



DEPARTMENT OF AGRICULTURE
Government of Sikkim
Krishi Bhawan, Tadong, Gangtok

No. 194/PDMC/RKVY/AGRI/26-27

Dated - 15/07/2026

NOTICE INVITING EXPRESSION OF INTEREST (EoI) FOR IMPLEMENTATION OF MICRO IRRIGATION SYSTEMS UNDER THE "PER DROP MORE CROP" SCHEME IN THE STATE OF SIKKIM, 2026-27.

Expression of Interest (EoI) is invited from reputed Companies manufacturing Micro Irrigation equipments which are registered under the Sikkim Micro Irrigation Committee (SMIC) for supply and installation of Micro Irrigation Systems in the farmers' fields under the "Per Drop More Crop" (PDMC) Scheme in Sikkim State.

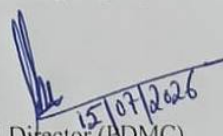
The Companies are required to submit their Bids as detailed in the table below. The EoI does not constitute an offer and is issued with no commitment. Agriculture Department reserves the right to modify, scrap, refloat or cancel the EoI at any stage without assigning any reasons. Response received after the stipulated time period or not in accordance with the specified format will not be considered.

Interested Micro Irrigation Companies may download the Bid document from www.agri.sikkim.gov.in and will have to attach a Demand Draft of INR 5000/- (non-refundable) while submitting their bid as specified in the Bid document. Agriculture Department will not be responsible for any postal delays.

SCHEDULE OF BIDDING PROCESS: The following schedule will be adhered to:

1	Sale of Bid Document starts on:	16.07.2026	11:00 am
2	Last date for sale of Bid Document	21.07.2026	4:00 pm
3	Date & Time for submission of EoI	01.08.2026	Till 1:00 pm
4	Date & Time of Bid Opening	01.08.2026	3:00 pm
5	Addressing for downloading the Bid Form & Documents	www.agri.sikkim.gov.in	
6	Cost of Bid Form	Rs.5000/- only through Demand Draft in favour of Additional Director (Accounts), Agriculture Department. This amount is non-refundable.	
7	Earnest money	Rs.60,00,000/- (Rupees Sixty Lakh) only through Demand Draft in favour of Additional Director (Accounts), Agriculture Department. This amount is refundable.	
8	Letter of Award	Within 07 days of signing of Agreement.	
9	Validity of Bid	90 days from last date of Bid submission.	

Agriculture Department reserves the right to reject any offer without assigning any reason, thereof.


Additional Director (PDMC)
Department of Agriculture
Government of Sikkim
Additional Director (PDMC)
Department of Agriculture
Government of Sikkim
Krishi Bhawan, Gangtok

EXPRESSION OF INTEREST
FOR
IMPLEMENTATION OF MICRO IRRIGATION SYSTEM IN THE STATE OF SIKKIM

Financial Year: 2026-27



AGRICULTURE DEPARTMENT

GOVERNMENT OF SIKKIM

DATE: 14/07/2026

DISCLAIMER

The information contained in this Expression of Interest (EoI) subsequently provided to Bidders, whether verbally or in documentary or any other form by or on behalf of the AGRICULTURE DEPARTMENT, GOVERNMENT OF SIKKIM or any of their employees or advisors, is provided to Bidders on the terms & conditions set out in this EoI & such other terms & condition subject to which such information is provided.

This Expression of Interest (hereafter referred to as EoI) is not an agreement & is neither an offer nor invitation by the AGRICULTURE DEPARTMENT, GOVERNMENT OF SIKKIM to the prospective bidders or any other person or individual or firm. The purpose of this EoI is to provide interested bidders with information that may be useful to them in making their Bids/Proposals pursuant to this EoI. The assumptions, assessments, statements & information contained in this EoI may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigation & analysis & should check the accuracy, adequacy, correctness, reliability & completeness of the assumptions, assessments, statements & information contained in this EoI & obtain independent advice from appropriate sources.

