

GOVERNMENT OF MIZORAM
DIRECTORATE OF HORTICULTURE
AIZAWL : MIZORAM

TENDER NOTICE

No.B.13015/9(B)/2022-DTE (HORT-RKVY-PDMC): Sealed tender is hereby invited by Horticulture Department, Govt. of Mizoram, from the Manufacturer/ Authorized Dealer/ Agent for Supply and Installation of Drip & Sprinkler Irrigation Systems under RKVY-PDMC, 2023-2024. Last date for submission of tender is fixed on dt. **7.02.2024** upto **1:00 pm** and will be opened on the same day at **1:30 pm** at the Committee Room, Directorate of Horticulture, Aizawl.


The sealed tender should be dropped in the tender box placed in the PA room of Director of Horticulture at Directorate of Horticulture, Aizawl. Details can be obtained from the PMKSY Section, Directorate of Horticulture, Aizawl during Office hours on all working days and the same may be seen and downloaded from the Department website www.horticulture.mizoram.gov.in.

Sd/-C.H.LALMUANPUIA
Director of Horticulture
Aizawl : Mizoram

Memo No.B.13015/9(B)/2022-DTE (HORT-RKVY-PDMC) : Dated Aizawl, the 10th Jan, 2024

Copy to:-

1. P.S to the Hon'ble Minister, Horticulture Department for favour of kind information and necessary action.
2. Sr. PA to Commissioner & Secretary, Horticulture Department for favour of kind information and necessary action.
3. Director, I&PR, Mizoram, Aizawl for information with a request to publish the Tender Notice in 3 (three) Local Daily Newspapers viz. Vanglaini, Aizawl Post, etc. for 3 (three) consecutive days. He is requested to refer the bills to the Director of Horticulture, Govt. of Mizoram for payment after duly certified.
4. Website Manager, Directorate of Horticulture for information with a request to publish in Department website.
5. Notice Board.
6. Guard File.


(C.H.LALMUANPUIA)
Director of Horticulture
Aizawl : Mizoram

Proforma for Submission of Quotation

To,

The Director
Horticulture Department,
Mizoram, Aizawl.

Subj: Submission of quotation against Tender No.

Dated

Sir,

I/We have carefully examined and read the Notice Inviting TENDER, TENDER documents and all other documents attached regarding TENDER No. dated I/We hereby express my/ our interest for Supply and Installation of Drip & Sprinkler Irrigation systems f.o.r destination under the scheme Micro Irrigation under RKVY - PDMC (2023-2024) according to the terms and conditions mentioned therein.

I/We enclose herewith Earnest Money Deposit of (Amount) in the form from (Name of Bank) in your favour.

I/We certify that I/We have carefully read each and every terms and condition and Technical Specifications given in this TENDER Documents and understood the same, and I/We confirm our acceptance of the same.

I/We further certify that I have suppressed no fact in the TENDER which could debar me to participate into the TENDER. If it is revealed after opening of the tender that any fact is suppressed by me, tendering authority shall have the right to reject my TENDER.

I/We hereby also declare that I am not blacklisted by any Department / Agency of Central or State regarding quality compromise or any other reason in connection with similar work and there is no ongoing litigation with any Department / Agency of Central / State Government as on closing date of tender. If subsequently it is revealed after opening of TENDER / concerned agreement will be cancelled, deposited earnest / security money will be forfeited and other penalty to be decided by the TENDER authority will be imposed.

Dated:

Signature of Bidder:

Place:

Full Name of Bidder:

Seal:

**TERMS AND CONDITIONS FOR SUPPLY AND INSTALLATION OF DRIP &
SPRINKLER IRRIGATION UNDER RKVY-PDMC, 2023-2024**

1. Tender should be submitted in **Two Envelopes System** clearly mentioning Bidders Name and Address on both envelopes. Envelopes must be marked as "**Technical Bid**" or "**Financial Bid**" as the case may be. Then, both envelopes are to be put in sealed envelope superscripted as below:


