

**GOVERNMENT OF MEGHALAYA
DEPARTMENT OF AGRICULTURE & FARMERS' WELFARE
DIRECTORATE OF AGRICULTURE
LOWER CLEVE COLONY
SHILLONG – 793003**

Email: agri-meg@nic.in

0364-2222460 (O)

No. DAD – 1729/PMKSY/COR/2020-21/ 112

Dated Shillong, the 10th February, 2022


Notice Inviting Request for Proposal (RFP) for Supply and Installation of Micro irrigation System under Pradhan Mantri Krishi Sinchayee Yojana – Per Drop More Crop (PMKSY – PDMC).

Request for Proposal (RFP) are invited from the manufacturers or their authorized dealers of Micro irrigation System with proven track record and experience in supply and installation of Micro irrigation systems for approval to supply and install Micro irrigation system in the Farmers' Field in the State of Meghalaya under Pradhan Mantri Krishi Sinchayee Yojana – Per Drop More Crops (PMKSY – PDMC) w.e.f, 2021-22.

RFP Details including Terms and conditions can be downloaded from the Website: <http://megagriculture.gov.in> by interested Firms who will have to attach a Demand Draft of INR 500/- (Non-refundable) in favour of the Director of Agriculture, PMKSY, Meghalaya at the time of Submission of Bids.

The last date for submission of the completed RFP will be on or before 12: 00 noon on 03/03/ 2022 in Room No 110, Directorate of Agriculture, Lower Cleve Colony, Shillong - 793003 and the same will be opened on the same day at 2:00 PM in presence of the bidders or their authorized representatives (only one from each firm) who wish to attend.

This RFP does not constitute an offer and is issued with no commitment. Director of Agriculture, Meghalaya reserves the right to modify/revise/postpone/refloat/cancel the RFP at any stage without assigning any reasons.


**Director of Agriculture,
Meghalaya, Shillong.**

DISCLAIMER

The Information contained in this Request for Proposal document (the "RFP") or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of DIRECTORATE OF AGRICULTURE (which expression shall also include its successors and Permitted Assigns), GOVERNMENT OF MEGHALAYA, or any of their employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This Request for Empanelment (hereafter referred to as the 'RFP') is not an agreement and is neither an offer nor invitation by DIRECTORATE OF AGRICULTURE, GOVERNMENT OF MEGHALAYA, to the prospective Bidders or any other person. The purpose of this RFP is to provide interested Bidders with information that may be useful to them in making their Bids/Proposals pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the DIRECTORATE OF AGRICULTURE, GOVERNMENT OF MEGHALAYA, in relation to the Scheme. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP may not be appropriate for all persons, and it is not possible for DIRECTORATE OF AGRICULTURE, GOVERNMENT OF MEGHALAYA, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this RFP and obtain independent advice from appropriate sources.

Information provided in this RFP to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The DIRECTORATE OF AGRICULTURE, GOVERNMENT OF MEGHALAYA, accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

DIRECTORATE OF AGRICULTURE, GOVERNMENT OF MEGHALAYA, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the

accuracy, adequacy, correctness, completeness or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way for participation in the Bidding Process.

DIRECTORATE OF AGRICULTURE, GOVERNMENT OF MEGHALAYA, also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this RFP. DIRECTORATE OF AGRICULTURE, GOVERNMENT OF MEGHALAYA, may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by DIRECTORATE OF AGRICULTURE, GOVERNMENT OF MEGHALAYA, or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder. Either the issue of this RFP or its submission by the Bidder does not vest any right in the Bidder for being selected for award of the Project.

DIRECTORATE OF AGRICULTURE, GOVERNMENT OF MEGHALAYA, reserves the right to reject all or any of the Bids without assigning any reason whatsoever.

1. BACKGROUND:

Introduction:

Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)'s motto is to provide "Har Khet Ko Paani" and end-to-end solutions in irrigation supply chain, viz. water sources, distribution network and farm level applications. It comprises of four components, namely (i) Accelerated Irrigation Benefit Programme (AIBP), (ii) Har Khet Ko Paani, (iii) Watershed Development and (iv) Per Drop More Crop.

As per the guidelines of the Scheme formulated by the Ministry of Agriculture, Government of India since the final outcome of PMKSY is to ensure access to efficient delivery and application of water at every farm thereby enhancing agricultural production & productivity, State Agriculture Department may be the Nodal Department for implementation of PMKSY (Per Drop More Crop). However, State Govt. is free to identify the nodal department based on the established institutional set up and mandate of the department. All communication between Ministry of Agriculture (MoA) and State Government would be with and through the nodal department.

In this context, the Department of Water Resources, Meghalaya has been entrusted to implement the component under Other Interventions (OI) since the inception of the Scheme and will continue to do so as they have the expertise in construction of water harvesting structures, etc. However, the other component of the Scheme viz. Micro irrigation (MI) will be implemented by the Directorate of Agriculture through the District Agriculture Officers and the District Horticulture Officers in tandem with the Executive Engineers, Water Resources Department across the State.