The AGRICULTURE DEPARTMENT, GOVERNMENT OF SIKKIM its employees & advisors make no representation or warranty & 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 EoI or otherwise including the accuracy, adequacy, correctness, completeness or reliability of the EoI & information contained therein or deemed to form a part of this EoI or arising in any way for participation in the Bidding Process.

The AGRICULTURE DEPARTMENT, GOVERNMENT OF SIKKIM 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 EoI. The AGRICULTURE DEPARTMENT, GOVERNMENT OF SIKKIM 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 EoI.

The Bidder shall bear all its costs associated with or relating to the preparation & submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstration or presentation which may be required by the AGRICULTURE DEPARTMENT, GOVERNMENT OF SIKKIM or any other costs incurred in connection with or relating to its bid. All such costs & expenses will remain with the Bidder. Either the issue of this EoI or its submission by the Bidder does not vest any right in the Bidder for being selected for the award of the work.

The AGRICULTURE DEPARTMENT, GOVERNMENT OF SIKKIM reserves the right to reject all or any of the Bids without assigning any reason whatsoever.

CHAPTER 1: INTRODUCTION

1.1 INTRODUCTION:

Per Drop More Crop (PDMC) component under the Pradhan Mantri Rashtriya Krishi Vikas Yojana (PM-RKVY) is a flagship program of the Government of India which focusses on the integrated development of water resources with an objective of expanding the access of water to each farm. Per Drop More Crop (PDMC) Component have two sub-components, namely:

- A) Micro Irrigation (M.I).
- B) Other Interventions (O.I.)

Both the sub- components shall be implemented by the Agriculture Department.

1.2 THE CONCEPT & OBJECTIVES:

The main objectives of the Per Drop More Crop (PDMC) are as under:

- a. Increase the area under Micro Irrigation technologies in agriculture to enhance water use efficiency.
- b. Increase productivity of crops and income of farmers through precision water management.
- c. Promote micro irrigation technologies in water intensive/consuming crops like sugarcane, banana, cotton, paddy etc. and give adequate focus to extend coverage of field crops under micro irrigation technologies.
- d. Make potential use of micro irrigation systems for promoting Fertigation.
- e. Promote micro irrigation technologies in water scarce, water stressed and critical ground water Blocks/Districts.
- f. Link tube-well/river-lift irrigation projects with micro irrigation technologies for best use of energy both for lifting and pressurized irrigation as far as possible.
- g. Establish convergence and synergy with activities of on-going programme and schemes, particularly with created water source for its potential use, integration of solar energy for pressurized irrigation etc.
- h. Promote, develop and disseminate micro irrigation technology for agriculture and horticulture development with modern scientific knowledge.
- i. Support the initiatives of reuse of waste water in Agriculture/Peri-urban Horticulture through micro irrigation systems.
- j. Create employment opportunities for skilled and unskilled persons, especially unemployed youth for installation and maintenance of micro irrigation systems.

1.3 SPECIFICATIONS:

Under Micro Irrigation (M.I) there are two systems of water application in the farmer's field. They are Drip irrigation and Sprinkler irrigation system of water application. The funding pattern of the scheme is 55% subsidy and 45% is farmer's share. The subsidy portion is shared in 90:10 (Centre:State) pattern. The bidder may extend the services to the beneficiary farmers pertaining to 45% farmers' share directly obtaining orders and payment from interested farmers.

Under **Drip irrigation**, two types of specifications are implemented in the farmer's fields which are:

a. Drip Irrigation in Green Houses/protected cultivation in closed spaced crops (crop spacing 1.5 m x 1.5 m, unit area of 0.40 hectare, Unit indicative cost for subsidy portion is Rs.32309/- plus 5% GST). Bill of Quantities pertaining to 55% subsidy portion is furnished at Appendix-I.

b. Drip Irrigation in Orchards/ open field in wide spaced crops (crop spacing 3.0 m x 3.0 m, unit area of 0.40 hectare, Unit indicative cost for subsidy portion is Rs.18006/- plus 5% GST). Bill of Quantities pertaining to 55% subsidy portion is furnished at Appendix-II.

