications and the entire Tender document.

Yours faithfully,

Encl: As stated.

**Authorized Signatory of the Company/authorized dealer
(Name, Seal and Signature)**

ANNEXURE VI

BIDDERS/ DEALERS PROFILE

(To be put on the FIRM'S/SUPPLIER'S LETTER HEAD)

Sl. No.	General Information	
1.	Name of the Bidders/Dealers	
2.	Year of establishment	
3.	Date of Registration	
4.	Address	
5.	Local Address	
6.	Name of the Contact Person	
7.	Mobile	
8.	Telephone No.	
9.	Email	
10.	Fax No.	