Objectives of the Scheme:

The main objectives of Per Drop More Crop Micro Irrigation) are as under:

- a. Increase the area under micro irrigation technologies to enhance water use efficiency.
- b. Increase productivity of crops and income of the farmers through precision water Management.
- c. Promote micro irrigation technologies in water intensive/consuming crops.
- d. Promote micro irrigation technologies in water scarce, water stressed areas.
- e. Link tube-well / river-lift irrigation projects with micro irrigation technologies for best use of energy both for lifting and pressurised irrigation as far as possible.
- f. Establish convergence and synergy with activities of on-going programmes and schemes, particularly with created water source for its potential use, integration of solar energy for pressurized irrigation etc.
- g. Promote, develop and disseminate micro irrigation technology for agriculture and horticulture development with modern scientific knowledge.
- f. Create employment opportunities for skilled and unskilled persons, especially unemployed youth for installation and maintenance of micro irrigation systems.

Implementation Strategies

- I. Water is becoming scarce commodity these days due to competitive demand and also due to the change in climatic behavior, particularly the erratic nature of rainfall. The available water sources or the new sources those are being created need to be used in best possible manner to fulfill the vision of "Per Drop More Crop" of PMKSY through efficient water management (Jal Sinchan) practices. It is in this context more vital to link most of the water sources with micro irrigation to get extended coverage for a longer duration. Cluster approach may be adopted in irrigation chain development, to have effective integration of source, connectivity, distribution and application.
- II. It is desirable to make potential use of the available water for sustained growth in agriculture sector. Preference should be given to adopt Micro Irrigation technology in water guzzling crops and the state implementing agencies should take suitable steps like publicity campaigns, policy provisions & sharing responsibilities with the Micro Irrigation industry so that adoption of technology is initiated in such crops. Apart from horticulture and water guzzling crops, cereals and pulses may also be brought under the ambit of Micro irrigation.
- III. Efforts may be made for integration of micro irrigation with solar pumping units. A solar water pump has a mini power house at its heart and consists of a calibrated and matching solar array of modules – tuned with the equivalent power of pump for that particular application. The solar water pumping system is capable of running all types of electrical water pumps with applications varying from irrigation to household demands. Irrigation pumps such as submersible, surface or deep well can also be coupled with drip irrigation systems to enhance the returns from this configuration. A 2000 Watt Peak (WP) solar water pump is capable of drawing and pumping approximately 80,000 litres of water per day from a source that is up to 10 meters deep. This is sufficient to irrigate about 1 ha of land with regular crops.
- IV. More focus and priority be given for promoting micro irrigation technologies in water scarce, water stressed and critical ground water blocks/districts to conserve water and get extended coverage in terms of area and time period for live saving irrigation. Where ever feasible efforts should be made to Link tube-well / river-lift irrigation projects with micro irrigation technologies for best use of energy both for lifting and pressurized irrigation.
- V. Assistance for installation of micro irrigation system is limited to five hectares per beneficiary. The land holding of a beneficiary to be covered under drip/sprinkler system could be located in one contiguous area or at different locations, but the financial assistance will be limited to the overall ceiling of 5 ha. Those beneficiaries, who have already availed subsidy benefits for his /her farm, can not avail the assistance for the next seven years. A beneficiary if availed the benefit of subsidy for micro irrigation for a particular farm would be eligible for subsidy again for the same land only after the end of projected life of the micro irrigation system which is 7 years.

- VI. In case of Cooperative/group farming, members of cooperative societies, self-help groups, incorporated companies, NGOs, Trusts; growers' associations will be entitled to avail financial assistance through their respective bodies. In such cases, the individual beneficiary will receive financial assistance only through the respective organizations with in the overall ceiling of 5 ha per beneficiary.
- VII. Beneficiaries/Institutions that have taken land on lease are also eligible for obtaining financial assistance under the scheme. However, to become eligible, the beneficiary/institution shall have to produce lease agreement for a minimum period of seven years from the date of approval of application by the MI implementing agency.

Drip Irrigation System for North Eastern and Himalayan States: The coverage of MI system in North Eastern and hilly region is much low due to poor infrastructure and difficult terrain. The states namely Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura, Sikkim, Jammu & Kashmir, Himachal Pradesh and Uttarakhand are considered under category “C”. In the Hilly states, following points need to be kept in mind while designing a drip irrigation system keeping in view the sloppy and terraced land:

- It is difficult to lay PVC main and sub-main lines below the ground surface and therefore HDPE pipes are required in place of PVC.
- The undulating and vertical slopes would lead to comparatively larger length of pipes.
- To maintain uniform pressure and to irrigate upper most terrace of land, control valve should be provided at sub-main/main lines at 4m vertical drop. Accordingly, the number of flush valves will also increase.
- The cost of drip system is likely to be higher in North Eastern & Himalayan states because of the terrain, higher transport cost, lesser presence of manufacturing companies etc. Therefore, unit cost of micro irrigation systems is taken 25% higher in these states for the purpose of subsidy calculations.