Under **Sprinkler irrigation**, three types of specifications are implemented in the farmer's fields which are:

a. Micro Sprinkler Irrigation in Agricultural and Horticultural crops (crop spacing 3.0 m x 3.0 m, unit area of 0.40 hectare, Unit indicative cost for subsidy portion is Rs.26306/- plus 5% GST). Bill of Quantities pertaining to 55% subsidy portion is furnished at Appendix-III.

b. Mini Sprinkler Irrigation in Agricultural and Horticultural crops (crop spacing 8.0 m x 8.0 m, unit area of 0.40 hectare, Unit indicative cost for subsidy portion is Rs.32675.50/- plus 5% GST). Bill of Quantities pertaining to 55% subsidy portion is furnished at Appendix-I Bill of Quantities pertaining to 55% subsidy portion is furnished at Appendix-IV.

c. Mini Sprinkler Irrigation in Horticultural crop, Cardamom field (crop spacing 8.0 x 8.0 m, unit area of 1.0 hectare, Unit cost for subsidy portion is Rs.71413/- plus 5% GST). Bill of Quantities pertaining to 55% subsidy portion is furnished at Appendix-V.

1.4 LOCATION:

The scheme is to be implemented through DBT (Direct Benefit Transfer) system throughout the state within the clusters of PDMC.

CHAPTER 2: INSTRUCTIONS TO BIDDERS

2.1 General Instructions :

- (i) The intending bidder can obtain Bid documents from the office of Additional Director (PDMC), Agriculture Department on production of non-refundable Demand draft of Rs.5000/-(Rupees Five Thousand) only drawn in favour of Additional Director (Accounts), Agriculture Department or can be downloaded from the website.
- (ii) The Bidder is expected to examine all instructions, forms, and terms and conditions. Failure to furnish all information required by the Bid document or submission of a bid not substantially responsive to the Bid Document in every respect will be at the Bidder's risk and is likely to result in out-right rejection of the bid.

- (iii) An Evaluation Committee in presence of bidders who choose to attend will open the EoI on the date and time indicated above.
- (iv) If the envelopes are not sealed and marked as instructed, the Authority assumes no responsibility for the misplacement or premature opening of the contents of the application and consequent losses, if any, suffered by the Applicant.
- (v) Failure to provide information which is essential to justify the applicants meeting the requirements or to provide timely clarification or substantiation of the information supply may result in disqualification of the applicant.

2.2 Terms and conditions:

- a. The implementation includes both supply and installation of Micro Irrigation systems.
- b. Micro Irrigation system manufacturing companies empaneled under GoI and registered under the Sikkim Micro Irrigation Committee (SMIC) are only eligible to submit the EoI.
- c. Only BIS marked system/components can be supplied under the scheme.
- d. Companies 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 it fails to provide free after sales service, action as appropriate similar to other consumer product may be initiated.
- e. The companies will install the system and commission it to the satisfaction of the beneficiary and obtain a certificate towards successful installation/ commissioning of the system.
- f. Necessary orientation and training are to be given to the beneficiary on the system maintenance and irrigating the crop with Drip/Sprinkler irrigation.
- g. The companies must provide guarantee of quality assurance of other components which are not manufactured by them.
- h. The “Expression of Interest” in sealed envelope in the prescribed format should reach the office of the Additional Director, Agriculture Department, Krishi Bhawan, Tadong, Gangtok on or before the designated time and date and shall be evaluated by the Evaluating committee in presence of authorized representatives of the company/Agency who choose to attend.

2.3 Clarification on Tender :

A prospective bidder requiring any clarification of the Tender Documents may contact Additional Director, Agriculture department in writing. No verbal enquiry shall be entertained.

