



**DEPARTMENT OF AGRICULTURE
HIMACHAL PRADESH**

**DOCUMENT
FOR
SELECTION & EMPANELMENT
OF
NEW SERVICE PROVIDERS OF MICRO-IRRIGATION
UNDER
RAJIV GANDHI MICRO-IRRIGATION SCHEME
(EFFICIENT IRRIGATION THROUGH MICRO-IRRIGATION SYSTEMS)
TO BE IMPLEMENTED
BY
DEPARTMENT OF AGRICULTURE
HIMACHAL PRADESH**

2016

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Document for Technical Eligibility of New Companies for Surveying Planning, Designing and Execution of Micro-Irrigation Systems under Rajiv Gandhi Micro-irrigation Scheme.

1) General:-

1. The Department of Agriculture shall be implementing a project **"Efficient irrigation through Micro-Irrigation –Rajiv Gandhi Micro-Irrigation Scheme"** in the entire state of Himachal Pradesh. The project has various component, out of which, some are planned to be executed through various firms, companies and organization of repute with sufficient past experience in the field of Micro-Irrigation for planning, designing and execution of micro-irrigation systems on farmers fields under the project.
2. Major component of the scheme is installation of micro irrigation systems (Sprinkler and Drip) in command areas varying from 0.08 to 4.00 hectares. Topography of the State is highly variable comprising of lands having negligible slopes to slopes as high as 50 to 60% where crops are raised. Major component which would be considered for planning and designing of micro-irrigation systems is availability of water source. It could be at higher elevation to that of command area or it could be at lower elevations depending on site. This implies that planning and designing would be different for different systems.
3. For installed micro-irrigation systems project assistance to the extent of 80% of the project cost shall be provided to the beneficiaries as project share. The remaining project cost 20% shall be borne by the beneficiaries. Under the project, 15850 micro-irrigation systems (sprinklers and Drip) are proposed to be installed and Command area of 8500 hectares would be covered under efficient Micro –Irrigation systems. The project targets would be achieved in three years i.e. during 2016-2017 to 2018-19.
4. Due to variation in altitude and topography, the soil types particularly texture and depth are highly variable. Objective of the project is to promote cultivation of cash crops i.e. vegetables in irrigated area which at present are under cereals, pulses and oilseeds. It is expected that at least 50% of the command area shall be diversified and put under cash crops i.e. vegetables. Therefore, expansion of area under vegetable crops after the installation of micro- irrigation system would be an integral part of planning and designing of the micro-irrigation systems.

In view of above details, it is expected that if new companies intend to empanel on the rates approved by SLC for providing and laying of micro-irrigation systems (Sprinkler and Drip) on farmers fields with Department for planning, designing and installation of micro-irrigation systems having sufficient experience for undertaking works of Micro-irrigation in hilly areas and expertise to suggest suitable cropping systems under different agro climatic conditions and under different farming situations. The companies shall have to fulfill the eligibility criteria for their selection and empanelment as well as give their consent to execute the work on the rates approved by State Level Committee for different command areas. The detail of approved rates for different command areas is as under:


Director of Agriculture,
Himachal Pradesh.

**COMMAND AREA WISE APPROVED UNIT RATES FOR INSTALLATION OF
DRIP IRRIGATION & SPRINKLER IRRIGATION SYSTEMS FOR 2016-17, 2017-18
& 2018-19**

Sr. No.	Micro-Irrigation System	Lateral Spacing (MXM)	Unit Area (Ha.)	Approved Command Area Unit Rates by SLC
1	2	3	4	5
1	Drip Irrigation	1.20x0.60	0.08	17150
			0.16	28630
			0.24	41860
			0.32	52390
			0.40	70810
			0.80	138450
			1.00	174140
2		1.00x0.60	0.08	20840
			0.16	33080
			0.24	48120
			0.32	60380
			0.40	80540
			0.80	157240
			1.00	196780
3		0.80x0.60	0.08	30840
			0.16	53080
			0.24	82780
			0.32	103131
			0.40	132830
			0.80	257770
			1.00	320377
4	Micro-Sprinkler		0.08	16000
5			0.16	24400
6			0.24	35409.5
7			0.32	45239.6
8			0.40	57200
9			0.50	59600
10			1.00	107800
11	Mini-Sprinkler		0.16	34600
12			0.24	45100
13			0.32	63900
14			0.40	64500
15			0.50	75500
16			1.00	137500
17	Portable Sprinkler		0.16	19490
18			0.24	21100

19			0.32	22710
20			0.40	32280
21			0.50	40460
22	Semi-Permanent Sprinkler		0.40	43800
23			1.00	77400
24			2.00	116500
25			3.00	152800
26			4.00	154800
27	Large Volume Sprinkler (Rain gun)		0.40	43400
28			1.00	60566
29			2.00	111200
30			3.00	200300
31			4.00	277900

2) Scope of Work :

The firms/ companies / organisations are required to do planning, designing, surveying and installation of Micro-Irrigation systems such as Drip, Micro -sprinklers , Mini sprinklers, Portable Sprinklers, Semi-Permanent Sprinkler and Large volume sprinklers in the open farmer's fields .The companies have to execute the works as per approved physical and financial proposal given below:

Proposed Activity	CCA (Ha.)	Actual Cost (Rs. in Crore)	80% Project Share (Rs. in Crore)	20% Beneficiaries share (Rs. In crore)
Micro-Irrigation Systems				
a) Drip Irrigation	400	10.53	8.42	2.11
b) Micro-Sprinkler Irrigation	400	6.18	4.94	1.24
c) Mini - Sprinkler Irrigation	2500	46.13	36.90	9.23
d) Portable Sprinkler Irrigation	3500	33.11	26.49	6.62
e) Semi Permanent Irrigation	1500	11.46	9.17	2.29
f) Large Volume Sprinkler Irrigation	200	1.51	1.21	0.30
Total	8,500	108.92	87.13	21.79

The Sub Divisional Soil Conservation Officers shall be the Project Implementation Agency (PIA) and Deputy Director of Agriculture shall be the District Nodal Officer of this project in their respective areas. In tribal areas , concerned District Agriculture Officers, Assistant Project Officer and Subject Matter Specialists shall be both DNOs and PIAs for this

Dr. Rakesh
Director of Agriculture,
Himachal Pradesh.

3) **Selection Process:-**

- 1) The technical document of New Service Provider shall be scrutinized through the Committee constituted by the Department of Agriculture , Himachal Pradesh as per defined criteria for selection / empanelment .
- 2) The service provider shall have to qualify technically based on the eligibility criteria in this document. The service provider not fulfilling the eligibility criteria will not be processed further. The documents to be submitted showing fulfillment of eligibility criteria are given at Annexure-I.
- 3) The technical document of all such service providers who had faced serious complaints about their past will get rejected before the scrutiny of their document.
- 4) On the recommendation of the Committee, the eligible service provider shall be empanelled as per the procedure for one year and can be extended depending upon the up to next empanelment exercise.

4) **Qualifying Criteria:-**

1. Companies must have at least 3 years working experience preferably in hilly areas with regard to planning, designing and execution of micro irrigation systems and it would be assessed on the basis of works of similar nature executed during the last 3 years in at least 3-4 states. For that the companies are required to submit registration certificates from clients states /departments /agencies where they have executed similar works satisfactorily.
2. Only Reputed, Registered and Authorized Firms/Agencies etc. **(the copy of the Registration/Dealership/PAN, VAT/CST, IT Clearance Certificate have to mandatorily be enclosed as proof)** are eligible to submit the tenders, failing which the their eligibility will be rejected.
3. Companies having ISO 9000/9001/9002 certificate may submit the copies of same.
4. As per project document, major part is planning, designing and installation of sprinkler and drip irrigation systems ,therefore, companies who are manufacturing HDPE pipes and Nozzles of BIS Standards can express interest directly or through their authorized distributors. Also companies outsourcing nozzles having BIS standards can express interest. However, in all the cases the components required for the installation of micro-irrigation systems should be as per BIS standards or should conform to ISI specifications.
5. It is expected that the companies interested to work and act as service providers of project activities i.e. installation of micro-irrigation systems must have adequate manpower with required qualification and experience so that company/firm can formulate hydraulic and structural designs of individual projects on the basis of accurate survey sheet/plan and proper water source management plan as per site requirement . This aspect is important to ascertain techno-economical viability of the installed irrigation systems. Therefore, companies are required to submit complete profile of professionals, technicians who would be undertaking planning, designing and installation work of micro irrigation systems in all parts of the State.
6. To ascertain capacity and capability of interested companies as to whether they can execute the work in a time bound manner, they are required to give details with regard