Sprinkler Irrigation

- In sprinkler irrigation, water is discharged under pressure in the air through a set of nozzles attached to a network of High Density Poly Ethylene (HDPE) pipes, simulating the rainfall. Sprinkler irrigation systems are suitable for irrigating crops where the plant density is very high. It is widely used for cereals; pulses; seeds; spices; and field crops.
- Financial assistance would be restricted as per the cost of High Density Poly Ethylene (HDPE) pipes used in sprinkler irrigation systems, even though, the beneficiaries may use aluminium pipes as well. The sprinkler irrigation systems may be portable, mini sprinklers, micro sprinklers, semi-permanent sprinklers or large volume sprinkler systems (Rain-guns). Additional 25% and 15% on the indicated unit cost may be considered for calculation of subsidy for Hilly states.

In this regard, the Directorate of Agriculture, Meghalaya intends to approve multiple manufacturers or their authorized dealers of Micro irrigation System with proven track record and experience in supply and installation of Micro irrigation systems to supply and install Micro irrigation system in the Farmers’ Field in the State of Meghalaya under Pradhan Mantri Krishi Sinchayee Yojana – Per Drop More Crops (PMKSY – PDMC) w.e.f, 2021-22.

2. Scope of Work:

2.1 *Manufacturers or their authorized dealers of Micro irrigation System:*

- Subject to approval and award of contract, they will supply and install Micro irrigation system to be linked with Other Interventions (created under PMKSY-PDMC in earlier years or to be created during the current year/succeeding years).
- They will provide free after sales service to the beneficiary for a period of at least three years from the date of installation of the system. If they fail to provide free after sales service, action as appropriate similar to other consumer products may be initiated.
- The approval of manufacturers *or* their authorized dealers under the scheme will be for a period of 5 years. The approval will, however, be subject to satisfactory performance by the company. In case of violations, penalty provisions have been specified in the guidelines (2021). Repeated failures will lead to de-registration of the company with approval of SLSC.

2.2 *District Horticulture Officers/District Agriculture Officers:*

- Identify suitable farming clusters for taking up the Scheme in accordance with the technical and agronomical requirements of the crops in tandem with the Executive Engineers, Water Resources Department.
- Assess and evaluate the capacity of farmers and farming clusters to contribute to the Scheme as per conditions and requirements of the scheme guidelines and to shortlist such farmers/clusters.
- Facilitate the approved suppliers in the discharge of their obligations.
- Facilitate and assist SPs in the training and capacity building of the producer clusters in consonance with the guidelines of the Scheme.
- Keep track of the progress of the scheme and generate regular progress reports.

2.3 : *Farmers:*

- Provide facilities and labour for land and site development.
- Provide land, production labor, manure, etc.
- Provide for the continued maintenance of the MI system.
- Undertake to work in close coordination with the Suppliers and Departmental officers.
- Contribute his/her share of the Scheme (45 % of the cost of the MI System)

3. ELIGIBILITY CRITERIA:

- i. Bidder should be a Manufacturer/Authorized Dealer/ Agent and conform to BIS standards with supporting documents
- ii. The bidder should have the Certificate of Incorporation/ Registration of the Firm.
- iii. In case of a Bidder who is other than a tribal resident as defined in United Khasi-Jaintia Hills District (Trading by Non-Tribal) Regulation, 1954 or in similar legislation enacted by the Garo Hills Autonomous District Council, and carry on wholesale or retail trade from an area to which above regulation extends, attested copy of trading license issued by the concerned competent authority of the KHADC/ GHADC/ JHADC should be submitted at the time of submission of the Bids. Moreover, if a non-tribal bidder intends to do business in the entire State of Meghalaya, then he/she needs to enclose Trading License obtained from all three Autonomous District Councils covering their respective jurisdiction for supply of MI Systems. However, if any Bidder does not possess the said Trading license, No-Objection Certificate issued by the concerned competent authority of the KHADC/ GHADC/ JHADC should be submitted prior to signing of Agreement, if approved and awarded a contract.
- iv. The Bidder having experience of Supply and Installation of Micro Irrigation system in the Northeastern region and Hilly states particularly in Meghalaya shall be given preference.

4. FEES:

- i. Court fee stamp: ₹ 200.00
- ii. Earnest Money Deposit (Refundable): ₹1, 00,000.00 (1 % of ₹ 9.6 Crore (approx.), which is the total value of supply).
- iii. Performance security: Successful Bidder, if awarded Supply Order should submit performance of 10% of supply order. The performance Security will be liable to be forfeited if the "successful tenders withdraws or amend impairs or derogates from the tender in any respect. The Performance Security may be released only after expiry of given period provided the materials are delivered with full satisfaction.

5. TERMS AND CONDITIONS:

- i. Only BIS marked system/components conforming to minimum BIS standards/specification mentioned at Annexure-XIV of guidelines can be supplied under the scheme. Approval of a vendor will be only for the products for which he has submitted the specification, valid BIS certificates and price.
- ii. After sales service should be provided by the manufacturer/authorized distributor, free of cost for at least a period of three years. The company shall repair or replace any components/instruments of the MI system free of cost within warranty period, if they are found to have manufacturing defects or workmanship defects.