(i) Address for communication:

Additional Director (PDMC)
Agriculture Department,
Room No.301,
Krishi Bhawan,
Tadong-737102

(ii) Address for Submission of Bids:

Additional Director (PDMC),
Agriculture Department,
Room No. 301,
Krishi Bhawan,
Tadong-737102

(iii) Address for opening of Bids:

Conference hall,
Krishi Bhavan,
Tadong, Gangtok.

2.4 Eligibility Criteria for Bidders :

To be eligible for qualification and short-listing, an applicant shall fulfill the following conditions of eligibility:

- (i) The bidder should be a Micro Irrigation system manufacturing Company empaneled under GoI and registered under the Sikkim Micro Irrigation Committee (SMIC).
- (ii) The bidder should have the Certificate of Incorporation/ Registration of the Firm.
- (iii) The bidder should have a valid Trade License issued by the Government.
- (iv) The Bidder must have valid GST registration, a copy of which should be enclosed.
- (v) The Bidder shall produce “No Debarment Certificate” in the letter head of the Company at the time of submission of the EoI as per format enclosed at Appendix 7.
- (vi) The Bidder having experience of Supply and Installation of Micro Irrigation system in the Northeastern and Hilly states shall be given preference.

2.4.1 SCHEDULE OF BIDDING PROCESS:

The following schedule will be adhered to:

1	Sale of Bid Document starts on:	16.07.2026	10:00 am
2	Last date for sale of Bid Document	21.07.2026	4:00 pm
3	Date & Time for submission of EoI	01.08.2026	Till 1:00 pm
4	Date & Time of Bid Opening	01.08.2026	3:00 pm
5	Addressing for downloading the Bid Form & Documents	www.agri.sikkim.gov.in	
6	Cost of Bid Form	Rs.5000/- only through Demand Draft in favour of Additional Director (Accounts), Agriculture Department. This amount is non-refundable.	
7	Earnest money	Rs.60,00,000/- (Rupees Sixty Lakh) only through Demand Draft in favour of Additional Director (Accounts), Agriculture Department. This amount is refundable.	
8	Letter of Award	Within 07 days of signing of Agreement.	
9	Validity of Bid	90 days from last date of Bid submission.	

Agriculture Department reserves the right to reject any offer without assigning any reason, thereof.

2.5 Language of Expression of Interest (EoI) :

The EoI should be written in English language. English version of EoI shall govern its interpretation.

2.6 The Bidding Process :

The bidding process shall comprise of the following stages:

1. Technical Bid
2. Financial Bid

2.7 Cost of Bid Document :

The non-refundable cost of the Bid document is Rs. 5000/-(Rupees Five Thousand) only, and should be in the form of Demand Draft addressed to Additional Director (Accounts), Agriculture department. The Bidder downloading the Bid Document should invariably submit the cost of the Bid documents form dated within the Document Sale end date in a separate envelope at the time of submission of quotation Document. Any quotation submitted without the Cost of Bid document would be summarily rejected.

2.8 Earnest Money :

2.8.1 An Earnest money to the tune of Rs.60,00,000.00 (Rupees Sixty Lakh) only in INR is to be deposited in favor of Additional Director (Accounts), Agriculture Department, Government of Sikkim in the form of Demand Draft from any Nationalized banks, scheduled Banks or State Bank of Sikkim.

Unsuccessful bidder's Earnest Money will be discharged/ returned as soon as possible and not later than 30 days after the opening of bid.

The successful Bidder's Earnest Money will be discharged upon the Bidder signing the Contract and deposition of Bank Guarantee.

2.9 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.

2.10 Submission of Bids :

The Bidders shall seal the Bids in two envelopes and mark them as "Technical Bid" and "Financial Bid". This must be clearly mentioned in bold letters on top of the envelope.

Both the sealed envelopes should be put into an outer envelope and sealed. The Bidders shall submit the bid in a sealed envelope super-scribed with "**EXPRESSION OF INTEREST**", - **IMPLEMENTATION OF MICRO IRRIGATION SYSTE UNDER THE 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.

2.10.1 Technical Bid Documents:

The Technical bid documents shall contain the following:

- (i) A covering letter of the bidders with their name and address.

