



**GOVERNMENT OF KERALA**  
**AGRICULTURE DEVELOPMENT AND FARMERS WELFARE DEPARTMENT**

Directorate of Agriculture Development and Farmers Welfare  
Vikas Bhavan, Thiruvananthapuram – 695033  
Phone: 0471 – 2306748, 2304480, Fax : 0471- 2304230  
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No. TG II(1)35122/17/NS

**Dated : 04/12/2017**

**Expression of Interest (EOI) for selection & registration of Original System Manufactures (OSMs) for Micro Irrigation scheme implemented by State Horticulture Mission Kerala (SHM Kerala) on behalf of Government of Kerala in Kerala State.**

Department of Agriculture and Farmers Welfare Kerala desires to register Original System Manufactures (OSMs) for undertaking the installation of Micro Irrigation System (MIS) in Kerala state. Expression of interest is invited from OSMs experienced in the field of micro irrigation components manufacturing / supplying / installation for registration to approve the select list. The registration of manufactures / companies under the schemes will be for a period of 5 years. The selection criteria for this will be as per **Operational Guidelines of Per Drop More Crop (Micro Irrigation) Component of PMKSY 2017 issued by Government of India Ministry of Agriculture & Farmers Welfare, Department of Agriculture, Cooperation & Farmer Welfare Division of Rain-fed Farming System (RFS) Krishi havan, New Delhi**

Registered OSMs will supply MIS components of prescribed quality standards to registered MIS suppliers under SHM Kerala. The company must provide free after sales service to the farmers for three years from the date of installation of system. Moreover, they should set up service centres for providing technological support at the grass root level. OSMs will provide guarantee / warranty for the supplied components for the period of minimum 3 years to MIS suppliers. OSMs shall supply the MIS components to registered MIS suppliers and when purchase order raised by the registered MIS suppliers under the Micro Irrigation (MI) scheme. It is obligatory on the part of OSMs to generate the demand for components manufactured by them among registered MIS

suppliers and to participate in various promotional activities including farmers' meetings, participation in fairs/festivals by putting exhibition.

Objectives for implementation of MIS in the State, business module for implementation of MIS, scope of work of OSM, selection criteria for short listing & registration of OSMs, fees for assessment of manufacturing capability and quality assurance system by third party technical agency, registration fees, renewal registration fees, disclaimer, acceptance/ rejection of EOI, other terms & conditions, instruction on preparation of EOI, EOI fees, language & transmission arrangement etc. are detailed in the accompanying EOI document.

The tender for Expression of Interest is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own digital signature certificate (DSC) can participate in the tender. E-Tender document and other details can be obtained from the above e-portal.

**Document sale start date : 05/12/ 2017, 10.00AM**

**Last date & time of receipt of e-tender : 15/12/2017, 2.00 PM**

**Date & Time of opening of e- tender : 18/12/2017 , 2.30 PM**

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in>

For obtaining digital signature certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in/>

The price of the e-tender tender form shall be received only through DD along with EOI Document. However a scanned copy of the Demand Draft of Fee shall be uploaded with the EOI document.

The committee headed by the Director of Agriculture will scrutinize the tenders received to shortlist the eligible bidders.

The rules and regulations prescribed for e-tenders by the Government of Kerala shall be applicable to this e-tender also.

**Special conditions:**

The following documents are to be submitted with the EOI.

1. Company profile and experience.
2. Manufacturing capabilities of MIS components.
3. Details of experience and turn over in executing MIS components to registered MIS suppliers.
4. Other details to share with SHM Kerala, if any.
5. Scanned copy of DD of Rs 10000/- paid as DD

Additional information if any required can be had from the State Agricultural Engineer in the address mentioned below and Mission Director, State Horticulture Mission, Kerala, Thiruvananthapuram 695 034, Phone: 0471 2330856, 2330867, 2330857 (Fax).

The under signed has the right to amend or cancel any of the terms and conditions as per requirement and expert opinion before the date and time of opening and such amendments will only be posted on the e- tender website. The bidders are requested to browse the website on a daily basis for information on the EOI.