- iii. The manufacturer/authorized distributor must provide guarantee of quality assurance of other components which are not manufactured by them.
- iv. In case the manufacturer/authorized distributor intends to supply imported components, it should obtain prior approval of DAC&FW subject to indigenize the manufacturing of component within a period of two years. In case of imported equipment, the techno- economic analysis report will be provided by NCPAH after proper examination and verification and submit report to DAC&FW for consideration.
- v. MI manufacturing company brochure and samples of Drip/Sprinkler irrigation system to be submitted.
- vi. Rates of MI System and spare parts/items as indicated in the Bills of Quantity (BOQ) inclusive of all taxes, other charges, etc. F.O.R. Destination should be quoted clearly. Any overwriting should be clearly initialed by Bidder (s) with date.
- vii. Approved firms will install and commission the MI system to the satisfaction of the beneficiaries and obtain certificate towards successful installation/commission duly verified by DHO with photographic evidence .Payment will be subject to fulfilling this condition by the firm.
- viii. Necessary orientation and training is to be given to the beneficiary on the system maintenance and irrigating the crop with Drip/Sprinkle Irrigation.
- ix. The authority has the right to disengage the approval of the firm if found that the product supplied by the firm is not as per IS standard and specification or its IS certification gets invalid. The firm shall have to submit the renewed IS certificate to the authority as and when the certificate gets invalid during the period of empanelment.
- x. If at any point of time it is noticed that the manufacturer has supplied same component at a lower price in the open market during the period of this empanelment, the authority shall take suitable appropriate course of action against the empanelled system manufacturer.
- xi. 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.
- xii. Sub-contracting installation of MI System to associate dealer/distributor/other vendors not allowed. Approval of Defaulters will be cancelled by authority.
- xiii. The Department does not bestow Bidder the right for supply of the total requirement of Drip/ sprinkler Irrigation System.
- xiv. No advance payment will be made on the supply of Drip/ Sprinkler Irrigation System.
- xv. The Department reserves the right to accept or reject any tenders without assigning any reason thereof and is not bound to **accept the lowest rate.**

6. SCHEDULE OF RFP

Sl. No	Event	Details/ Target Date
1	Purpose of RFP	Approval for supply and installation of Micro irrigation System
2	EMD Amount	₹1,00,000.00 in the form of Demand Draft on a Public Sector Bank but not from Gramin/Cooperative Bank in favour of the Director of Agriculture, PMKSY, Meghalaya
3	Cost of Bid Documents	₹ 500 in the form of Demand Draft on a Public Sector Bank but not from Gramin/Cooperative Bank in favour of the Director of Agriculture, PMKSY, Meghalaya
	Last date for submission of bids	On or Before 12 Noon on 3 rd March, 2022.
4	Date of Technical Bid Opening	3 rd March, 2022 at 2:00 PM
5	Date of Financial Bid opening	To be announced
6	Validity of Bid	90 days from last date of bid submission
7	Notification of Award	To be announced after declaration of Approval
8	Address for downloading the Bid Documents	http://megagriculture.gov.in
9	Address for Submission of Bids	The Director of Agriculture (Room No. 110) Government of Meghalaya Lower Cleve Colony Laitumkhrach Shillong – 793003 Meghalaya 0364-2222460 (o) Email – http://megagriculture.gov.in

- 7. Language of RFP:** The RFP shall be written in English Language. English version of the RFP shall govern its interpretation. All correspondences and other documents pertaining to the RFP, which are exchanged between the parties, shall be written in the English Language.

8. Corrigendum:

- i. Should the Director of Agriculture, Meghalaya deem it necessary to amend the RFP Document as a result of a clarification, it shall do so by uploading the corrigendum/clarification in the website. At any time prior to the deadline for submission of the RFP, the Director of Agriculture, Meghalaya may amend the RFP Document by issuing corrigenda.
- ii. In order to provide prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Director of Agriculture, Meghalaya may, at his/her discretion, extend the last date for the receipt of RFPs.
- iii. Any corrigendum issued shall be part of the RFP Document and shall be communicated in writing to all who have obtained the RFP Document directly from the Director of Agriculture, Meghalaya.

9. Cost of preparation of RFP:

The bidder shall bear all costs associated with the preparation and submission of its RFP and Director of Agriculture, Meghalaya shall not be responsible or liable for those costs, regardless of the conduct or outcome of the RFP process.

10. Area of Work:

Anywhere within the 11 Districts of Meghalaya

11. Payment Terms:

- i. No advance payment shall be made to the contract awardees.
- ii. Payment of the subsidy portion shall be made by the Director of Agriculture, Meghalaya/District Agriculture officer/District Horticulture Officer on satisfactory supply and installation of MI System. Farmers' contribution for the MI system shall be facilitated by Director of Agriculture, Meghalaya/District Agriculture officer/District Horticulture Officer

12. Modification and Withdrawal of Proposals:

No proposal may be withdrawn in the interval between the deadline for submission of proposals and the expiration of the validity period specified by the bidder on the proposal form. Entire EMD may be forfeited if any of the bidders withdraw their bid during the validity period.

13. The Bidding Process:

The bidding process shall comprise of the following stages:

- i. Technical Bid
- ii. Financial Bid

14. Cost of Bid Document:

The non-refundable cost of the Bid document is ₹ 500 in the form of Demand Draft on a Public Sector Bank but not from Gramin/Cooperative Bank in favour of the Director of Agriculture, PMKSY, Meghalaya and the same should be invariably submitted in a separate envelope at the time of submission of Bid Documents. Any quotation submitted without the Cost of Bid document would be summarily rejected.