- (ii) Details of the organization of the Bidder and a short note on the strategy about how it proposes to implement the scheme agreeing to the term of conditions prescribed by the guidelines of PDMC-Micro irrigation.
- (iii) The Technical Bid should be in accordance with the indicative BoQ furnished vide Appendix-I to Appendix-V
- (iv) A Declaration by the Bidder that they will follow the indicative BoQ as indicated in the appendix and will not deviate.
- (v) A Declaration by the Bidder that the Bidder or its sister concern has not been blacklisted by any Government or Public Sector Organization in India.
- (vi) Audited financial statement for last two years.
- (vii) PAN number (attach copy of PAN Card).
- (viii) GST Registration No. (Attach evidence copy of GST registration certificate).
- (ix) Registration certificate of the company (attach copy)
- (x) Cost of tender document as specified in Clause 2.7 of the Bid Document inside an envelope marked “Cost of tender form”
- (xi) Bid Security in the form as specified in Clause 2.8.1 of the Bid Document inside an envelope marked “Bid Security”.

2.10.2 Financial Bid :

The financial bid should contain financial proposal submission letter to be submitted in prescribed format at Appendix- “VI”

2.11 Deadline for Submission of Bids :

Bids must be received by no later than the time and date specified in the Bid document. In the event of the specified date for the submission of Bids being declared a holiday for Sikkim, the Bids will be received up to the appointed time on the next working day.

The Agriculture department may at its discretion, extend this deadline for submission of bids by amending the bid documents.

2.12 Late Bids:

Any bid received after the deadline for submission of bids prescribed by the Procurer will be rejected and/or returned unopened to the Bidder.

2.13 Right to Accept or reject any or all Applications/Bids :

Notwithstanding anything contained in this Bid Document, the Agriculture Department reserves the right to accept or reject any Application/Bid and to annul the Bidding Process and reject all Applications/ Bids, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons therefore. In the event that the Agriculture Department rejects or annuls all the Bids, it may, in its discretion, invite all eligible Bidders to submit fresh Bids hereunder.

2.14 Corrigendum :

Should the Agriculture Department deem it necessary to amend the EoI Document as a result of a clarification, it shall do so by uploading the corrigendum/clarification in the website.

In order to provide prospective bidders reasonable time to take the amendment into account in preparing the bids, the Department may at its discretion, extend the last date for the receipt of EoI.

2.15 Opening of EoI:

The Evaluation Committee shall conduct the opening of EoI in the presence of the Bidders or their representatives who choose to attend at the address, date & time specified in the EoI Document.

Preliminary scrutiny of the documents will be made to determine whether all the required documents are in order. If any Bidder's pre-bid documents are not in order, it will be liable for cancellation.

2.16 Evaluation of Bids :

- (i) The proposal will be evaluated by a Committee constituted for this purpose by Agriculture Department.
- (ii) The decision of the Evaluation Committee in the evaluation of the Financial Bids shall be final.
- (iii) The Evaluation Committee shall evaluate the bids to determine whether the bids are in compliance to the conditions/criteria prescribed in the guidelines. Those bids which do not meet all the criteria mentioned in these documents shall be rejected.
- (iv) The Financial Bids will be opened for further processing.
- (v) The decision of the Evaluation Committee on the selection of winning Bidder will be final & binding to all bidders.

2.17 Final Selection :

Selection of the bidder will be based on the financial evaluation. The proposal having bid in confirmation with the Indicative Cost and the Bill of Quantities prescribed by the guidelines of Micro Irrigation will be declared as successful bidder and will be considered eligible for award.

Any effort by a bidder to influence the evaluating committee in the proposed evaluation or contract award decision may result in rejection of the proposal.

In case of any exigencies, the Agriculture Department, Government of Sikkim may award the work to two or more bidders in proportion as deemed fit at the rate quoted by the lowest bidder.