to production/procurement details of major components required for the installation of micro irrigation systems. They are required to submit complete list and detail of components which company is manufacturing and which the company intends to outsource. The component/item should be supported with ISI/BIS standards and valid licenses issued by the B.I.S..

7. Interested companies should have adequate infrastructure in H.P. such as offices/stores/ outlets at least one in each district where they would like to work. For that it is desirable that they must set up such facility at focal points within 2 months from the date of their empanelment. In case a company fails to open such outlets within prescribed period in that case their empanelment shall be cancelled. Companies are required to give complete detail of these offices/ outlets with man power, machinery and storage capacity etc..
8. To determine financial capacity of the interested companies, it is important that the company should have annual turnover of minimum Rs.10 crores particularly in venture of micro irrigation. The companies are required to furnish last three years balance sheets duly certified by the Chartered Accountants of repute.
9. Interested companies are required to submit details of components/material they would be using for the installation of micro irrigation systems with BIS standards, IS specifications. For that they are required to supply certified copies of BIS licenses. Companies are also required to give details as to which instruments/equipments they would be using for planning and designing of micro irrigation systems.
10. Companies can also furnish any additional document/information which they wish to give in support of their expertise or excellence in the field of installation of micro irrigation systems.
11. The companies willing to express interest for technical bid must submit an affidavit dually certified by Ist Class Magistrate that their company has not been blacklisted anywhere in the country while undertaking this type of work/ project.
12. The new service providers/company should submit their Technical credential for Micro-Irrigation as per **Application Form for Technical Eligibility** enclosed in sealed cover addressed to the Director of Agriculture, Krishi Bhawan Shimla-5.
13. Document for Technical Eligibility Criteria is open to all new service providers/company . The qualifying criteria will be based on the based on the information supplied by the firms.
14. The documents for eligibility criteria may be obtained from the Directorate of Agriculture, Krishi Bhawan, H.P. Shimla-5 on any working day by paying fee of Rs.1000/- (Rupees one thousand) only as non-refundable in favour of Director of Agriculture, H.P. through demand draft payable at Shimla-5. All these information can also be obtained / downloaded from our Web site **www.hpagriculture.com**, but Rs.1000/- in Demand Draft has to be deposited in the Directorate before or at the time of submission of document.
15. Document for Technical Eligibility Criteria must be delivered to the Director of Agriculture at the address given above on any working day and will be scrutinized within 10 days , as per the date fixed by authority in the presence of the their authorized representative, who wish to attend.


Director of Agriculture,
Himachal Pradesh.

16. Other details and clarifications can be seen/ obtained from the Directorate of Agriculture on any working day between 10 AM to 5 PM.
17. Based on the information supplied by the firms in technical document duly signed by authorized person, the firms will be shortlisted by committee constituted at Directorate Level and asked to register themselves with the Department by depositing the empanelment fees of Rs. 75000/- and Bank Guarantee of Rs. 10.00lakh .
18. As far as possible, no material will be arranged by the farmers to maintain the quality of material. In such cases, if materials like sand, aggregate and cement etc. is arranged by the farmers, the companies have to compensate the farmers suitably with mutual understanding. Similarly if labour is arranged by the farmers, the companies will compensate the farmers suitably with mutual understanding.
19. Suitable provisions for penalties and blacklisting of firms on failure on any of agreed clauses will be kept in the final agreement after financial bids are finalized.

5) Disclaimer

The information in this document has been prepared to assist the firms in preparing the Non-Binding EOI and it is clarified that :

- 1) It does not constitute an invitation to offer or an offer in relation to the transaction.
- 2) This document does not constitute any contract or agreement of any kind whatsoever.
- 3) 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 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.
- 4) 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 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 Director of Agriculture, Government of Himachal Pradesh, 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 Director of Agriculture, Government of Himachal Pradesh or on behalf of, or their employees or advisors or otherwise arising in any way from the selection process mentioned herein.
- 5) Director of Agriculture, Government of Himachal Pradesh is not bound to accept any or all the EOIs (Document for Technical Eligibility) and reserve the right to reject any or all EOIs without assigning any reason. 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.


Director of Agriculture,
Himachal Pradesh.

- 6) 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.
7. 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 Director of Agriculture, Government of Himachal Pradesh or any of their officers or employees or advisors or agents 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 Director of Agriculture, Government of Himachal Pradesh or any of their respective officers, employees, advisors or agents, whether negligent or otherwise.

6) Final Decision Making Authority:-

Director of Agriculture, Government of Himachal Pradesh reserves the right to accept or reject any EOI (Document for Technical Eligibility) application and / or to the selection process and reject all EOI at any point of any point of time without assigning any reason or incurring any liability to the applicant.

7) General Terms & conditions:-

1. Selected firm (s) shall be empanelled for Surveying Planning, Designing and Execution of Micro-Irrigation Systems in entire State of Himachal Pradesh or as decided by Director of Agriculture, Government of Himachal Pradesh. The decision of the Director of Agriculture, Government of Himachal Pradesh in this matter shall be final & binding to firms selected by Director of Agriculture, Government of Himachal Pradesh.
2. Incomplete **"Expression of Interest"** will be categorically ignored without any further communication to the firm.
3. Service providers should observe a high standard of either during the selection process and in the execution of the contract and for the same; they have to execute "Ethic Pact".

8) Technical Document (Expression of Interest) fees:-

A complete set of Technical Document downloadable free of cost from website www.hpagriculture.com and Rs. 1000/- non-refundable fees shall be payable in the form of Demand Draft in favour of Director of Agriculture, Himachal Pradesh payable at Shimla-5 on the submission of Document.


Director of Agriculture,
Himachal Pradesh.

**APPLICATION FORM FOR TECHNICAL ELIGIBILITY CRITERIA FOR NEW
SERVICE PROVIDERS UNDER RAJIV GANDHI MICRO-IRRIGATION SCHEME**

1	A) Name of the Manufacturing Company with its Regn. No./Authorized Dealer (Copy of the manufacturing license of HDPE sprinkler pipes, Rainguns, Sprinkler nozzles to be enclosed) B) Name of the importing company with its import license number	
2	Status of Company i) Registered Company ii) Sole proprietorship firm (Name & address of the proprietor) iii) Partnership firm (Partnership agreement, letter of consent as authorized by other partners to bid for this tender) iv) Private Limited Company (Certificate of incorporation and authorization from CEO, if not represented by CEO)	
3	Registered Address of manufacturing Unit	
4	Particulars of Demand draft enclosed towards cost of tender schedule if the Tender schedule is downloaded from website	DD No. DD Date for Rs.1,000/- Name of the Bank
5	Brief Profile of the firm	
6	Bank particulars for online transfer of amounts. a) Bank name & Branch b) Account number c) RTGS Number	
7	Whether the Company is ISO certified or not (If 'yes' copy to be enclosed)	
8	Proof of having sufficient No. of persons with qualifications and experience (List out details about names of persons and Experience) on installation of Micro-irrigation	
9	Annual production capacity of the firm (In case of manufacturer) A) HDPE Sprinkler pipes B) Nozzle C) Rain guns	
10	Turnover of the bidder during last 3 years (lakhs) 2013-14 2014-15 2015-16 Average	
11	Details of dealers' net work and after sales service stations available in HP. (List of Names & address of each dealer along with VAT Registration Number to	

(Signature)
Director of Agriculture,
Himachal Pradesh.

	enclosed)	
12	VAT Regn. No. / CST. No. and validity	
13	PAN No. (copy to be enclosed)	
14	Service Tax Registration No	
15	ISO: 9001 Registration (Enclose copy)	
16	Total past Experience for installing of Micro Irrigation System (Sprinkler) (At least three years) (Enclose copy of work orders and completion certificates)	
17	Work experience in Himachal Pradesh for Micro Irrigation System(sprinkler) (At least three years) (enclosed documentary evidence)	
18	Have your organization has been blacklisted by Govt. of India/any state govt./any of their institution (Enclose affidavits in original, both by parent mfg. co. as well as participating agency of parent mfg. co. in this context)	Yes/No
19	Audited accounts balance sheet for the last 3 years. (attested copies to be enclosed)	
20	Income Tax assessment Certificate for the last 3 years (attested copies to be enclosed)	
21	Name of contact person with address &Phone no.	

23. Undertaking:-

I, Mr./Mrs.....Son/daughter/wife of/Mr./Mrs.....
.....resident of.....
working/holding position as..... in
M/s.....Address....., hereby, declares that all the
information's given by me/us are true and fair. I have enclosed the required documents and
records as aforementioned which are required under the Expression of Interest. In event of any
information/document found false or concealed in the process, which in due course comes to light,
I and my/our firm will be liable for cancellation of agreement if any and also liable for all legal
and criminal action. In such case, my deposit/earnest money deposited for the purpose is liable to
be forfeited by the Department of Agriculture without assigning any reason.


Signature :

(Authorized Signatory)

Name :

Designation :

Seal/Stamp of Organization:


Director of Agriculture,
Himachal Pradesh.

(Draft for Covering Letter)

No. _____

Dated: _____

To,

The Director of Agriculture,
Himachal Pradesh,
Shimla-171005.

Subject: **Document for selection & registration of new service providers for planning, surveying , designing and installation of Micro-Irrigation systems in the state under Rajiv Gandhi Micro-Irrigation Scheme.**

Dear Sir,

We have received "Document for Selection and Empanelment as Service provider" through downloading from your website/ through post / at departmental counter.

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


Document Fee Rs. 1000/- (Rupees one thousand) only non refundable in from of Demand Draft No. _____ Dated _____ payable in favour of Director of Agriculture, Shimla is enclosed.

Thanking You,

Yours faithfully,


For _____

Authorized Signatory
(seal of Company)


Director of Agriculture,
Himachal Pradesh.

Component –wise List of BIS Standards

- i) Screen Filter with latest amendments (IS 12785 :1994)
- ii) Media Filter (IS 14606 : 1998).
- iii) Hydro cyclone Filter (IS 14743 : 1999).
- iv) Disc Filter (IS 12785 : 1994)
- v) Polyethylene pipe for Laterals (IS 12786 : 1989).
- vi) Emitting Pipe System (IS 13488 : 1992).
- vii) On line Emitters (IS 13487 : 1992).
- viii) Irrigation Equipment rotating sprinkler Part –I , Design and Operational requirements (Ist revision) (IS 12232 (Part I) :1996).
- ix) Irrigation Equipment rotating sprinkler Part –II ,Test method for uniformity of distribution system (Ist revision) (amendment I) (is 12232 (Part II) : 1995).
- x) Irrigation Equipments sprinkler pipes specifications Part-I , Polyethylene pipes (IS 14151 (Part –I): 1999).
- xi) Irrigation Equipments sprinkler pipes specifications Part-II , Quick couples Polyethylene pipes (IS 14151 (Part –II): 1999).
- xii) PVC Pipes for water supply (IS 4985 : 1999).
- xiii) Valves (Gate Valve & Non –return valves) – As per ISI specifications.
- xiv) Jets /Sprays (IS 14605 : 1998).
- xv) Water meters (IS 779 : 1994)
- xvi) G.I. Pipes (IS 1239 : 1990).
- xvii) G.I. Fittings (IS 1879 : 1987).
- xviii) HDPE Pipes (IS 4984 : 1995)
- xix) C.I. Non return Valve (IS 5312 – Part I : 1984) (IS 5312 –Part -2 : 1986).
- xx) PVC Moulded Fittings (IS 7834 : 1987).
- xxi) PVC Fabricated Fittings (IS 10124 : 1988).
- xxii) Irrigation Equipment –Design, Installation and Field Evaluation of Micro Irrigation Systems –Code Of Practice (First Revision) (IS 10799 : 1999).
- xxiii) C.I. Sluice Valve (IS 14846 : 2000).


Director of Agriculture,
Himachal Pradesh.