15. Earnest Money:

Earnest Money amounting to ₹ 1,00,000.00 in the form of Demand Draft on a Public Sector Bank but not from Gramin/Cooperative Bank in favour of the Director of Agriculture, PMKSY, Meghalaya is to be deposited. Unsuccessful bidder's Earnest Money will be discharged/ returned as soon as possible. The successful Bidder's Earnest Money will be discharged upon the Bidder signing the Contract and deposition of Bank Guarantee/Performance security.

16. Period of Validity of Bids:

Bids shall remain valid for 90 (Ninety) days after the deadline for submission of bids.

A bid valid for a shorter period shall be rejected as non-responsive.

17. Submission of Bids:

The Bidders shall seal the Bids in two separate envelopes and mark them as **"Technical Bid"** and **"Financial Bid"** respectively. This must be clearly mentioned in bold letters on top of the envelope. Both the sealed envelopes should be put into an outer envelope, sealed and super-scribed with **"Request for Proposal for "Supply and Installation of Micro irrigation System under Pradhan Mantri Krishi Sinchayee Yojana – Per Drop More Crop (PMKSY – PDMC)"**. The bottom Left corner of all the envelopes should carry the full name, address, telephone nos., e-mail ID etc. of the company submitting the Proposal.

18. Technical Bid: Should be submitted as per Annexure – I.

19. Financial Bid: Should be submitted as per Annexure – II.

20. Evaluation Process:

- i. The Directorate of Agriculture, Meghalaya will open the Technical Bids and prepare the Comparative Statement along with recommendation for placing before the Departmental Tender Committee/Purchase Board.
- ii. The Financial/price bids of only the eligible bidders who are shortlisted by the Departmental Tender Committee/Purchase Board shall be opened by the Directorate of Agriculture, Meghalaya in presence of such parties, as may desire to be present.
- iii. The Directorate of Agriculture, Meghalaya will submit the authenticated Comparative Statement of Financial/Price Bids along with recommendation to the Departmental Tender Committee/Purchase Board for consideration and decision.


**Director of Agriculture,
Meghalaya, Shillong.**

ANNEXURE – I

“Technical Bid”

Supply and installation of Micro Irrigation System under PMKSY-PDMC

1. Name of the Micro Irrigation Company/authorized dealers with address and contact no. along with Name, Phone, Email of the Authorized Person:
2. Company Registration Certificate (enclosed): Yes/No
3. Factory License (enclosed): Yes/No
4. Valid GST registration with up to date returns- (Relevant documents enclosed): Yes/No
5. Company's Permanent Account No. (PAN) Card (Self attested photo copy enclosed): Yes/No
6. Upto date Professional tax Certificate, if applicable (Self attested photo copy enclosed enclosed): Yes/No
7. Upto date Income Tax returns, if applicable (Self attested photo copy enclosed enclosed): Yes/No
8. Financial Stability Certificate from any recognized Bank or 1st Class Magistrate (enclosed): Yes/No
9. BIS Certificate of the components manufactured by the Company with validity dates (enclosed): Yes/No
10. Audited Account Statement from CA for the last 3 years (2018-19, 2019-20 and 2020-21) (enclosed): Yes/No
11. Guarantee on quality assurance of other components not manufactured by the company on company letterhead (enclosed): Yes/No
12. Assurance for providing 3 years After Sales Service on Company/ authorized dealer Letterhead (enclosed): Yes/No
13. Name and address of Service Centers /Office in Meghalaya or nearest to Meghalaya (enclosed): Yes/No
14. Letters / Documents of Registration/Approval/Empanelment in other States (enclosed): Yes/No
15. Self-attested Certificate that the Company is not black listed as well as no legal proceeding of the company is pending (enclosed): Yes/No
16. Court fee stamp: ₹ 200.00 submitted: Yes/No
17. Earnest Money Deposit (Refundable): ₹ 1,00,000.00 in the form of Demand Draft on a Public Sector Bank but not from Gramin /Cooperative Bank in favour of the Director of Agriculture, PMKSY, Meghalaya (Submitted): Yes/No
18. Cost of Bid Documents: ₹ 500 in the form of Demand Draft on a Public Sector Bank but not from Gramin /Cooperative Bank in favour of the Director of Agriculture, PMKSY, Meghalaya (Submitted): Yes/No
19. If the Bidder is a person other than a tribal resident as defined in United Khasi-Jaintia Hills District (Trading by Non-Tribal) Regulation, 1954 or in similar legislation enacted by the Garo Hills Autonomous District Council, and carry on wholesale or retail trade from an area to which above regulation extends, self-attested copy of trading license issued by the concerned competent authority of the KHADC/ GHADC/ JHADC should be submitted at the time of submission of the Bids. However, if any Bidder does not possess the said Trading license, No-Objection Certificate issued by the concerned competent authority of the KHADC/ GHADC/ JHADC should be submitted prior to signing of Agreement, if approved and awarded a contract. (Relevant Documents submitted or assurance on Company/ authorized dealer Letterhead that No-Objection Certificate issued by the concerned competent authority of the KHADC/ GHADC/