2.18 Security Deposit:

2.18.1 An Earnest money to the tune of Rs.60,00,000.00 (Rupees Sixty Lakh) only in INR is to be deposited in favour of Additional Director (Accounts), Agriculture Department, Government of Sikkim in the form of Demand Draft from any Nationalized Banks, scheduled Banks or State Bank of Sikkim.

2.18.2 The Agriculture Department will notify the successful bidder that its bid has been accepted. The successful bidder is required to accept the same and furnish Security Deposit in the form of Performance Bank Guarantee equivalent to 10% (Ten Percent) of the work value within a

period of 15 days for issue of LoA, from any Nationalized Banks, scheduled Banks or State Bank of Sikkim.

This Security Deposits will be retained with the Department and will be returned after successful completion of the work without interest.

Failure of the successful bidder to comply with the requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Agriculture Department may award the work to the next lowest bidder or bidder on the merit or call for new bids.

2.19. Changes & Withdrawal of Proposals :

(i) Entire bid security may be forfeited if any of the bidders withdraw their bids during the validity period.

(ii) The Evaluation Committee/Department of Agriculture may terminate the EoI process without assigning any reason.

(iii) The Evaluation Committee/Department of Agriculture reserves the right to negotiate with the bidder whose proposal has been ranked FIRST by the competent authority on the basis of the best value of the project.

2.20 Termination of Contract :

The Agriculture Department may without prejudice to any other remedy for breach of contract, by written notice of default sent to the bidder, terminate the Agreement of the Bidder.

(i) If the bidder has been engaged in fraudulent & corrupt practices with malafide intentions in competing for or execution of the Contract.

(ii) The Authority may at any point of time terminate the Agreement by giving 30 days written notice to the bidder if the bidder becomes bankrupt or insolvent.

3.0 Ownership of information:

The ownership of all the information generated will at all time rest with Agriculture department and the bidders will have no proprietary or other rights in respect of the same.

4.0 Force de Majeure:

Neither party will be liable in respect of failure to fulfill its obligations, if the said failure is entirely due to Acts of God, Governmental restrictions or instructions, natural calamities or catastrophe, epidemics, or disturbances in the country. ***Force de Majeure*** shall not include (i) any event which is caused by the negligence or intentional action of a Party or by or of such Party's agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected both to take into account at the time of being assigned the work and avoid or overcome with utmost persistent effort in the carrying out of its obligations hereunder.

A Party affected by an event of ***Force de Majeure*** shall immediately notify the other Party of such event, providing sufficient and satisfactory evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.

5.0 Conflict of Interest :

Participation of Bidder(s) with a conflict-of-interest situation will result in disqualification of the concerned bidders. Furthermore, the Evaluation Committee (EC) reserves the right to debar/bar bidders from all further process of empanelment.

6.0 Arbitration:

A joint Committee comprising of Secretary, Agriculture Department, Government of Sikkim and CEO of the company will discuss disputes and resolve them amicably in the best interests of the scheme through consensus. In case, they are not able to reach a consensus, then the procedure laid down under the Indian Arbitration Act will be followed for resolving the disputes.

The arbitration shall be conducted in English language and the venue of the arbitration shall be in Gangtok. The sole arbitrator will be appointed by Agriculture Department and the decision of the sole arbitrator in this regard will be final and binding.

7.0 Jurisdictions:

The sole jurisdiction over any matters arising in connection with any action or proceeding arising out of or in relation to this bid documents/EOI any subsequent contract shall be with the courts of Gangtok only.

8.0 Penalty Clauses:

In case of violations in respect of failure in quality control and quality assurance and to provide maintenance and after sales services and any other deviations, following penalties in accordance with the guidelines of PDMC, Micro Irrigation shall be imposed.

- a.** First time in a year, a warning letter may be issued to the manufacturer instructing to rectify the shortcoming immediately.
- b.** Second time in the same year, a warning letter may be issued to the manufacturer instructing to rectify the shortcoming immediately with a penalty of 10% of invoice value.
- c.** Third time in the same year, a penalty of 25% of invoice value may be charged.
- d.** Fourth time in a same year, a show cause notice may be issued to the company and the case may be refer to SLSC for de-listing the company for a period of one year or more as decided by the SLSC.