**“Quotation for Supply & Installation of Drip and Sprinkler Irrigation under
RKVY-PDMC 2023-2024”**

2. The sealed quotation should be addressed to:
**Director of Horticulture
Mizoram, Aizawl.**
3. The firms/ tenderers should be authorized distributor/ dealer/ agent of the manufacturing company of Drip/Sprinkler Irrigation systems and spare parts tendered for and this should be supported by photocopy of valid certificates duly attested.
4. Technical specifications: The different units/parts/components under Drip and Sprinkler Irrigation System should conform to BIS standards and supporting documents should be enclosed.
5. Tender must be accompanied by manufacturing company brochure and samples of Drip/ Sprinkler Irrigation systems which should be submitted at the time of opening the tender.
6. The manufacturing company should have valid GST Provisional ID attested copy of which must be enclosed in the tender.
7. The authorised dealer should have valid GST Provisional ID attested copy of which must be enclosed in the tender.
8. Firm should have experience in the field of micro-irrigation particularly under the same topographical conditions of Mizoram. Experiences must be proved by relevant documents.
9. The First Envelope Technical Bid (Tender Form- I) should contain-
 - i. Tender Submission letter as per prescribed proforma
 - ii. Tender Form I
 - iii. Earnest money deposit (Demand Draft/ Banker's Cheque)
 - iv. Attested Manufacturing License Certificate/ Dealership Certificate
 - v. Company Brochure
 - vi. Attested copy of GST Provisional ID of Manufacturer and Authorised Dealer
GST Provisional ID
 - vii. Attested copy of latest valid GSTR-3B payment by tendering firm

- viii. Attested copy of audited balance sheet of FY2020-2021, 2021-2022 & 2022-2023
- ix. Experience Certificate
10. The Second Envelope should contain Financial Bid (Tender Form- II)
11. Technical Bid will be opened first and the Second Envelope (Financial Bid) will be opened only when Technical Bid is valid and accepted.
12. Latest GSTR- 3B certificate as proof of valid GSTIN
13. The fund available for Drip/ Sprinkler irrigation under the scheme Micro-Irrigation under RKVY-PDMC is Rs. 396.04 lakh approximate only.
14. Attested copy of audited balance sheet of FY 2020-2021, 2021-2022 & 2022-2023 showing average turnover of atleast Rs. 1.00 crore should be enclosed by the tenderer.
15. After sales service should be provided by the manufacturer/authorized distributor free of cost for at least a period of three years. The company/ dealers shall repair or replace any components/instruments of the Micro Irrigation system free of cost within warranty period, if they are found to have manufacturing defects or workmanship defects.
16. The "Technical Bid" should be accompanied by Earnest Money of 2.5% i.e., Rs. 9,90,100/- only being the approximate available fund for MI in the form of bank draft/ banker's cheque duly pledged in favour of Director of Horticulture, Government of Mizoram, Aizawl. Release of the same may be done as per rule by the Department after finalizing of tender.
17. Rates of Drip/ Sprinkler Irrigation systems 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 both in figures and words. Any overwriting should be clearly initialled by the quotationer(s) with date.
18. Successful tenderer, if awarded work/supply order must inform the Department of his/ her Bank details, i.e., Name of Account, Account Number, Name of Bank & Branch. IFSC Code and Contact Number and any other information deemed necessary by the Department.
19. Successful tenderer, if awarded work/ Supply Order should submit Performance Security of amount permissible as per rule. Exact amount shall be specified in the work/ supply order.
20. The Performance Security will be liable to be forfeited if the successful tenderers 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, installed as the case may be with full satisfaction.

21. The Department reserves the right to accept/ reject any tenders without assigning any reason thereof and is not bound to accept the lowest rate.
22. The Department does not bestow upon the successful quotationer the right for supply of the total requirement of Drip/ Sprinkler Irrigation System.
23. No advance payment will be made on the work/ supply of Drip/ Sprinkler Irrigation System.
24. Non Compliance of any of the Tender Terms and Conditions will summarily result in rejection of the tender.
25. Payment will be made only after receipt of materials in full and in good conditions and/ or after installation whatever the case may be, or submission of completion certificate/ Bill accompanied by tax clearance certificate duly certified by competent authority.
26. Any firm that has been awarded the tender shall not in any manner whatsoever handover or assign the work to any other sub-agency or third party without prior approval of Director of Horticulture Mizoram, Aizawl.
27. In the event that any dispute or differences arises between two or more bidding firms, the Department will have no involvement whatsoever. However, in case of dispute or differences by a firm (s) against the Department, the matter maybe allotted through mutual and amicable discussions. Only if such differences cannot be resolved through dialogue, the matter may then be resolved through the court of law of the State of Mizoram jurisdiction only.


(C.H. LALMUANPUIA)

 Director of Horticulture
Aizawl: Mizoram

TENDER FORM – I
“Technical Bid”

TENDER FOR SUPPLY AND INSTALLATION OF DRIP & SPRINKLER
IRRIGATION UNDER RKVY-PDMC, 2023-2024

1. Name of Tenderer :
2. Address of Tenderer :
3. Contact No. :
4. E-mail ID :
5. Name of Manufacturer :
6. Detail address of
Manufacturer :
7. Website of Manufacturer :
8. Local Agent / Office at Aizawl :
(for Tenderer from outside Mizoram only)
9. EMD in the form of Demand draft/ Banker’s Cheque : Yes/No
10. Amount of EMD enclosed : Rs
11. Authorization / Dealership Certificate from
Manufacturing Company (enclosed) : Yes/ No
12. Does different units/ parts/ components conform
to BIS standard : Yes/ No
13. Agreed to supply all the required materials as per
Bills of Quantity : Yes /No
14. Brochure of the company (enclosed) : Yes/ No

15. Manufacturer GST Provisional ID enclosed : Yes / No
16. Authorised dealer GST Provisional ID enclosed : Yes / No
17. Attested copy of latest GSTR-3B enclosed : Yes / No
18. Attested copy of audited balance sheet of FY
2020-2021, 2021-2022 & 2022-2023 : Yes / No
19. Warranty period of 36 (thirty six) months of any
manufacturing defects or workmanship defects : Accepted/ Not Accepted
20. Experience enclosed : Yes/ No
21. Sample : Yes/ No

Dated :.....

Signature

Seal.....

TENDER FORM – II
“Financial Bid”

TENDER FOR SUPPLY AND INSTALLATION OF DRIP & SPRINKLER
IRRIGATION UNDER RKVY-PDMC 2023-2024

1. Name & address of Tenderer :
2. Name & address of Manufacturers :
- from which Dealership is Awarded
3. Contact No. :
4. email Id :
5. Quotation of rates:

I. 1. Drip Irrigation system- Spacing 2m x 2m for 1.0 ha

Sl. No.	Spacing	Quoted rate of each items in the BoQ/ Ha f.o.r destination	
		In figure	In words
2.	2m x2m	Rs.	Rs.

Bill of Quantities

Sl. No.	Component Lateral to lateral x Dripper spacing (m x m)	Unit	Quantity/ha (2m x 2m)	Per unit Rate (Rs)	Total amount (Rs)
1	HDPE Pipe 50mm; 6kg/cm ²	m	172		
2	HDPE Pipe 63mm; 4g/cm ²	m	60		
3	Lateral 16mm Class II, 2.5kg/cm ²	m	5050		
4	Pressure Compensating Emitter 2/4/8 l ph	No.	5050		
5	Control Valve * 40 mm	No.	7		
6	Control Valve * 50 mm	No.	3		
7	Flush Valve 50 mm	No.	1		
8	Air Release Valve 1”	No.	1		
9	Non Return Valve 1.5”	No.	1		
10	Throttle Valve 1.5”	No.	1		
11	Screen Filter 10 m ³ /hr	No.	1		
12	By-pass Assembly-1.5”	No.	1		
13	Venturi & Manifold 1.5”	No.	1		
14	Fittings & Accessories	5%	5%		
TOTAL					

Signature of Tenderer

2. Drip Irrigation system- Spacing 4m x 4m for 1.0 ha

Sl.No	Spacing	Quoted rate of each items in the BoQ/ Ha f.o.r destination	
		In figure	In words
1.	4m x 4m	Rs.	Rs.

Bill of Quantities

Sl. No.	Component Lateral to lateral x Dripper spacing (m x m)	Unit	Quantity/ha (4m x 4m)	Per unit Rate (Rs)	Total Amount (Rs)
1	HDPE Pipe 50mm; 6kg/cm ²	m	172		
2	Lateral 12mm	m	2500		
3	Pressure Compensating Emitter 2/4/8 l ph	No.	1913		
4	Control Valve * 50 mm	No.	10		
5	Flush Valve 63 mm	No.	1		
6	Air Release Valve 1"	No.	1		
7	Non Return Valve 1.5"	No.	1		
8	Throttle Valve 1.5"	No.	1		
9	Screen Filter 10 m ³ /hr	No.	1		
10	By-pass Assembly-2"	No.	1		
11	Venturi& Manifold 2"	No.	1		
12	Fittings & Accessories	5%	5%		
TOTAL					

3. Drip Irrigation system - Spacing 1.2m x 0.6m for 1.0 ha

Sl. No.	Spacing	Quoted rate of each items in the BoQ/ Ha f.o.r destination	
		In figure	In words
1.	1.2m x 0.6m	Rs.	Rs.

Bill of Quantities

Sl. No.	Component Lateral to lateral x Dripper spacing (m x m)	Unit	Qty/Ha (1.2m x 0.6m)	Per unit Rate (Rs)	Total amount (Rs)
1	HDPE Pipe 63mm; 4g/cm ²	m	118		
2	HDPE Pipe 75mm; 4g/cm ²	m	62		
3	Lateral 16mm Class II, 2.5kg/cm ²	m	125		
4	Emitting Pipe 16mm Class II; (0.2-0.3 m x 1 to 2-4 lph) 30cm	m	8717		
5	Control Valve * 50 mm	No.	4		
6	Control Valve * 63mm	No.	1		
7	Control Valve * 75 mm	No.	1		
8	Flush Valve 50 mm	No.	4		
9	Flush Valve 63 mm	No.	1		
10	Air Release Valve 1"	No.	1		
11	Non Return Valve 1.5"	No.	1		
12	Throttle Valve 1.5"	No.	1		
13	Screen Filter 10 m ³ /hr	No.	1		
14	By-pass Assembly-1.5"	No.	1		
15	Venturi& Manifold 1.5"	No.	1		
16	Fittings & Accessories	5%	5%		
TOTAL					

Signature of Tenderer

4. Drip Irrigation system- Spacing 1.2m x 0.6m for 0.4 ha

Sl. No.	Spacing	Quoted rate of each items in the BoQ/ 0.4Ha f.o.r destination	
		In figure	In words
1	1.2m x 0.6m	Rs.....	Rs.

Bill of Quantities

Sl. No.	Component Lateral to lateral x Dripper spacing (m x m)	Unit	Quantity/0.4ha (1.2m x 0.6m)	Per unit Rate (Rs)	Total amount (Rs)
1	HDPE Pipe 50mm; 6 kg/cm ²	m	104		
2	Lateral 16mm Class II, 2.5kg/cm ²	m	79		
3	Emitting Pipe 16mm Class II; (0.2-0.3 m x 1 to 2-4 l ph) 30cm	m	3367		
4	Control Valve * 50 mm	No.	4		
5	Flush Valve 50 mm	No.	4		
6	Air Release Valve 1"	No.	1		
7	Non Return Valve 1.5"	No.	1		
8	Throttle Valve 1.5"	No.	1		
9	Screen Filter 10 m ³ /hr	No.	1		
10	By-pass Assembly-1.5"	No.	1		
11	Venturi& Manifold 1.5"	No.	1		
12	Fittings & Accessories	5%	5%		
TOTAL					

II. Sprinkler Irrigation System

1. Mini Sprinkler Irrigation Systems: Spacing 8m x 8m, Area: 1Ha.

Sl. No.	Spacing	Quoted rate of all items in the BOQ / Ha f.o.r destination	
		In figure	In words
1.	8m x 8m	Rs.....	Rs

Bill of Quantities

Sl. No.	Components/ Area (Ha)	Unit	8m x 8m Qty/Ha	Per unit Rate (Rs)	Total Amount (Rs)
1	PVC Pipe 75 mm, class II; 4 kg/cm ²	m	60		
2	PVC Pipe 63 mm, class II; 4 kg/cm ²	m	110		
3	32 mm LLDPE plain laterals, 4 kg/cm ² -Class II	m	1250		
4	Mini Sprinkler Head/ Nozzle	No.	156		
5	M S Riser Rod 8mm & assembly	No.	156		
6	Control Valve 75 mm	No.	1		
7	Control Valve 63 mm	No.	1		
8	Control Valve 32 mm	No.	24		
9	Flush Valve 75 mm	No.	1		
10	Air release Valve-1"	No.	1		
11	Non Return Valve – 2.5"	No.	1		
12	Throttle Valve-2.5"	No.	1		
13	Screen Filter 20/25 m ³ /hr	No.	1		
14	By-pass Assembly – 1.5" x 1.5"	No.	1		
15	Venturi& manifold – 2"	No.	1		
16	Fittings & Accessories @ 5%	5%	5%		
TOTAL					

Signature of Tenderer

2. Micro Sprinkler Irrigation Systems: Spacing 3m x 3m, Area: 1Ha.

Sl. No.	Spacing	Quoted rate of all items in the BOQ / Ha f.o.r destination	
		In figure	In words
1.	3m x 3m	Rs.....	Rs

Bill of Quantities

Sl. No.	Components/ Area (Ha)	Unit	3m x 3mQty/Ha	Per unit Rate (Rs)	Total Amount (Rs)
1	PVC Pipe 75 mm, class II; 4 kg/cm ²	m	54		
2	PVC Pipe 63 mm, class II; 4 kg/cm ²	m	102		
3	20 mm LLDPE plain laterals, 2.5 kg/cm ² - Class I	m	3350		
4	Micro Sprinkler Set	No.	1111		
5	Control Valve 75 mm	No.	1		
6	Control Valve 63 mm	No.	1		
7	Flush Valve 63 mm	No.	1		
8	Air release Valve-1"	No.	1		
9	Non Return Valve – 2"	No.	1		
10	Throttle Valve-2"	No.	1		
11	Screen Filter 30 m ³ /hr	No.	1		
12	By-pass Assembly – 2" x 1.5"	No.	1		
13	Venturi& manifold – 2"	No.	1		
14	Fittings & Accessories @ 5%	5%	5%		
TOTAL					

3. Micro Sprinkler Irrigation Systems: Spacing 3m x 3m, Area: 0.4Ha.

Sl. No.	Spacing	Quoted rate of all items in the BOQ / Ha f.o.r destination	
		In figure	In words
1.	3m x 3m	Rs.....	Rs

Bill of Quantities

Sl. No.	Components/ Area (Ha)	Unit	3m x 3mQty/Ha	Per unit Rate (Rs)	Total Amount (Rs)
1	PVC Pipe 75 mm, class II; 4 kg/cm ²	m	30		
2	PVC Pipe 63 mm, class II; 4 kg/cm ²	m	66		
3	Lateral 16mm, Class I; 2.5 kg/cm ²	m	1336		
4	Micro Sprinkler Set	No.	444		
5	Control Valve 75 mm	No.	1		
6	Control Valve 63 mm	No.	1		
7	Flush Valve 63 mm	No.	1		
8	Air release Valve-1"	No.	1		
9	Non Return Valve – 2"	No.	1		
10	Throttle Valve-2"	No.	1		
11	Screen Filter 20/25m ³ /hr	No.	1		
12	By-pass Assembly – 2" x 1.5"	No.	1		
13	Venturi& manifold – 2"	No.	1		
14	Fittings & Accessories @ 5%	5%	5%		
TOTAL					

Signature of Tenderer