JHADC would be submitted prior to signing of Agreement, if approved and awarded a contract): ***Submitted/Not submitted/NOC to be submitted prior to signing of Agreement, if approved and awarded a contract*** (Tick the appropriate one)

20. In case of Scheduled Tribe entities, self attested copy of Schedule Tribe Certificate issued by competent authority should submitted.(Enclosed): Yes/No

**Authorized Signatory of the Company/authorized dealer
(With Seal)**

ANNEXURE- II
"FINANCIAL BID"
Supply and installation of Micro Irrigation System under PMKSY-PDMC

Name of the Micro Irrigation Company/authorized dealers with address and contact no. along with Name, Phone, Email of the Authorized Person:

Quotation of rates: The rates should be quoted as per the unit cost for NEH States mentioned at Table 3, 4, 5, 6 and 7 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and which should include all the components mentioned in the **Indicative Bill of Quantities(BOQ)** under **Annexure -IV h to n, Annexure-V, VI, VII, VIII and IX** (copies enclosed) of the aforesaid guidelines for the following MI System with specifications. Rates quoted should be inclusive of taxes applicable and F.O.R. Destination.

SYSTEM WITH SPECIFICATION:

1. Drip Irrigation System

i. Area: 0.2Ha

Sl No.	Spacing (m × m)	Rate F.O.R destination		Remarks
		In figure	In words	
		Rupees	Rupees	
1	(12 × 12)			Quoted rates are as per unit cost for NEH States mentioned at Table 3 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities (BOQ) under Annexure -IV h (copy enclosed) of the aforesaid guidelines
2	(10 × 10)			
3	(9 × 9)			
4	(8 × 8)			
5	(6 × 6)			
6	(5 × 5)			
7	(4 × 4)			
8	(3 × 3)			
9	(2.5 × 2.5)			
10	(2 × 2)			
11	(1.5 × 1.5)			
12	(2.5 × 0.6)			
13	(1.8 × 0.6)			
14	(1.2 × 0.6)			
15	Lower spacing			

N.B: In case of crops with plant spacing other than those mentioned in above table the amount of assistance could be calculated on pro-rata/average basis of the nearest plant area (Row to row × plant to plant spacing in metres) similar to example given in 8.5 of Operational Guidelines of PMKSY-PDMC 2021.

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

ii. Area: 0.4 Ha

Sl No.	Spacing (m × m)	Rate F.O.R destination		Remarks
		In figure	In words	
		Rupees	Rupees	
1	(12 × 12)			Quoted rates are as per unit cost for NEH States mentioned at Table 3 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities(BOQ) under Annexure -IV i (copy enclosed) of the aforesaid guidelines
2	(10 × 10)			
3	(9 × 9)			
4	(8 × 8)			
5	(6 × 6)			
6	(5 × 5)			
7	(4 × 4)			
8	(3 × 3)			
9	(2.5 × 2.5)			
10	(2 × 2)			
11	(1.5 × 1.5)			
12	(2.5 × 0.6)			
13	(1.8 × 0.6)			
14	(1.2 × 0.6)			
15	Lower spacing			

N.B: In case of crops with plant spacing other than those mentioned in above table the amount of assistance could be calculated on pro-rata/average basis of the nearest plant area (Row to row × plant to plant spacing in metres) similar to example given in 8.5 of Operational Guidelines of PMKSY-PDMC 2021.

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iii. Area:1.0 Ha

Sl No.	Spacing (m × m)	Rate F.O.R destination		Remarks
		In figure	In words	
		Rupees	Rupees	
1	(12 × 12)			Quoted rates are as per unit cost for NEH States mentioned at Table 3 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities(BOQ) under Annexure –IV j (copy enclosed) of the aforesaid guidelines
2	(10 × 10)			
3	(9 × 9)			
4	(8 × 8)			
5	(6 × 6)			
6	(5 × 5)			
7	(4 × 4)			
8	(3 × 3)			
9	(2.5 × 2.5)			
10	(2 × 2)			
11	(1.5 × 1.5)			
12	(2.5 × 0.6)			
13	(1.8 × 0.6)			
14	(1.2 × 0.6)			
15	Lower spacing			

N.B: In case of crops with plant spacing other than those mentioned in above table the amount of assistance could be calculated on pro-rata/average basis of the nearest plant area (Row to row × plant to plant spacing in metres) similar to example given in 8.5 of Operational Guidelines of PMKSY-PDMC 2021.

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iv. Area: 2.0 Ha

Sl No.	Spacing (m × m)	Rate F.O.R destination		Remarks
		In figure	In words	
		Rupees	Rupees	
1	(12 × 12)			Quoted rates are as per unit cost for NEH States mentioned at Table 3 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities(BOQ) under Annexure –IV k (copy enclosed) of the aforesaid guidelines
2	(10 × 10)			
3	(9 × 9)			
4	(8 × 8)			
5	(6 × 6)			
6	(5 × 5)			
7	(4 × 4)			
8	(3 × 3)			
9	(2.5 × 2.5)			
10	(2 × 2)			
11	(1.5 × 1.5)			
12	(2.5 × 0.6)			
13	(1.8 × 0.6)			
14	(1.2 × 0.6)			
15	Lower spacing			

N.B: In case of crops with plant spacing other than those mentioned in above table the amount of assistance could be calculated on pro-rata/average basis of the nearest plant area (Row to row × plant to plant spacing in metres) similar to example given in 8.5 of Operational Guidelines of PMKSY-PDMC 2021.

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v. Area:3.0 Ha

Sl No.	Spacing (m × m)	Rate F.O.R destination		Remarks
		In figure	In words	
		Rupees	Rupees	
1	(12 × 12)			Quoted rates are as per unit cost for NEH States mentioned at Table 3 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities(BOQ) under Annexure –IV 1 (copy enclosed) of the aforesaid guidelines
2	(10 × 10)			
3	(9 × 9)			
4	(8 × 8)			
5	(6 × 6)			
6	(5 × 5)			
7	(4 × 4)			
8	(3 × 3)			
9	(2.5 × 2.5)			
10	(2 × 2)			
11	(1.5 × 1.5)			
12	(2.5 × 0.6)			
13	(1.8 × 0.6)			
14	(1.2 × 0.6)			
15	Lower spacing			

N.B: In case of crops with plant spacing other than those mentioned in above table the amount of assistance could be calculated on pro-rata/average basis of the nearest plant area (Row to row × plant to plant spacing in metres) similar to example given in 8.5 of Operational Guidelines of PMKSY-PDMC 2021.

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vi. Area:4.0 Ha

Sl No.	Spacing (m × m)	Rate F.O.R destination		Remarks
		In figure	In words	
		Rupees	Rupees	Quoted rates are as per unit cost for NEH States mentioned at Table 3 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities(BOQ) under Annexure –IV m (copy enclosed) of the aforesaid guidelines
1	(12 × 12)			
2	(10 × 10)			
3	(9 × 9)			
4	(8 × 8)			
5	(6 × 6)			
6	(5 × 5)			
7	(4 × 4)			
8	(3 × 3)			
9	(2.5 × 2.5)			
10	(2 × 2)			
11	(1.5 × 1.5)			
12	(2.5 × 0.6)			
13	(1.8 × 0.6)			
14	(1.2 × 0.6)			
15	Lower spacing			

N.B: In case of crops with plant spacing other than those mentioned in above table the amount of assistance could be calculated on pro-rata/average basis of the nearest plant area (Row to row × plant to plant spacing in metres) similar to example given in 8.5 of Operational Guidelines of PMKSY-PDMC 2021.

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vii. Area:5.0 Ha

Sl No.	Spacing (m × m)	Rate F.O.R destination		Remarks
		In figure	In words	
		Rupees	Rupees	
1	(12 × 12)			Quoted rates are as per unit cost for NEH States mentioned at Table 3 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities(BOQ) under Annexure –IV n (copy enclosed) of the aforesaid guidelines
2	(10 × 10)			
3	(9 × 9)			
4	(8 × 8)			
5	(6 × 6)			
6	(5 × 5)			
7	(4 × 4)			
8	(3 × 3)			
9	(2.5 × 2.5)			
10	(2 × 2)			
11	(1.5 × 1.5)			
12	(2.5 × 0.6)			
13	(1.8 × 0.6)			
14	(1.2 × 0.6)			
15	Lower spacing			

N.B: In case of crops with plant spacing other than those mentioned in above table the amount of assistance could be calculated on pro-rata/average basis of the nearest plant area (Row to row × plant to plant spacing in metres) similar to example given in 8.5 of Operational Guidelines of PMKSY-PDMC 2021.

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2. Portable Sprinkler Irrigation System:

Sl No.	Area	Pipe Diameter (mm)	Rate F.O.R destination		Remarks
			In figure	In words	
1	Upto 0.4 Ha	63			Quoted rates are as per unit cost for NEH States mentioned at Table 4 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities (BOQ) under Annexure –V (copy enclosed) of the aforesaid guidelines
2	Upto 1 Ha	i) 63			
		ii)75			
3	Upto 2 Ha	i) 63			
		ii)75			
4	Upto 3 Ha	90			
5	Upto 4 Ha	90			
6	Upto 5 Ha	90			

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3. Micro Sprinkler Irrigation System:

Sl No.	Area (Ha)	Spacing (m × m)	Rate F.O.R destination		Remarks
			In figure	In words	
1	0.4	i) 5×5			Quoted rates are as per unit cost for NEH States mentioned at Table 5 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities (BOQ) under Annexure –VI (copy enclosed) of the aforesaid guidelines
		ii) 3×3			
2	1.0	i) 5×5			
		ii) 3×3			
3	2.0	i) 5×5			
		ii) 3×3			
4	3.0	i) 5×5			
		ii) 3×3			
5	4.0	i) 5×5			
		ii) 3×3			
6	5.0	i) 5×5			
		ii) 3×3			

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4. Mini Sprinkler Irrigation System:

Sl No.	Area (Ha)	Spacing (m × m)	Rate F.O.R destination		Remarks
			In figure	In words	
1	0.4	i) 10×10			Quoted rates are as per unit cost for NEH States mentioned at Table 6 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities (BOQ) under Annexure –VII (copy enclosed) of the aforesaid guidelines
		ii) 8×8			
2	1.0	i) 10×10			
		ii) 8×8			
3	2.0	i) 10×10			
		ii) 8×8			
4	3.0	i) 10×10			
		ii) 8×8			
5	4.0	i) 10×10			
		ii) 8×8			
6	5.0	i) 10×10			
		ii) 8×8			

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5. Large Volume Sprinklers (Rain-gun):

SI No.	Area	Pipe Diameter (mm)	Rate F.O.R destination		Remarks
			In figure	In words	
1	1 Ha	i) 63			Quoted rates are as per unit cost for NEH States mentioned at Table 7 of the Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2021 (Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi) and include all the components mentioned in the Indicative Bill of Quantities (BOQ) under Annexure –VIII (copy enclosed) of the aforesaid guidelines
		ii)75			
2	2 Ha	75			
3	Upto 3 Ha	90			
4	Upto 4 Ha	90			
5	Upto 5 Ha	90			

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OPTIONAL COMPONENTS:

1. **Sand filter with backwash assembly IS 14606** as per Indicative Price of Optional Components under Annexure – XI (copy enclosed) of the operational Guidelines PMKSY-PDMC 2021.
2. **Hydro Cyclone Filter IS 14743** as per Indicative Price of Optional Components under Annexure – XI (copy enclosed) of the operational Guidelines PMKSY-PDMC 2021.
3. **Fertilizer Tank with Assembly IS 14483 – Part-III** as per Indicative Price of Optional Components under Annexure – XI (copy enclosed) of the operational Guidelines PMKSY-PDMC 2021.
4. **Winder** as per Indicative Price of Optional Components under Annexure – XI (copy enclosed) of the operational Guidelines PMKSY-PDMC 2021.

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UNDERTAKING

It is hereby declared that :

- i) All the prices mentioned in our Financial Bid are in accordance with the terms as specified in the RFP documents.
- ii) All the prices and other terms and conditions of this Bid are valid for a period of 90 calendar days from the date of opening of the Bid.
- iii) We hereby confirm that our prices include all taxes.
- iv) We understand that the actual payment would be made as per the existing indirect tax rates during the time of payment. We hereby declare that in case the contract is awarded to us, we shall submit the Performance Security, as required under this RFP.
- v) Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal.
- vi) We understand Directorate of Agriculture, Meghalaya is not bound to accept any Proposal they receive.
- vii) We hereby declare that our RFP is made in good faith, without collusion or fraud and the information contained in the Tender is true and correct to the best of our knowledge and belief.
- viii) We understand that our RFP is binding on us and that you are not bound to accept a RFP you receive.

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

ANNEXURE-III

ACCEPTANCE LETTER

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

Acceptance of RFP No.

Sir/Madam

1. I/We have have carefully gone through the Detailed RFP mentioned thereon and hereby certify that I/We have clearly understood the Terms and Conditions of the RFP.
2. I/We hereby declare that the rates quoted against each Micro irrigation system is inclusive of all applicable taxes and F.O.R Destinations.
3. My/Our RFP for approval have been offered taking due consideration of all factors and if the same is accepted, I/We promise to abide by all stipulated Terms and Conditions/Clauses contained in the RFP document and supply/execute the contract to the full satisfaction of the Department.
4. I/We also declare that the signature on each page of the RFP documents have been signed by Me/Us.
5. I/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.
6. That I/We declare that no bribe has been paid by Me/Us to any officer of the Directorate of Agriculture, Meghalaya for approving this RFP and also will not do so at the time of execution of work allotted or at the time of payment of Bills. Furthermore, if any officer/staff of the Directorate of Agriculture, Meghalaya asks for Bribe/Gratification, I/We will immediately report to the appropriate authority in the Directorate of Agriculture, Meghalaya.

Yours faithfully,

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

COVER LETTER

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

To,

The Director of Agriculture,
Meghalaya, Shillong.

Subject : *Submission of Request for Proposal (RFP) for Supply and Installation of Micro irrigation System under Pradhan Mantri Krishi Sinchayee Yojana – Per Drop More Crops (PMKSY – PDMC).*

Reference: Advertisement No.

Sir/Madam,

In inviting a reference to the letter no on the subject quoted above, I have the honour to submit herewith the **Request for Proposal (RFP) for Supply and Installation of Micro irrigation System under Pradhan Mantri Krishi Sinchayee Yojana – Per Drop More Crops (PMKSY – PDMC)** along with relevant documents mentioned below for favour of your kind consideration:

1. Technical Bid as per Annexure-I.
2. Financial Bid as per Annexure – II.
3. Acceptance letter as per Annexure-III.
4. Demand Draft of INR 500/- (Non-refundable) in favour of the Director of Agriculture, PMKSY, Meghalaya for the downloaded RFP documents.

Yours faithfully,

Encl: As stated.

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

Affix court Fee Stamp (₹ 200.00)