**BILL OF QUANTITY (BOQ) FOR 55% SUBSIDY PORTION –
DRIP IRRIGATION SYSTEM WITH CROP SPACING OF 1.5M X 1.5M
(GREEN HOUSE/PROTECTED CONDITION)**

Sl.No.	Component	Unit	Quantity
1	HDPE Pipe 16mm (ISI specification-4984/2016/working pressure of 12.5kg/cm ² PE-80)	100 m Coil	01 Coil
2	HDPE Pipe 50mm, Class II,6kg/cm ² (conforming to IS 4984 or IS 14151)	Meter	60
3	Lateral 12mm,Class II,2.5kg/cm ² (conforming to IS 12786)	Meter	1000
4	Emitter 2/4/8 lph (conforming to IS 13487)	No.	800
5	Control Valve 50mm	NO.	03
6	Flush Valve 50mm	No.	01
7	Screen Filter 10 Cum/hr.	No.	01
8	Fitting & Accessories.	Job	5%

**BILL OF QUANTITY (BOQ) FOR 55% SUBSIDY PORTION –
DRIP IRRIGATION SYSTEM WITH CROP SPACING OF 3M X 3M
(OPEN CONDITION)**

Sl.No.	Component	Unit	Quantity
1	HDPE Pipe 16mm (ISI specification-4984/2016/working pressure of 12.5kg/cm ² PE-80)	100 m Coil	01 Coil
2	HDPE Pipe 50mm, Class II, 6kg/ cm ² (conforming to IS 4984 or IS 14151)	Meter	35
3	Lateral 12mm, Class II, 2.5kg/ cm ² (conforming to IS 12786)	Meter	360
4	Emitter 2/4/8 lph (conforming to IS 13487)	No.	300
5	Control Valve 50mm	No.	03
6	Flush Valve 50mm	No.	01
7	Screen Filter 10 Cum/hr.	No.	01
8	Fitting & Accessories	Job	5%

**BILL OF QUANTITY (BOQ) FOR 55% SUBSIDY PORTION –
MICRO SPRINKLER SYSTEM WITH CROP SPACING OF 3M X 3M
(For Leafy Vegetables, Large Cardamom Nurseries and few other Vegetables).**

Sl.No.	Component	Unit	Quantity
1	HDPE Pipe 16mm (ISI specification-4984/2016/working pressure of 12.5kg/cm ² PE-80)	100 m Coil	01
2	HDPE Pipe 50mm, Class II, 6kg/ cm ² (conforming to IS 4984 or IS 14151)	Meter	30
3	Lateral 12mm, Class II, 2.5kg/ cm ² (conforming to IS 12786)	Meter	270
4	Micro Sprinkler Set	No.	50
5	Control Valve 50mm	No.	01
6	Flush Valve 63 mm	No.	01
7	Screen Filter 15 Cum/hr.	No.	01
8	0.5 HP Single Phase Electric Motor (conforming to the latest ISI Standard)	No.	01
9	Air Release Valve 1"	No.	01
10	By-Pass Assembly 2" X 1.5"	No.	01
11	Fitting & Accessories	Job	5%

**BILL OF QUANTITY (BOQ) FOR 55% SUBSIDY PORTION–
MINI SPRINKLER SYSTEM WITH CROP SPACING OF 8M X 8M**

(For close growing crops like Potato, Ginger, Onion, Mustard, Barley and Buckwheat)