The undersigned has the power to cancel this EOI without assigning any reason thereof.

One set of hard copy of all tender documents should be submitted to the below address.

Any legal dispute that may arise in relation to the tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

Communications to be addressed to:

Directorate of Agriculture Development & Farmer,s Welfare Department

Vikas Bhavan P.O

Thiruvananthapuram

Pin code - 695033

Phone : 0471 – 2306748

Sd/-

**State Agricultural Engineer**

**EXPRESSION OF INTEREST**

**FOR**

**SELECTION & REGISTRATION OF  
SYSTEM MANUFACTURERS**

**FOR**

**MICRO IRRIGATION SCHEME IMPLEMENTED BY  
KERALA STATE HORTICULTURE MISSION  
ON BEHALF OF GOVERNMENT OF KERALA IN KERALA STATE**

Director of Agriculture Development & Farmer's Welfare Department  
Vikas Bhavan, Thiruvananthapuram, Kerala - 695033  
Ph : 0471 – 2306748, 0471- 2304480, 91-9447442490, 9400988557  
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## 1. Objectives for Implementation of Micro Irrigation Scheme (MIS)

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

- 1.1) Increase the area under Micro Irrigation technologies to enhance water use efficiency in the country.
- 1.2) Increase productivity of crops and income of farmers through precision water management.
- 1.3) Promote Micro Irrigation technologies in water intensive/consuming crops like sugarcane, banana, cotton etc and give adequate focus to extend coverage of field crops under Micro Irrigation technologies.
- 1.4) Make potential use of micro irrigation systems for promoting fertigation.
- 1.5) Promote Micro Irrigation technologies in water scarce, water stressed and critical ground water blocks /districts
- 1.6) 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.
- 1.7) Establish convergence and synergy with activities of ongoing programmes and schemes, particularly with created water source for its potential use, integration of solar energy for pressurized irrigation etc.
- 1.8) Promote, develop and disseminate micro Irrigation technology for Agriculture and horticulture development with modern scientific knowledge.
- 1.9) Create employment opportunities for skilled and unskilled persons, especially unemployed youth for installation and maintenance of Micro Irrigation systems.
- 1.10) To improve water use efficiency & thereby higher harvest of crop per unit of water.
- 1.11) To improve energy use efficiency in agriculture sector.
- 1.12) Training of farmers for scientific agriculture through better water management.

## 2. Agencies involved in implementing MIS:

- 2.1) Kerala State Horticulture Mission (SHM Kerala) - Implementing agency who implements the MI scheme on behalf of Government of Kerala in the State.
- 2.2) Beneficiaries—Applicant/farmer who is interested in installation of MIS on his/her farm having authorized water source for

- irrigation.
- 2.3) MIS Suppliers – who make survey, install Micro Irrigation System on beneficiary farmers' field and provides after sales services and agronomical advisory services to the farmers.
  - 2.4) Banks—who extends loan for installation of MI system to beneficiary farmers.
  - 2.5) Third Party Inspection Agency—who undertakes inspection of installations done by MI suppliers in the field and for inspection of manufacturing capabilities & quality assurance system by visiting their factory sites once in six months / once in year

### **3. Need for Registration of Original System Manufacturers (OSM):**

To maintain and to adhere to the prescribed quality standards of the ancillary MIS components, it is required to take all the Original System Manufacturers of ancillary MI component under the ambit of quality evaluation by the SHM KERALA approved technical inspection agencies. Such agencies will be required to get their product tested and their manufacturing capability will be assessed on regular interval as decided by SHM KERALA through SHM KERALA approved technical inspection agencies.

All the SHM KERALA registered MIS suppliers will be required to procure these ancillary MI Components (which are not manufactured by them) from SHM KERALA registered OSMs only.

### **4. Salient features of the scheme**

- 4.1) The registration of manufactures / companies under the scheme will be for a period of 5 years. The registration will be open round the year. The registration will, however, be subject to satisfactory performance by the company. In case of violations, penalty provisions have been specified in the guidelines. Repeated failures will lead to de-registration of the company with approval of SLSC.
- 4.2) Only BIS marked systems / components can be supplied under the scheme.
- 4.3) The company 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 products may be initiated.
- 4.4) In case the company intends to supply imported components, it shall obtain prior approval from Department of Agriculture, Cooperation & Farmer Welfare (DAC&FW), Ministry of Agriculture & Farmers Welfare (MoA&FW), New Delhi subject to indigenization of manufacturing of the component within the country in a period of two years.

## 5. Beneficiaries

- 5.1) 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 end of projected life of the Micro Irrigation system which is 7 years.
- 5.2) In case of Cooperative / group farming, members of cooperative societies, self help groups, incorporated companies, Panchayat raj institutions, NGO's 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.
- 5.3) Beneficiaries / Institutions that have opted for contract farming or 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.



## 6. Role of Original System Manufacturers (OSM):

- 6.1) To supply ancillary MIS components viz laterals, emitting devices, coupled HDPE/ PVC/ PE pipes, sprinkler nozzles etc. as below. For other ancillary items such as disc filters, screen filters, hydrocyclone filters, sand filters, all types of control valves (ball valves), pressure gauge, ventury injector assembly the MIS components supplies should ensure the guarantee as that of the other MIS components manufactured by OEMs.
- 6.2) To keep sufficient stock and timely supply of ancillary MI components so as to avoid shortage of these products to cater the need of the farmers through MIS Suppliers.
- 6.3) In the case of drip irrigation, company must manufacture at least laterals and emitting devices as specified conforming to BIS standards. For online drip irrigation systems, the company should be manufacture lateral tubing as well as drippers as per BIS and for inline drip irrigation systems, the company should be a manufacturer of in line emitting pipe.
- 6.4) In the case of portable sprinkler irrigation system, the company should manufacture coupled HDPE pipes or sprinklers and should possess respective BIS.
- 6.5) In the case of other sprinkler irrigation systems viz. mini, micro, .1semi-permanent sprinkler systems the company should manufacture either of HDPE/PVC/PE pipes / nozzles and should possess respective BIS.
- 6.6) In the case of large volume sprinkler Irrigation system (rain gun sprinklers) the company should manufacture HDPE pipes or nozzle and should possess respective BIS.

## 7. Business Module for implementation of MIS in Kerala State

The detailed Business Module for the implementation of the Micro Irrigation Scheme is attached as **Annexure – 1**.

## 8. Scope of work of Original System Manufacturers (OSM)

- 8.1) Registered OSM will supply Micro Irrigation System Components of prescribed quality standards (as per clause no. 4) to registered MIS Suppliers of SHM KERALA.

- 8.2) The company must provide free after sales service to the farmers for three years from the date of installation of system. Moreover, they should set up service centres for providing technological support at the grass root level.
- 8.3) OSM will provide guarantee / warranty for the supplied components for the period of minimum 3 years to MIS Suppliers.
- 8.4) OSM shall supply the MIS components to registered MIS suppliers as and when purchase order raised by the registered MIS suppliers under the MI scheme.
- 8.5) It is obligatory on the part of OSMs to generate the demand for components manufactured by them among registered MIS suppliers and to participate in various promotional activities including farmers' meetings, participation in fairs/festivals by putting exhibition.

## **9. Selection criteria for short listing & registration of Original System Manufacturers (OSM)**

- 9.1) Registration of Micro Irrigation system manufactures shall be done with the approval of State Level Sanctioning Committee (SLSC) for a period of five years. The registration will be open round the year and a company can apply at any time. Only those manufacturing companies, which have all the facilities to ensure supply of quality product as per BIS standards and can provide prompt after sales services will be registered. The registration will be subject to the satisfactory performance of the company as assessed by the State implementing agency and repeated failure will lead to the de-registration by SLSC.
- 9.2) The companies willing to participate in the scheme should be manufacturing below mentioned components and own BIS in their name.
- 9.3) In the case of drip irrigation, company must manufacture at least laterals and emitting devices as specified conforming to BIS standards. For online drip irrigation systems the company

should be manufacturing lateral tubing as well as drippers as per BIS and for inline drip irrigation systems, the company should be manufacturer of in line emitting pipe.

For after sales service and complaints, violations and penalties, quality control, test samples and other details, refer operational guidelines of Per Drop More Crop (MI) components of PMKSY 2017 published by Government of India, Ministry of Agriculture and Farmers Welfare, Department of Agriculture, Cooperation and Farmer Welfare, Division of Rain-fed Farming System (RFS) Krishi Bhavan, New Delhi.

OSMs must have own manufacturing facilities for any of the below mentioned Micro Irrigation System Component to get registered with SHM KERALA:

Sl. No.	MI Component Description	BIS
1	Polythylene pipes for irrigation – laterals with amendment number 6	IS 12786: 1989 (reaffirmed 2009)
2	Irrigation equipment – emitting pipes system – Specification (first revision)	IS 13488: 2008 (reaffirmed 2014)
3	Irrigation System – Media Filters – Specification	IS 14606:1998 (reaffirmed 2009)
4	Irrigation System – Strainer type filters Specification (first revision)	IS 12785:1994 (reaffirmed 2011)
5	Irrigation System – Strainer type filters Specification (first revision)	IS 12785:1994 (reaffirmed 2011)
6	Irrigation System - Hydro cyclone filter Specification	IS 14743:1999 (reaffirmed 2009)
7	Pressure Gauge 2" (Glycerin)	IS 3624
8	Butterfly Valve	IS 13095
9	Header Assembly (HA) - MS	As specified by SHM KERALA
10	Inlet manifold (PP) for HA with flanges	As specified by SHM KERALA
11	Outlet Manifold (PP) for HA with flanges	As specified by SHM KERALA
12	PVC Ball Valve / Control Valve	As specified by SHM KERALA
13	PP Ball Valve / Control Valve	As specified by SHM KERALA
14	PP Ball Valve with Flange Ends	As specified by SHM KERALA
15	Air Release Valve	As specified by SHM KERALA
16	Fertilizer and Chemicals injection system part I venturi injector	IS 14483 (part I) 1997 (reaffirmed 2009)
17	Gun Metal Throttle Valve	IS 1239
18	Throttle Valve - PP	As specified by SHM KERALA
19	Irrigation equipment – Sprinkler pipes – Specifications Part II Quick coupled polyethylene pipes & fittings	IS 14151 (part II) 2008 (reaffirmed

Sl. No.	MI Component Description	BIS
	(second revision)	2014)
20	High Density Polyethylene Pipes for water supply – Specification (fourth revision)	IS 4984: 1995 (reaffirmed 2002)
21	Fertilizer and chemical injector system – Part 3 – Fertilizer Tank	IS 14483 Part 3 - 2016
22	Unplasticized PVC pipes for portable water supplies Specification (third revision)	IS 4985 – 2000
23	Irrigation System – Emitters - Specification	IS 13487:1992 (reaffirmed 2009)
	Irrigation equipment rotating sprinkler part I, Design and operational requirement (1st revision)	IS 12232 (part-I)-1996 (reaffirmed 2011)
24	Irrigation equipment rotating sprinkler part 2, Test method for uniformity of distribution (1 <sup>st</sup> revision)	IS 12232 (part-2)-1995 (reaffirmed 2011)
25	Irrigation equipment rotating sprinkler part 2, Design and operational requirement (1st revision)	IS 12232 (part-2)-1996 (reaffirmed 2011)
26	Sprinkler Nozzles (1.7 to 2.8 Kg/cm <sup>2</sup> ) 5 to 40 liter per minute capacity (brass/ plastic)	IS 14606:1998 (reaffirmed 2009)

1. To qualify and apply for selection as registered Original System Manufacturer, company must have at least own manufacturing facility for any of the MIS components as mentioned in above table and must have valid BIS license if the component is having BI Standard.

2. SHM KERALA may visit to your factory site and registered office for verification of credential of your organization before / along with the visit of third party technical inspection agency. The third party technical agency will assess manufacturing capability & quality assurance system of MI components manufactured by the OSM at factory site.

3. Company's experience in supplying MI components manufactured by them to registered MIS suppliers with implementing agency for Micro Irrigation Scheme of various States including SHM KERALA during last 3 years.

4. Existing network in Kerala (includes marketing offices and

manpower deployed for distribution and service of MIS Components).

5. Financial strength of the organization. The minimum turnover of the OSM should be Rs. 50.00 Lakhs per annum; however, it is on the part of the OSM to prove that they have enough financial capacity and infrastructural capacity to meet the demand of the MIS component. SHM KERALA may review such OSMs whose turnover is less than Rs. 50.00 lakhs for qualification where ever necessary.

6. Provided OSM agree to the business module of implementation of the MI Scheme.

#### **10. Fees for assessment of manufacturing capability and quality assurance system by Third Party Technical Agency:**

OSMs are required to deposit Rs. 10,000/- as reimbursement of assessment fees to be carried out by SHM KERALA approved technical inspection agency at manufacturing site of OSMs. This amount is required to be paid along with the submission of Expression of Interest (Eol). The amount will be payable along with the submission of Eol by DD in favour of **State Horticulture Mission, Kerla** payable at Thiruvananthapuram.

In case, Eol of the OSM is not qualified and accepted for assessment by third party technical inspection agency, the amount of Rs. 10,000/- shall be refunded to the OSM.

In case, Eol is qualified and accepted for assessment by third party inspection agency and OSM is not qualify for selection as one of the registered OSMs with SHM KERALA after assessment of manufacturing capability & quality assurance system by third party technical inspection agency / SHM KERALA, the amount of assessment fees of Rs. 10,000/- shall be forfeited.

It is to be noted that the balance excess amount after paying bills of the technical inspection agency will be refunded to the respective OSMs after settlement of the bills of the technical agency. If the amount is found short from the actual bills payable to the technical inspection agency, the same shall be recovered from the OSMs which shall be binding on the OSMs.

## 11. Security Deposit:

A security deposit of Rs. 50,000/- shall require to be paid for as one of the Original System Manufacturers with SHM KERALA subject to selection after assessment of manufacturing capability and quality assurance system by third party technical inspection agency.

The amount of Rs. 50,000/- shall be paid to SHM KERALA by Kerala Treasury Deposit in favor of **State Horticulture Mission, Kerala** payable at Thiruvananthapuram after selection as registered OSM of SHM KERALA.

## 12. Renewal Registration Fee:

Once OSMs are registered in SHM KERALA, for every next financial year, a renewal fees would be charged by SHM KERALA from them. Non-payment of such fees would lead to cancellation of OSM's registration. The amount of renewal registration fees will be decided by SHM KERALA which will be binding to the OSMs.

## 13. Disclaimer:

The information in this document has been prepared to assist the firm/s in preparing the non-binding EoI and it is clarified that:

- a) It does not constitute an invitation to offer or an offer in relation to the transaction.
- b) This document does not constitute any contract or agreement of any kind whatsoever.
- c) This document does not, and does not purport to contain all the information that interested firm/s and their advisors would desire or require in reaching decisions as to the requirement / interested. Firm/s should form their own view as to what information is relevant to such decisions and make their own independent investigations in relation to any additional information.
- d) Neither the information in this document nor any other written or oral information in relation to the requirement or otherwise is intended to form the basis of or the inducement for any investment activity or any decision to enter into any contract or arrangement in relation to the transition and should not be relied on as such. Neither SHM KERALA nor their employees or advisors shall be liable to any

interested party or any entity under any law including the law of contract, tort, the principle of restitution or unjust enrichment or otherwise for any loss, expenses or damage which may arise, or be incurred, or suffered, in connection with this document, or any matter that may be deemed to form part of this document, or any other information supplied by or on behalf of, SHM KERALA Ltd. or their employees or advisors or otherwise arising in any way from the selection process mentioned herein.

- e) SHM KERALA is not bound to accept any or all the EOIs. SHM KERALA reserves the right to reject any or all EOIs without assigning any reasons. No applicant shall have any cause of action or claim against or its officers, employees, advisors, agents, successors or assignees for rejection of this EOI
- f) Failure to provide information that is essential to evaluate the applicant's qualifications or substantiation of the information supplied, shall result in disqualification of the applicant.
- g) 7.0 It shall not be assumed that there shall be no deviation or change in any of the herein mentioned information. While this document has been prepared in good faith, neither SHM KERALA or any of their officers or employees make any representation or shall have any responsibility or liability whatsoever in respect of any statements or omissions here from. Any liability is accordingly expressly disclaimed by SHM KERALA or any of their respective officers, employees, whether negligent or otherwise.

#### **14. Acceptance / rejection of EOI:**

SHM KERALA reserves the right to accept or reject any EOI application and / or to the selection process and reject all EOI at any point of time without assigning any reason or incurring any liability to the applicant.

#### **15. Other Terms & Conditions:**

- a) Selected firm(s) shall be granted registration as Original System Manufacturer. The decision of the SHM KERALA in this matter shall be final & binding to firms selected by SHM KERALA.
- b) EOI received after due date & time will not be accepted.



- c) In complete EOI will be treated as disqualified.
- d) OSMs should observe a high standard of ethics during the selection process and in the execution of the work assigned and for the same; they have to execute "Ethic Pact". An Ethics Pact will be signed between SHM KERALA and the OSM to ensure fulfillment of the obligations mutually.

## 16. Instruction on preparation of Expression of Interest

The Expression of Interest should contain following.

1. Company profile & experience as per **Annexure -I.**
2. Manufacturing capabilities of MIS components as per **Annexure-II.**
3. Details of experience & turn over in supplying MI last 3 years in Kerala or in any State of India as per components to MIS suppliers during **Annexure-III.**

OSM shall submit their details as mentioned above in triplicate (**one original and two photocopies**) in a single envelope sealed and super-scribed with name as "**Expression of Interest for Selection of Original System Manufacturers (OSM)**". The outer envelope shall indicate the name and address of the agency to enable the EOI to be returned unopened in case, it is declared 'late'.

**All pages of this EOI must be signed.**

If the outer envelope is not sealed and marked as required, the SHM KERALA will assume no responsibility for the EOI's misplacement.

## 17. Expression of Interest fee:

Expression of Interest will be available from the Directorate of Agriculture Development and Farmers Welfare web site. OSMs shall be required to submit duly filled in EOI along with Fees of Rs. 10,000/- by way of DD payable at Thiruvananthapuram in favor of **Kerala State Horticulture Mission**. The fees shall be non-refundable. **The EOI must be signed by Proprietor / Managing Director / Managing Partner of the firm, only. EOI signed by the person other than above would lead to disqualification of EOI.**

## 13. Language & transmission arrangements:

The Expression of Interest is required to be prepared in English and should be submitted in triplicate along with a covering letter, assessment fees and EOI fees to reach the following address **on or before 18/12/2017, 11.00AM**

**More Details**

Director of Agriculture Development & Farmer's Welfare Department  
Vikas Bhavan, Thiruvananthapuram, Kerala - 695033

Ph : 0471 – 2306748, 2304480, +91-9447442490, 9400889188, 9400988557

E-mail – [krishidirector@ gmail.com](mailto:krishidirector@gmail.com), [saekerala@gmail.com](mailto:saekerala@gmail.com)

(Draft of Covering Letter)

No. \_\_\_\_\_

Date: \_\_\_\_\_

To,

The Director of Agriculture Development & Farmer's Welfare Department  
Vikas Bhavan, Thiruvananthapuram, Kerala - 695033

**Sub: EXPRESSION OF INTEREST FOR SELECTION & REGISTRATION OF ORIGINAL SYSTEM MANUFACTURER (OSM) UNDER THE MI SCHEME.**

Dear Sir,

We have received "Expression of Interest" through down loading from your website.

We have gone through the business module, scope of work, selection criteria for short listing and general terms & conditions, and all are acceptable to us. Considering this, we are forwarding all details in the enclosed Annexure I, II, and III for your consideration.

EOI fees Rs. 10,000/- paid No. \_\_\_\_\_ Date \_\_\_\_\_ and, assessment fees of Rs. 10,000/- by DD No. \_\_\_\_\_ Date \_\_\_\_\_ payable at Thiruvananthapuram favoring SHM KERALA Ltd. are enclosed.

Thanking You,

Yours faithfully,

For \_\_\_\_\_

\_\_\_\_\_  
(Authorized Signatory – with Name & Designation)

(Seal of the Company)

## ANNEXURE –I Company Profile & Experience

1. Name of the firm : \_\_\_\_\_  
 Brand : \_\_\_\_\_ (pls.)
2. Registered provide Trade Mark certificate for registering your brand/ brand registration certificate)
3. Nature of firm : Company/partnership firm/ proprietorship
4. Address : \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
 E Mail: \_\_\_\_\_  
 :
5. Year of establishment \_\_\_\_\_

Enclose self-attested copies of below documents

- 5.1 Memorandum & Article of Association / Partnership deed in case of partnership firm,  
 5.2 Company / firm Registration Certificate,  
 5.3 Duly audited Financial Accounts along with CA report for last 3 years,  
 5.4 Incorporation certificate issued by Registrar of Companies if applicable
6. Organizational setup (Board of Directors with residential address & Qualifications): (Attach separate sheet if necessary)

Sr. No.	Designation	Name & Address with contact Nos.	Share Holding / Partner share
1	Chairman		
2	Managing Director		
3	Directors :		

**7. Turnover (enclose Balance sheet of last 3 years and in case of partnership concern, certificate of audited account from Chartered Accountants be attached)**

		<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
Capital	Authorized	Rs. _____	Rs. _____	Rs. _____
		_____	_____	_____
		Rs. _____	Rs. _____	Rs. _____
	Paid up	_____	_____	_____
		_____	_____	_____
		Rs. _____	Rs. _____	Rs. _____
Borrowing	Term loan	_____	_____	_____
		_____	_____	_____
		Rs. _____	Rs. _____	Rs. _____
	Current capital	Rs. _____	Rs. _____	Rs. _____
		_____	_____	_____

8. Other State registration details (if any)

9. Copy of factory area / plot (with drawing duly certified by Govt. approved structural engineer) and land ownership / lease documents.

10. Organizational set up of professional experts/specialists at the head quarter:

Particulars	Qualification
Production Personnel	
Marketing Personnel	

Mention qualification of the personnel engaged in the above table (attach separate sheet if necessary)

11. Organization set-up in the State of Kerala:

Particular	Posted at factory site / H.O. (Nos.)	Posted at Regional Offices(Nos.)	Persons posted in the field (Nos.)
Production Personnel			
Marketing Personnel			

12. Dealer network in Kerala (attach district wise list of dealers with full address)

Name, address telephone no. & fax numbers of the OSM's banker's who may provide reference if contacted by the SHM KERALA.

Information (if any) on litigation history during last five years in which the OSM is involved.

Address of the parties with whom OSM is involved in litigation	Cause of dispute	Amount involved (Rs.)	Present status – remarks

13. Certificates:

13.1 Certified that the information provided in this EOI is true to the best of my knowledge and if found incorrect, all my future claims would be forfeited.

13.2 Certified that I will produce all the relevant records in original for verification as and when required by SHM KERALA.

Seal of Organization

Date:

Encl: as above

For and on behalf of

( \_\_\_\_\_ )  
(with Name & Designation)

## ANNEXURE –II Manufacturing capabilities of MI Components

(use separate sheet if necessary)

1. Address of manufacturing site of MI system Component:
2. Manufacturing capabilities of MI components

Sr. No.	Name of MI Component	BIS Certificate no. & date of issuance	Production capacity / year as per documentary evidence available	No. of molding machine	No. of extruder	Other machines (Pls. specify)	Actual Production based on excise/audited records		
							2014-15	2015-16	2016-17

\*please mention the year of purchase of the machines (attach separate sheet if necessary) with **support of machine purchase bills.**

### 2.1 MI Components:

Sr. No.	MI Component	IS No.
1.	Sand Filter with back wash assembly	IS 14606:1998 (reaffirmed 2009)
2.	Disc Filter	IS 12785:1994 (reaffirmed 2011)
3.	Screen Filter/Semi auto clean SF	IS 12785:1994 (reaffirmed 2011)
4.	Hydrocyclone Filter	IS 14743:1999 (reaffirmed 2009)
5.	Pressure Gauge 2" (Glycerin)	IS 3624
6.	Butterfly Valve	IS 13095
7.	Header Assembly - MS	As specified by SHM KERALA
8.	Inlet Manifold (PP) for HA with flanges	As specified by SHM KERALA
9.	Outlet Manifold (PP) for HA with flanges	As specified by SHM KERALA
10.	PVC Ball Valve / Control Valve	As specified by SHM KERALA
11.	PP Ball Valve / Control Valve	As specified by SHM KERALA
12.	PP Ball Valve with Flange Ends	As specified by SHM KERALA
13.	Air Release Valve	As specified by SHM KERALA
14.	Ventury Injector Assembly with Valve & without manifold	IS 14483 (part 1) 1997 (reaffirmed 2009)

Sr. No.	MI Component	IS No.
15.	Gun Metal Throttle Valve	IS 1239
16.	Throttle Valve - PP	As specified by SHM KERALA
17.	PVC Pipe for Main and Sub-main Pipelines	IS 4985 – 2000
18.	Online Dripper	IS 13487:1992 (reaffirmed 2009)
19.	Mini (Impact) Sprinkler Nozzles	IS 12232 (part-1)-1996 (reaffirmed 2011)
		IS 12232 (part-2)-1995 (reaffirmed 2011)
20.	Sprinkler Nozzles (1.7 to 2.8 Kg/cm <sup>2</sup> ) 5 to 40 Liters/Minute Capacity (Brass / plastic)	IS 14606:1998 (reaffirmed 2009)

2.2 Mention production capacity in 'Meter' for lateral piped components (if it is in metric tons please give conversion ratio of unit weight of raw material to meter length production) & for rest of the component 'number' ).

2.3 BIS license No. & Validity date (enclose copy) for MI components manufactured by OSM.

2.4 If OSM is an ISO company, please attach copy of the certificate.

2.5 Certificates of Excise and customs certificate / CST/GST / VAT / TIN / TAN / PAN Card / Service Tax to be attached and also provide details of applicability of taxes.

**3 Certificates:**

3.1 Certified that the information provided in this "Expression of Interest" is true to the best of my knowledge and if found incorrect, all my future claims would be forfeited.

3.2 Certified that I will produce all the reverent records in original for verification as and when required by SHM KERALA.

Seal of Organization

Date:

Encl: as above

For and on behalf of

( \_\_\_\_\_ )

(with Name & Designation)



**ANNEXURE –III Details of experience & turn over in supplying MIS  
Components to registered MIS Suppliers**

Name of MIS Suppliers / customers for Kerala & Other States	2014-15				2015-16				2016-17			
	<b>(MI Component)</b>		<b>(MI Component)</b>		(MI Component)		(MI Component)		(MI Component)		(MI Component)	
	Qty. supplied	Turn Over (Rs)	Qty. supplied	Turn Over (Rs)	Qty. supplied	Turn Over (Rs)	Qty. supplied	Turn Over (Rs)	Qty. supplied	Turn Over (Rs)	Qty. supplied	Turn Over (Rs)
<b>Total of Kerala</b>												

**Other  
States:**

MP

Maharashtra

AP

Karnataka

Rajasthan

Chattisgarh

Other than  
above States

**All India**

**Total**

\*Attach separate sheet if necessary

I hereby confirm that all the above information is true to the best of my knowledge & belief.

Seal of Organization

For & on behalf of

Date:

Encl: as above

– with Name & Designation

**Note: Please attach other details to share with SHM KERALA; if any**