Sl.No.	Component	Unit	Quantity
1	HDPE Pipe 16mm (ISI specification-4984/2016/working pressure of 12.5kg/cm ² PE-80)	100 m Coil	01
2	HDPE Pipe 50mm, Class II, 6kg/ cm ² (conforming to IS 4984 or IS 14151)	Meter	20
3	Lateral 32 mm, Class II, 4kg/ cm ² (conforming to IS 12786)	Meter	150
4	Mini Sprinkler Set	No.	15
5	MS Riser Rod 8 mm and Assembly	No.	15
6	Control Valve 50 mm	No.	01
7	Flush Valve 50 mm	No.	01
8	Screen Filter 15 Cum/hr.	No.	01
9	0.5 HP Single Phase Electric Motor (conforming to the latest ISI Standard)	No.	01
10	Air Release Valve 1"	No.	01
11	By-Pass Assembly 2" X 1.5"	No.	01
12	Fitting & Accessories	Job	5%

**BILL OF QUANTITY (BOQ) FOR 55% SUBSIDY PORTION –
MINI SPRINKLER SYSTEM WITH CROP SPACING OF 8M X 8M
(Especially for Large Cardamom field)**

Sl.No.	Component	Unit	Quantity
1	HDPE Pipe 16mm (ISI specification-4984/2016/working pressure of 12.5kg/cm ² PE-80)	100 m Coil	01
2	HDPE Pipe 50mm, Class II, 6kg/ cm ² (conforming to IS 4984 or IS 14151)	Meter	40
3	Lateral 32 mm, Class II, 4kg/ cm ² (conforming to IS 12786)	Meter	400
4	Mini Sprinkler Set	No.	50
5	MS Riser Rod 8 mm and Assembly	No.	50
6	Control Valve 50 mm	No.	05
7	Flush Valve 50 mm	No.	01
8	Screen Filter 15 Cum/hr.	No.	01
9	0.5 HP Single Phase Electric Motor (conforming to the latest ISI Standard)	No.	01
10	Air Release Valve 1"	No.	01
11	By-Pass Assembly 2" X 1.5"	No.	01
12	Fitting & Accessories	Job	5%

BID FORM

To

The Additional Director (PDMC)

Agriculture Department,

Government of Sikkim,

Krishi Bhavan

Tadong, Sikkim -737102

Subject: Submission of Expression of Interest for Implementation (Supply and Installation) of Micro Irrigation System in Sikkim.

Sir,

This is in reference to your Expression of Interest vide no:..... dated regarding the **Implementation (Supply and Installation) of Micro Irrigation System in Sikkim under the Per Drop More Crop (PDMC) component of the Pradhan Mantri Rashtriya Krishi Vikas Yojana (PM-RKVY) for the financial year, 2026-27..**

Our bid for the same is as under for different specifications: -

S.No.	Item Description	Per unit rate in figure to be entered by the bidder in INR	Total GST amount in INR	Total amount per unit with taxes in INR	Total amount per unit in words
1.	Drip Irrigation in Green Houses/protected cultivation in closed spaced crops (spacing 1.5 x 1.5 m, unit area of 0.40 hectare), Appendix I				
2.	Drip Irrigation in Orchards/ open field in wide spaced crops (spacing 3.0 x 3.0 m, unit area of 0.40 hectare), Appendix II				
3.	Micro Sprinkler Irrigation in Agriculture and Horticulture crops (spacing 3.0 x 3.0 m, unit area of 0.40 hectare), Appendix III				
4.	Mini Sprinkler Irrigation in Agriculture and Horticulture crops (spacing 8.0 x 8.0 m, unit area of 0.40 hectare), Appendix IV				
5.	Mini Sprinkler Irrigation in Horticulture crop, Cardamom field (spacing 8.0 x 8.0 m, unit area of 1.0 hectare), Appendix V				

The validity of our bid is for days. (Minimum 90 days)

. We understand you are not bound to accept any Proposal you receive.

Yours Sincerely,

Signature:

Name & Designation of the authorized Signatory:

Name/ Address of Firm:

NO DEBARMENT CERTIFICATE
(On the letterhead of the organization)

This is to certify that(name of organization), having registered office at(address of the registered office, as on date of submission of the financial bid, has not been debarred by any Government organization/PSU/bi-lateral or multilateral/UN agency from implementing Micro Irrigation and similar other schemes.

Signature with name of the authorized signatory:

Designation:

Seal of the organization: