Office of The Chief Engineer, Mahanadi Project, Water Resources Department, Raipur (C.G.)

NO-6128

Raipur, Dated 04.10.2017

To,

The Director,
Directorate of Public Relation
Water Resources Department,
Raipur (C.G.)

Sub:- Publication of "Expression of Interest" (EOI) for empanelment of the agencies for work of Survey design, supply, installation, testing and commissioning along with the civil works such as intake structure, intake pipe, sump well, over head pump house, pumping machineries, including supply and erection of HDPE/PVC pipe distribution network with micro (Drip) irrigation system and operation and maintenance of the system for five Years including awareness building motivating and training of the beneficiaries.

Please find enclosed herewith thirteen copies of Notice for "Expression of Interest (EOI)" for empanelment of agencies for executing micro irrigation projects.

The proposal from agencies from all India level is to be invited, therefore it is requested to please publish notice of "Expression of Interest (EOI)" in at least 3 National and 3 State Level Hindi and English news papers before date **07.10.2017**.

Encl. As above.

Executive Engineer,
Water Management Division No. 1, Raipur
For, Chief Engineer,
Mahanadi Project,
Water Resources Department,
Chhattisgarh, Raipur
Raipur, Dated 04.10.2017

Endt. No. 6129 Copy is forwarded to:-

1. Secretary, Govt. of Chhattisgarh, Water Resources Department, Mantralaya, Mahanadi Bhavan, Naya Raipur (C.G.)

2. The Engineer in Chief, Water Resources Department, Sihawa Bhawan, Raipur

3. All Chief Engineer, Water Resources Department, Chhattisgarh

4. ETMS Cell, State Data Center, Raipur for uploading in the website https://eproc.cgstate.gov.in

5. All Superintending Engineer/Executive Engineer under this formation for information & necessary action please.

Encl. As above.

Executive Engineer, Water Management Division No. 1, Raipur For, Chief Engineer, Mahanadi Project,

Water Resources Department, Chhattisgarh, Raipur

मुख्य अभियंता, महानदी परियोजना, जल संसाधन विभाग, रायपुर (छ.ग.)

सूचना क्र. **ई.ओ.आई./01**

रायपुर दिनांक 04.10.2017

"रुचि की अभिव्यक्ति"

छत्तीसगढ़ शासन, जल संसाधन विभाग सुक्ष्म सिंचाई (ड्रिप/स्प्रिंकलर) के विभिन्न कार्यो जैसे "सर्वेक्षण, डिजाईन, सामग्री की आपूर्ति, स्थापना, परीक्षण एवं चालू करने के लिए सिविल कार्य जैसे इंटेक तथा जैक वेल स्ट्रक्चर्स एवं इंटेक पाईप, सम्पवेल,, ओव्हर हेड पम्प हाउस, पंपिंग मषीनरी, एच. डी.पी.ई./पी.व्ही.सी. पाइप के वितरण नेटवर्क का निर्माण तथा 05 वर्ष तक प्रणाली का संचालन एवं अनुस्क्षण कार्यों के साथ—साथ योजना के कमांड क्षेत्र में हितग्राहियों को जागरूकता, षिक्षण तथा प्रिषक्षण" कार्य के लिए फर्म/एजेंसी के इम्पनलमेंट करने हेतु रूचि की अभिव्यक्ति आमंत्रित करता है।

भारत के अग्रणी फर्म/संस्थाओं से जिन्हे शासन की संस्थाओं में समान प्रकृति के कार्यों का अनुभव हो, तीन श्रेणीयों I) 200 हेक्टेयर तक II) 500 हेक्टेयर तक तथा III) 500 हेक्टेयर से अधिक क्षेत्र में उपरोक्त वर्णित कार्यों के लिए सूचीबद्ध करने हेतु रूचि की अभिव्यक्ति आमंत्रित की जाती है।

"रूचि की अभिव्यक्ति" के अंतर्गत प्राप्त प्रस्तावों का निर्धारित अर्हता के अनुसार आंकलन कर पात्र फर्म / संस्थाओं की सूची तैयार की जाएगी। इन पात्र फर्म / संस्थाओं से कार्य की आवष्यकता के अनुरूप विभाग के मापदण्डों एव निहित शर्तों के आधार पर प्रस्ताव मंगाए जाएगें।

उपरोक्त कार्य में इच्छुक फर्म/संस्थाओं को कार्य से संबंधित अनुभव की पूरी जानकारी प्रस्तुत करनी होगी। प्रस्ताव में पिछले पांच वर्षों के वित्तीय टर्न ओव्हर, कार्य में अपेक्षित अनुभव के अभिलेखों सहित विवरण निम्नांकित प्रारूप में प्रस्तुत करना होगा :--

- अ. एजेन्सी / फर्म का नाम
- ब. स्थापना का वर्ष
- स. पत्र व्यवहार हेतु पता, फोन नं., ईमेल आई.डी. एवं वेबसाईट का विवरण
- द. एजेन्सी / फर्म के अनुभव की जानकारी (वर्षों में)
- इ. सूक्ष्म सिंचाई कार्य के पिछले पांच वर्षों का वित्तीय टर्नओवर का विवरण
- फ. शासकीय संस्थानों / उपक्रमों में सूक्ष्य सिंचाई (ड्रिप / स्प्रिंक्लर) प्रणाली की स्थापना के अनुभव का विवरण
- ग. हितग्राहियों की सूक्ष्म सिंचाई के प्रति जागरूकता, प्रेरणा तथा प्रिषक्षण के संबंध में अनुभव संबंधी विवरण।

आवेदन

- 1. इच्छुक फर्म / संस्थाओं को अपना प्रस्ताव आवेदन शुल्क रू. 5000 / (पांच हजार रूपये) का डिमाण्ड ड्राफ्ट जो कार्यपालन अभियंता, जल प्रबंध संभाग क्र. 01, रायपुर के पक्ष में देय हो, के साथ स्पीड पोस्ट / रिजस्टर्ड पोस्ट A/D द्वारा ही मुख्य अभियंता, महानदी परियोजना, जल संसाधन विभाग, रायपुर (छ.ग.) को प्रस्तुत करना होगा। (उपरोक्त राशि वापसी योग्य नहीं है।)
 - अ. ''रूचि की अभिव्यक्ति'' प्रस्ताव को जमा करने की अंतिम तिथि 23.10.2017 (5:30 बजे सायं तक)
 - ब. ''रूचि की अभिव्यक्ति'' प्रस्ताव के खुलने की अंतिम तिथि 24.10.2017 (3:30 बजे अपरान्ह में)
- 2. परियोजना एवं कार्य से संबंधित विस्तृत विवरण छत्तीसगढ़ शासन, जल संसाधन विभाग की विभागीय वेबसाईट पर https://eproc.cgstate.gov.in दिनांक 07.10.2017 (5:30 बजे सायं) से देखा जा सकेगा।
- 3. किसी भी या सभी फर्म / संस्थाओं से प्राप्त प्रस्तावों को बिना कोई कारण बताये निरस्त करने का सर्वाधिकार विभाग के पास सुरक्षित रहेगा।
- 4. व्यक्तिगत रूप से प्रस्तुत की गई "रूचि की अभिव्यक्ति" स्वीकार नहीं की जावेगी।

कार्यपालन अभियंता.

जल प्रबंध संभाग क्र. 01, रायपुर (छ.ग.)

कृते, मुख्य अभियंता, महानदी परियोजना

जल संसाधन विभाग रायपुर (छ.ग.)

Office of The Chief Engineer, Mahanadi Project, Water Resources Department, Raipur (C.G.)

Notice No. EOI/01

Raipur, Dated 04.10.2017

EXPRESSION OF INTEREST (EOI)

Government of Chhattisgarh, Water Resources Department invites Expression of Interest for empanelment of firms/agencies for the work of "Survey design, supply, installation, testing and commissioning along with the civil works such as intake structure, intake pipe, sump well, over head pump house, pumping machineries, including supply and erection of HDPE/PVC pipe distribution network with micro (Drip/Sprinkler) irrigation system and operation and maintenance of the system for five Years including awareness building, motivating and training of the beneficiaries.

The expression of interest (EOI) is hereby invited form Indian firms/agencies for empanelment for the above mentioned works having experience of establishing micro irrigation works with Govt. organizations under three categories I) upto 200 Ha. and II) Upto 500 Ha. and III) More than 500 Ha.

The EOI received would be evaluated and short-list of qualified firm/organization will be prepared. The proposal for requirement of work according to criteria and guide line of department will be requested from shortlisted firm/organization.

The increased firm/agency should furnish full information about their experience in relevant activities to be expressed in hectare, financial turnover for last 5 years supported by documentary proof in the format as under:-

- a. Name of Organization /firm
- b. Year of incorporation
- c. Address of correspondence & contact no. with e-mail ID and Website.
- d. Total experience of the firm (in No. of Years)
- e. Financial turnover of Micro Irrigation work in last five year.
- f. Details of experience of establishing drip irrigation system with government department or public under takings.
- g. Detail of experience in the field of mass awareness, motivation and training of the beneficiaries.

For information under e, f and g above, please refer pre qualification criteria.

Application

- 1. Interested agencies have to submit their proposal with non refundable cost of application for as Rs. 5000.00 in the form of D.D. in favour of "Executive Engineer, Water Management Division No. 1 Raipur (Chhattisgarh) through speed post/Registered post A/D to the Chief Engineer, Mahanadi Project, Water Resources Department, Raipur (Chhattisgarh)
 - A. Last date for submission of EOI documents 23.10.2017 at 5:30 PM
 - B. Date of opening of EOI proposal documents 24.10.2017 at 3:30 PM
 - 2. Further details regarding the projects, can be viewed on sub-portal website https://eproc.cgstate.gov.in of Water Resources Department, Chhattisgarh website from Date 07.10.2017
 - 3. All rights to reject any or all the responses received, without assigning any reason whatsoever, are reserved.
 - 4. Expression of Interest submitted in person will not be accepted.

Executive Engineer,
Water Management Division No. 1, Raipur
For, Chief Engineer,
Mahanadi Project,
Water Resources Department,
Chhattisgarh, Raipur

Pre Qualification Criteria for Empanelment

1. The WRD wishes to empanel the firm/agency who have expertise in the field of pipeline network and drip micro irrigation network in three categories:-

Category - Area of Micro Irrigation
I - Upto 200 Ha.
III - Upto 500 Ha.
III - More than 500 Ha.

Mandatory qualifying criteria are (i) Financial turnover, (ii) Experience in the field of establishing drip micro irrigation system and operation & maintenance and (iii) experience in the field of mass awareness, motivation and training of the beneficiaries for drip micro irrigation system.

Joint ventures are not allowed.

Financial Turnover

The firm/agency should have a minimum financial turnover of micro irrigation network system and its operation & maintenance in a year during last 5 Year from 2012-13 to 2016-17 (10% weightage per year shall be given to bring the financial turnover to the present price level.) The Category wise minimum turnover required is as under:-

Category - Value of Turn Over
I - Rs. 2.00 Crore
II - Rs. 5.00 Crore
III - Rs. 8.00 Crore

Experience

(i) The participating firm/agency should have a minimum experience in establishing drip or sprinkler micro irrigation network system in a year during last 5 year from 2012-13 to 2016-17 as under.

Category - Minimum Project Size
I - 100 Ha.
III - 300 Ha.
III - 500 Ha.

ANNEXURE – I

Financial Turnover of Micro Irrigation Project of the Firm/Agency during last 5 Years

Rs. In Lakhs

S.No.	Name of	Fi	Financial Turnover as per TDS				
	Firm/Agency	Financial	Financial	Weightage	Financial		
		Year	Turnover		Turnover		
			of Micro		Including		
			irrigation		weightage		
			works				
1	2	3	4	5	6	7	
1		2012-13		1.61			
2		2013-14		1.46			
3		2014-15		1.33			
4		2015-16		1.21			
5		2016-17		1.10			

Note:- Copy of Saral/acknowledgement of It return is compulsory, non submission of any year's Saral/ acknowledgement of IT return may lead to disqualification.

ANNEXURE – II Details of work experience in last five years

S.No.	Financial Year	Related Department	Area developed in Micro Irrigation System	Remarks
1	2	3	4	5
1	2012-13			
2	2013-14			
3	2014-15			
4	2015-16			
5	2016-17			

Note:- 1. Above details should be supported by relevant documents duly self attested certificates of physical works shall be certified by the officer not below the rant of Executive Engineer.

2. Experience of only government or public undertaking organizations shall be considered.

ANNEXURE – III

Details of Mass Awareness and training experience in last five years

S.No.	Financial Year	Related Department	Remarks
1	2	3	4
1	2012-13		
2	2013-14		
3	2014-15		
4	2015-16		
5	2016-17		

Note:- 1. Above details should be supported by relevant documents duly self attested certificates of physical works shall be certified by the officer not below the rant of Executive Engineer.

2. Experience of only government or public undertaking organizations shall be considered.

छत्तीसगढ़ शासन जल संसाधन विभाग मंत्रालय महानदी भवन,केपिटल काम्पलेक्स नया रायपुर,छ.ग.

. ५९९। क्रमांक....../एफ-1-34/31/एस-2/सूक्ष्म सिंचाई/विविध/2017, नया रायपुर दिनांक 19/09/2017

प्रति,

प्रमुख अभियंता, जल संसाधन विभाग, सिहावा भवन, रायपुर (छ.ग.)

विषय:- EOI & RFP Document for empanelment of consultant for Micro Irrigation Works.

संदर्भ:-- आपका पत्र क्रमांक 42125411/बजट/2017/13634, दिनांक 04.09.2017.

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राज्य शासन एतद् द्वारा सूक्ष्म सिंचाई योजनाओं के क्रियान्वयन हेतु आपकी अनुशंसा अनुसार प्रस्तुत रूचि की अभिव्यक्ति (Expression of Interest) तथा आर.एफ.पी. (Request for Proposal) प्रपत्र अनुमोदित करता है एवं संस्थानो को सूचीबद्ध किये जाने हेतु कार्यवाही की अनुमति प्रदान करता है।

सहपत्रः-अनुमोदित ई.ओ.आई., आर.एफ.पी. प्रारूप।

(याकुब खेस्स) संयुक्त सचिव जल संसाधन विभाग मंत्रालय, नया रायपुर

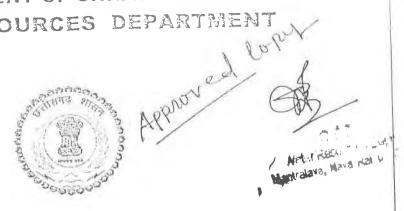
4992 पृक्रमांक....../एफ-1-34/31/एस-2/सूक्ष्म सिंचाई/विविध/2017, नया रायपुर दिनांक 19/09/2017 प्रतिलिपि:-

- 1. विशेष सहायक, माननीय मंत्रीजी, जल संसाधन विभाग, मंत्रालय, नया रायपुर
- 2. निज सहायक, सचिव, जल संसाधन विभाग, मंत्रालय, नया रायपुर
- 3. समस्त मुख्य अभियंता, जल संसाधन विभाग, छत्तीसगढ़
- 4. सर्व संबंधित, तकनीकी शाखा, मंत्रालय, नया रायपुर

को सूचनार्थ अग्रेषित।

2 1 SEP 2017

संयुक्त सचिव जल संसाधन विभाग मंत्रालय, नया रायपुर GOVERNMENT OF CHHATTISGARH
WATER RESOURCES DEPARTMENT



EXPRESSION OF INTEREST

FOR EMPANELEMENT OF AGENCIES

FOR

EXECUTING MICRO IRRIGATION PROJECTS

IN

CHHATTISGARH STATE

CHIEF ENGINEER

MAHANADI PROJECT

WATER RESOURCES DEPARTMENT,

CHHATTISGARH

Office of the Chief Engineer Mahanadi Project Water Resources Department Raipur (C.G.)

2

Raipur, dated / /2017

To,

The Director,
Directorate of Public Relation,
Water Resources Department
Raipur (C.G.)

Sub:-

Publication of "Expression of Interest" (EOI) for empanelment of the agencies for work of Survey design, supply, installation, testing and commissioning along with the civil works such as intake structure, intake pipe, sump well, over head pump house, pumping machineries, including supply and erection of HDPE/PVC pipe distribution network with micro (Drip) irrigation system and operation and maintenance of the system for Five years including awareness building, motivating and training of the beneficiaries.

Please find enclosed herewith thirteen copies of Notice for "Expression of Interest (EOI)" for empanelment of agencies for executing micro irrigation projects.

*

Enc:-

As Above.

Chief Engineer
Mahanadi Project
Water Resource Department
Chhattisgarh, Raipur
Raipur, Dated

Endt. No.

Copy is forwarded to :-

- Secretary, Govt. of Chhattisgarh, Water Resources Department, Mantralaya, Mahanadi Bhavan, Naya Raipur.
- 2. The Engineer in Chief, Water Resources Deptt, Sihawa Bhawan, Raipur,
- 3. All Chief Engineer, Water Resources Department, Chhattisgarh
- 4. ETMS Cell, State Data Center, Raipur for uploading in the website http://wrd.cgprocurement.gov.in.
- 5. All Superintending Engineers/Executive Engineers under this formation for information & necessary action please.

Enc:-

As Above

13 copies

Chief Engineer Mahanadi Project Water Resource Department Chhattisgarh, Raipur

मुख्य अभियंता • डानदी परियोजना जल संसाधन विभाग रायपुर (छ.ग.)

V-17: 411	(2)
71411	217

11971, 19119/ ********************************	रायपुर,	दिनांक	*************
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13

" लिच की अभिव्यक्ति"

छत्तीसगढ़ शासन, जल संसाधन विभाग सूक्ष्म सिंचाई (ड्रिय/स्प्रिंकलर) के विभिन्न कार्यों जैसे "सर्वेक्षण, डिजाइन, सामग्री की आपूर्ति, स्थापना, परीक्षण एवं चालू करने के लिए सिविल कार्य जैसे इंटेक तथा जैक वेल स्ट्रक्वर्स एवं इंटेक पाईप, सम्यवेल, ओव्हर हेड पम्प हाउस, पंपिंग मशीनरी, एच.डी.पी.ई./पी.व्ही.सी. पाइप के वितरण नेटवर्क का निर्माण तथा 05 वर्ष तक प्रणाली का संचालन एवं अनुस्क्षण कार्यों के साथ—साथ योजना के कमांड क्षेत्र में हितग्राहियों को जागरूकता, शिक्षण तथा प्रशिक्षण" कार्य के लिए फर्म/एजेंसी के इम्पनलमेंट करने हेतु रूचि की अभिव्यक्ति आमंत्रित करता है"।

भारत के अग्रणी फर्म / संस्थाओं से जिन्हे शासन की संस्थाओं में समान प्रकृति के कार्यों का अनुभव हो, तीन श्रेणियों I) 200 हेक्टेयर तक, II) 500 हेक्टेयर तक तथा III) 500 हेक्टेयर से अधिक क्षेत्र में उपरोक्त वर्णित कार्यों के लिए सूचीबद्ध करने हेतु रूचि की अभिव्यक्ति आमंत्रित की जाती है।

"रूचि की अभिव्यक्ति" के अंतर्गत प्राप्त प्रस्तावों का निर्धारित अर्हता के अनुसार आँकलन कर पात्र फर्म/संस्थाओं की सूची तैयार की जाएगी। इन पात्र फर्म/संस्थाओं से कार्य की आवश्यकता के अनुरूप विभाग के मापदण्डों एवं निहित शर्तों के आधार पर प्रस्ताव मंगाए जाएगे।

उपरोक्त कार्य में इच्छुक फर्म/संस्थाओं को कार्य से संबंधित अनुभव की पूरी जानकारी प्रस्तुत करनी होगी। प्रस्ताव में पिछले पांच वर्षों के वित्तीय टर्न ओव्हर, कार्य में अपेक्षित अनुभव के अभिलेखों सहित विवरण निम्नांकित प्रारूप में प्रस्तुत करना होगा :-

- अ. एजेन्सी / फर्न का नाम
- ब. स्थापना का वर्ष
- स. पत्र व्यवहार हेतु पता, फोन नं., ईमेल आई.डी. एवं वेबसाईट का विवरण
- द. एजेन्सी / फर्न के अनुभव की जानकारी (वर्षों में)
- इ. सूक्ष्म सिंचाई कार्च के पिछले पाँच वर्षों का वित्तीय टर्नओवर का विवरण

- हा स्वास्त्र के अन्तर र उपक्रमों में स्कून सिंवाई (ड्रिप निस्तर) ग्रणाली की स्थापना **के अनु**भव का विद्यरण
- ा हितमाहियों को सूक्ष्म सिंघाई के प्रति जागरूकता, प्रेरणा तथा प्रशिक्षण के संबंध में अनुभव संबंधी विवरण।

उपरोक्त बिंडु क्रमांक इ, फ और ग के विवरण के लिए निविदा पूर्व अर्हता संबंधी प्रावधान देखें।

आवेदन

- परियोजना एवं कार्य से संबंधित विस्तृत विवरण छत्तीसगढ़ शासन, जल संसाधन विभाग की विभागीय देवसाइट पर http://wrd.cgprocurement.gov.in. दिनांक :— से देखा जा सकेगा।
- 3. किसी भी या सभी फर्म/संस्थाओं से प्राप्त प्रस्तावों को बिना कोई कारण बताये निरस्त करने का सर्वाधिकार विभाग के पास सुरक्षित रहेगा।
- 4. व्यक्तिगत् रूप से प्रस्तुत की गई "रूचि की अभिव्यक्ति" स्वीकार नहीं की जावेगी।

मुख्य अभियंता, महानदी परियोजना, जल संसाधन विभाग, रायपुर (छ.ग.)

Office of The Chief Engineer Mahanadi Project Water Resources Department Raipur (C.G.)

Notice No.

Raipur, d	lated	
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EXPRESSION OF INTEREST (EOI)

Government of Chhattisgarh, Water Resources Department invites Expression of Interest for empanelment of firms/agencies for the work of "Survey design, supply, installation, testing and commissioning along with the civil works such as intake structure, intake pipe, sump well, over head pump house, pumping machineries, including supply and erection of HDPE/PVC pipe distribution network with micro (drip/sprinkler) irrigation system and operation and maintenance of the system for Five years including awareness building, motivating and training of the beneficiaries."

The expression of interest (EOI) is hereby invited from Indian leading firms/agencies for empanelment for the above mentioned works having experience of establishing micro irrigation works with Govt. organizations under three categories I. upto 200 Ha. and II. upto 500 Ha. and III. More than 500 Ha.

The EOI received would be evaluated and short-list of qualified firm/organization will be prepared. The proposal for requirement of work according to criteria and guide line of department will be requested from shorlisted firm/organization.

The interested firm/agency should furnish full information about their experience in relevant activities to be expressed in hectare, financial turnover for last 5 years supported by documentary proof in the format as under:-\

- a) Name of Organization/firm
- b) Year of Incorporation
- c) Address of correspondence & contact No. with e-mail ID and website
- d) Total experience of the firm (in No. of Years)
- e) Financial turnover of Micro irrigation work in last five years.
- f) Details of experience of establishing drip irrigation system with government departments or public under takings.
- g) Detail of experience in the field of mass awareness, motivation and training of the beneficiaries.

For information under e, f and g above, please refer pre qualification criteria.

Application

- 3. All rights to reject any or all the responses received, without assigning any reason whatsoever, are reserved.
- 4. Expression of Interest submitted in person will not be accepted.

Chief Engineer
Mahanadi Project
Water Resources Department
Raipur (C.G.)

Pre Qualification Criteria for Empanelment

1. The WRD wishes to empanel the firm/agency who have expertise in the field of pipeline network and drip micro irrigation network in three categories:-

Category - Area of Micro Irrigation

I - Upto 200 Ha

III - More than 500 Ha

Mandatory qualifying criteria are (i) Financial turnover, (ii) Experience in the field of establishing drip micro irrigation stem and operation & maintenance and (iii) experience in the field of mass awareness, motivation and training of the beneficiaries for drip micro irrigation system.

Joint ventures are not allowed.

Financial turnover

The firm/agency should have a minimum financial turnover of micro irrigation network system and its operation & maintenance in a year during last 5 year from 2012-13 to 2016-17 (10% weightage per year shall be given to bring the financial turnover to the present price level.)

The Category wise minimum turnover required is as under :-

Category	270	Value of turn over
1	1.00	Rs. 2:00 Crore
11	<u>×</u>	Rs. 5.00 Crore
111	-	Rs. 8.00 Crore

Experience

(i) The participating firm/agency should have a minimum experience in establishing drip or sprinkler micro irrigation network system in a year during last 5 year from 2012-13 to 2016-17as under

Category	-	Minimum Project Size
1		100 Ha.
11	-	300 Ha.
111	-	500 Ha.

ANNEXURE - I

Financial Turnover of Micro Irrigation Project of the Firm/Agency during last five years

Rs.in lakhs

(JT	4	ω	2			C. N	
					2		Name of Firm/Agency
2016-17	2015-16	2014-15	2013-14	2012-13	ω	Financial Year	
					4	Financial Turnover of Micro Irrigation Works	Financial Turnover as per
1.10	1.21	1.33	1.46	1.61	O	Weightage	er as per TDS
3.				7	o	Financial Turnover Including weightage	
						7	Remarks

Signature (Seal)

lead to disqualification. Copy of Saral/acknowledgement of IT return is compulsory, non submission of any year's Saral/ acknowledgement of IT return may

9

Details of work experience in last five years

S.No.	Financial Year	Related Department	Area developed in Micro irrigation system	Remarks
1	2	3	4	5
1	2012-13			
2	2013-14		¢:	
3	2014-15			
4	2015-16		41	
5	2016-17			

Signature (Seal)

Note:- 1. Above details should be supported by relevant documents duly self attested. Certificates of physical works shall be certified by the officer not below the rank of Executive Engineer.

2. Experience of only government or public undertaking organizations shall be considered.

Details of mass awareness and training experience in last five years

S.No.	Financial Year	Related Department	Remarks
1	2	3	4
1	2012-13		
2	2013-14		
3	2014-15	¥	
4	2015-16		
5	2016-17		

Signature (Seal)

Note:- 1. Above details should be supported by relevant documents duly self attested. Certificates of physical works shall be certified by the officer not below the rank of Executive Engineer.

2. Experience of only government or public undertaking organizations shall be considered.

GOVERNMENT OF CHHATTISGARH WATER RESOURCES DEPARTMENT



O.S.D.
Water Resources Depti
Mactralava, Nava Raicur (i

REQUEST FOR PROPOSAL

FOR

ASSIGNMENT OF AGENCY

FOR

MICRO IRRIGATION PROJECT

AT

CHIEF ENGINEER

WATER RESOURCES DEPARTMENT
-----(CG)

ABBREVIATION '

CG	CHHATTISGARH
WRD	WATER RESOURCES DEPARTMENT
EOI	EXPRESSION OF INTEREST
GOI	GOVERNMENT OF INDIA
RFP	REQUEST FOR PROPOSAL
DPR	DETAILED PROJECT REPORT
MI	MICRO IRRIGATION
REOI	REQUEST FOR EXPRESSION OF INTEREST
MOEF	MINISTRY OF ENVIRONMENT & FOREST
DD	DEMAND DRAFT
FDR	FIXED DEPOSIT RECIEPT
NEFT	NATIONAL ELECTRONIC FUND TRANSFER
RTGS	REAL TIME GROSS SETTLEMENT
BG	BANK GAURANTEE
PQ	PRE QUALIFICATION
CBS	COST BASED SELECTION
CV	CURRICULUM VITAE
GC	GENERAL CONDITION
SC	SPECIAL CONDITION
ITO	INCOME TAX OFFICERS
PAN	PERMANENT ACCOUNT NUMBER
IT	INCOME TAX
ST	SERVICE TAX

INDEX

S.No.	Contents	Page No.
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3	Request for Proposal	7-9
4	General Information	10-13
5	Financial Offer	14
6	Payment Schedule	15
7	General Conditions of contract	16-26
8	Specifications	27
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OFFICE OF THE CHIEF ENGINEER

WATER RESOURCES DEPARTMENT -----(C.G.)

Memo No.		ated/
To,		
1.	***************************************	
2.	******************************	
3.		
4.		
well, over h HDPE/PVC	Request of Proposal for Survey design, supply, instanting along with the civil works such as intake structure, head pump house, pumping machineries, including supplied pipe distribution network with micro (Drip) irrigation systemance of the system for Five years including awareness g of the beneficiaries in Ha area of	intake pipe, sump ply and erection of stem and operation building, motivating
Dear		
Dear		
establishing	n reference to the above your company was empanelled good drip micro irrigation system including operation & maintenar awareness, motivation and training for area.	in category for nce for 5 (years) along
Gove (RFP) for th (RFP) is en	vernment of Chhattisgarh, Water Resources Department invites he work mentioned in the subject above. The document for the aclosed.	s Request of Proposal e Request of Proposal
Resources through sp accepted.	ar proposal should reach in the office of the Chief Enginee Department (C.G.) on or before up to 5:30 Ptoeed post/registered AD only, The proposal received through The proposal received after the last date shall be rejected. Mathall not be accepted.	M in a sealed envelope n courier shall not be
5 00 lakhs	e agency shall have to submit earnest money of Rslak and Rs. 8.00 lakhs for category I, II and III respectively) in the for I bank in favour of Executive Engineer,	orm of DD / FDR of any
Executive	demand draft of value Rs. 10000.00 Rupees (Rs. Ten thous Engineer,(C.G.) f cost of RFP document, which is not refundable.	sand only) in favour of should be submitted on
financial r	emand draft vouchers for earnest money and cost of documer proposal should be submitted in separate sealed envelopes Cost of Document' and 'Financial Proposal' on envelopes. The	clearly written 'Earnest

15

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submitted in an outer envelope clearly indicating the work for which the RFP is invited duly signed by the agency.

All rights are reserved to reject any or all responses received without assigning any reason.

Sincerely

Chief Engineer

Water Resources Department, Raipur (C.G.)

KEY - DATES

S.N.	Date	Events
1		Letter of Invitation
2		Date of submission of proposal
3		Opening of Financial Offer

1.0 REQUEST FOR PROPOSAL

1.1 Name of work: Request of Proposal for Survey, design, supply, installation, testing
and commissioning along with the civil works such as intake structure, intake pipe,
sump well, over head pump house, pumping machineries, including supply and erection
of HDPE/PVC pipe distribution network with micro (Drip) irrigation system and operation
& maintenance of the system for Five years including mass awareness, motivating and
training of the beneficiaries in Ha. area of
1.2 Description of Work:

1.3 Time Period – The time allowed for the completion of above narrated work excluding work of operation and maintenance is ——— months including rainy season from the date of issue of work order.

1.4 Scope of Assignment

- i. The agency should make itself well aware of the site so as to prepare right kind of submission of proposal.
- ii. Conducting contour survey at an interval of §.50 M. including field boundaries of individual farmer, collection of necessary data, crop and water details etc.
- iii. Preparation of detailed design, drawings and cost estimate of all items.

 Preparation of DPR including financial viability of the project.
- iv. Proposal should be planned for installation, testing and commissioning of suitable pressure irrigation system including pipe network, drip irrigation system on each flank as per the designs approve by water resources department for approximate ----- Ha.
- v. Proposal should include sufficient fertilizer and pesticide carrying system for all blocks of drip irrigation system separately. The cost of fertilizer and pesticide shall be borne by the beneficiaries.

- vi. Supply and fixing of electrification facility required for all units of pumping stations including electric poles, wire, cables and transformers etc.
- vii. Minimum 50% standby provision for pumps should be kept at all pumping units.
- viii. During execution of work energy charges shall be borne by the agency.
 - ix. Operation & maintenance of system for Five years after completion of the work excluding energy and water charges.
 - x. For providing training and awareness to the beneficiaries in the project area, building for training/education on each flank shall be constructed with all necessary amenities to accommodate 150 persons.
 - xi. Training and educating the beneficiaries in order to adopt and adapt drip micro irrigation system.
 - xii. The training activities should be programmed *pari passu* with the work of micro irrigation system.

1.5 Deliverables

- i) Development of pressure based drip micro irrigation network system including intake structures and distribution network complete in all respects on both flanks of the river with combined area of ------ Ha.
- ii) Commissioning of the project as envisaged in the RFP with all its components functioning normally to the satisfaction of Engineer-in-charge.
- The responsibility of operation & maintenance (O&M) of the system during irrigation and non-irrigation periods for five years is embedded in the scope of work. The objective of an efficient O&M of pressurized irrigation system is to provide irrigation water as per quality and quantity with adequate pressure at designated place and time.

The operation part refers to timely and daily operation of the components of micro irrigation system such as pumping stations, rising and gravity mains,



part deals with the act of keeping the structures, plants machineries & equipments, other facilities etc. In optimum working conditions it also includes replacements, correction of defects, preventive and breakdown maintenance works. The agency shall have to deploy sufficient numbers of skilled staff for the purpose for full O&M period of five years.

The agency is required to prepare O&M plan and submit to the Engineer in Charge for approval at least 6 months prior to the stipulated date of completion of the contract.

- flank for approximate 150 persons. The building shall have RCC roof slab and vitrified tiles flooring with all necessary amenities including water supply, electrification, toilets and pantry as per approved drawings.
- v) Motivation and inspiration of the beneficiaries to adopt and adapt the concept and practice of micro irrigation system is one of the most important aspects of the project implementation. In order to achieve this awareness and proper training programme shall be put forth and diligently executed with services of qualified and experienced trainer and support staff. Such programmes shall preferably be prepared in local dialect and language.
- vi) While executing the project, a pilot area of 2-5 Ha shall be selected within the project area for developing drip micro irrigation system for demonstration to the beneficiaries. The agency shall arrange frequent visits of the beneficiaries so that they get acquainted with system ahead of adopting it.

2.0 General Information

2.1 General

- The agencies empanelled in water resources department are invited to submit a financial proposal for the work of mention in Para 1.1.
- The schedule of quantities to be executed under this RFP is described in Annexure I.

 Certain percentage is assigned to different components of the work. The agency is expected to offer its financial proposal on the basis of the amount put to RFPI.
- The agencies must familiarize themselves with local conditions while preparing their proposals. To obtain firsthand information on the assignment and on the local conditions, agencies are advised to visit the site before submitting a proposal. Agencies may attend proposal conference as specified in the Key Dates.
- iv. The department shall assist agencies in obtaining licenses, approvals and permits needed to carry out the service.
- Agencies must strictly avoid conflicts with other assignments or their own corporate interests. Agencies shall not be hired for any assignment that would be in conflict with their prior or current obligations to other departments or that may place them in a position of not being able to carry out the assignment in the best interest of the department.

 Without limitation on the generality of this rule, agencies shall not be hired under the circumstances set forth below:-
- vi. Agencies or any of their affiliates shall not be hired for any assignment which by its nature, may be in conflict with another assignment of the agencies.

2.2 Financial Proposal

- i. In preparing the financial proposal, agencies are expected to take into account the requirements and conditions of the project outlined in the RFP document. The financial proposal shall be submitted in Annexure –I. The financial offer shall include GST and other applicable taxes.
- The validity period of the proposal shall be 90 days for category I & II and 120 days for category III from the date of submission of proposal.
- iii. The financial proposal shall be opened by the Chief Engineer, ----- or officer authorized by him in the office of the Chief Engineer, ----- on Date

at ___PM in the presence of agencies or their authorized representative who may choose to be present.

2.3 Conditional proposals shall not be accepted.

2.4 Negotiation

The WRD reserves the right to negotiate with the bidders if in the opinion of department the bid amount is found to be unreasonable. However, it is clarified that such negotiation, if undertaken, shall invariably for decrease in the amount of financial offer which the agency has put forth.

2.5 Award of Assignment

The RFP shall be assigned to the lowest bidding agency.

2.6 Execution of Agreement

After execution of agreement this RFP shall be deemed as an agreement of contract between two parties. The agency under agreement shall henceforth act as a contractor vis-a-vis the clauses of the RFP document under agreement.

2.7 Deposit of Earnest Money

i. Earnest Money for Agency

The intending agency shall remit the Earnest Money in the form of DD /FDR of the scheduled bank in favour of the Executive Engineer------

It will be the responsibility of the agency to get the validity of the DD / FDR extended at least one month prior to the expiry date failing which the DD / FDR shall be redeemed by the Engineer-in-charge.

ii. Validity of Earnest Money Deposit

The Earnest Money Deposit shall be valid for a period not less than twelve months from the stipulated last date of submission of tender.

iii. Receipt of Earnest Money

No proposal shall be received without an instrument of Earnest Money as indicated in para 5 of the Letter of Invitation, in a separate sealed cover marked as Envelope-A duly super scribed. The earnest money will be returned to the unsuccessful agencies.

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2.8 Payment schedule

The payment to the agency shall be according to payment schedule appended in Annexure – II. A certain percentage is allocated to each component of the work as depicted in Annexure – II.

Each component shall further be sub divided for releasing running payment of any intra component part. Payment schedule of intra component shall be approved by the Chief Engineer. Such approved payment schedule shall form the part of agreement.

2.9 Security Deposit

The Security Deposit @ 5.0% from each payment shall be deducted from bills.

2.10 All dues will be payable by the Agency

All dues regarding GST and other applicable taxes levied shall be payable by the agency.

2.11 Taxes

- i. 2% GST (1% SGST and 1% CGST) shall be deducted as TDS from bills.
- Income tax on any sum payable to the agency shall be deducted at source (TDS) as per prevailing rates.
- iii. 1% cess shall be levied as per section 3 of Building and other construction workers 1996 Act.

2.12 Model Rules for Labour Camps

The agency will be bound to follow the Model Rules relating to layout of water supply and sanitation in labour camps (vide Annexure-IV).

2.13 Fair Wages

The agency shall not pay less than fair wages to labourers engaged by him on the work (copy of rules enclosed vide Annexure-V).

2.14 Submission of Income Tax Clearance Certificate

No proposal will be considered unless it is accompanied by a latest income tax certificate from the Income Tax Officer concerned (specimen of this form is appended hereto vide (Annexure-VI) or a certificate from the Income tax authority that the assessment is under consideration.

2.15 Removal of Unsuitable or Undesirable Employees of Agency

The agency shall on receipt of the requisition from the Engineer-in-Charge at once remove any person employed by him on the work, who, in the opinion of Engineer-in-Charge is unsuitable or undesirable in the interest of the work.

2.16 Recovery of Amount Dues

Any amount due to Government from the agency on any account may be recovered from him, as arrears of land revenue.

2.17 Variation in cost

No variation in cost due to increase or decrease in quantities of any component of schedule as per Annexure – I is allowed with respect to the area for which drip micro irrigation system is to be established.

However, in case of increase or decrease in the quantities of the components is effected due to increase or decrease in more than 10% area of micro irrigation system under agreement, the cost of project shall be modified accordingly on pro-rata basis. Such variation in cost shall be approved by the accepting authority.

2.18 No Claims for Price Adjustment

No claims for price adjustment / escalation whatsoever shall be entertained.

2.19 Identity Card to the Employee

Each employee of the agency related with the work shall have bona-fide Photo Identity Card duly signed by the Engineer-in-charge.

2.20 Tools and Plants

The agency shall be liable to arrange the special and ordinary tools and plants required for the said work at his own cost.

3.0 Financial Offer

Name of work: Request of Proposal for Survey, design, supply, installation, testing and
commissioning along with the civil works such as intake structure, intake pipe, sump well, over
head pump house, pumping machineries, including supply and erection of HDPE/PVC pipe
distribution network with micro (Drip) irrigation system and operation and maintenance of the
system for Five years including mass awareness, motivating and training of the beneficiaries
inHa. area of

Amount of PAC: Rs.		
	>	
Our financial offer for the above work (all components) is Rs.	(j	n
wordsonly)		

signature of authorized signatory (seal of firm/agency)

3.0 Financial Offer

Name of work: Request of Proposal for Survey, design, supply, installation, testing and
commissioning along with the civil works such as intake structure, intake pipe, sump well, ove
head pump house, pumping machineries, including supply and erection of HDPE/PVC pipe
distribution network with micro (Drip) irrigation system and operation and maintenance of the
system for Five years including mass awareness, motivating and training of the beneficiaries
inHa. area of
395
Amount of PAC: Rs lakhs
Our financial offer for the above work (all components) is Rs (in
wordsonly)

signature of authorized signatory (seal of firm/agency)

3.1 Payment Schedule

S.No.	Description of Components	Percentage Assigned	PAC Amount	Payment Schedule for
1	2	3	4	5
1,	Survey, contour plan, preparation of design & drawings, cost estimates of various components and its approval.	5	8	
2.	Construction of all civil works e.g. intake and jack wells, training facility buildings etc. complete with all respects.	15		
3.	Supply and installation of required numbers of pumps with accessories complete with all respects.	5		
4.	Supply and installation of electrification of all pumping stations including electrical poles, wire & cables wire & cables, transformer and other accessories complete with all respects.	5		
5.	Supply and installation of main and distribution HDPE/PVC pipe network complete with all respects.	20		·
6.	Supply and laying of drip micro irrigation network system complete with all respects.	20		
7.	Mass awareness, motivation and training of beneficiaries complete with all respects	20		
8.	Operation and maintenance of the system for 5 years (five years) complete with all respects.	10		
	Total	100		

Lowest financial of (in wordsof the amo	HEI OI WING)which is	for Rs%(in words
			Accepting Authority
I/we hereby agree	to execute the above work in	all respect in amo	unt as quoted below :-
Agency's amount 1. In figures 2. In words	Rs		

signature of authorized signatory (seal of firm/agency)

4.0 GENERAL CONDITIONS OF CONTRACT

4.1 General

4.2 Definition and Interpretation

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- i. "Applicable law" means the laws and any other instruments having the force of law in the State of Chhattisgarh and Government of India, as they may be issued enforce from time to time.
- "Contract" means the contract signed by the parties, to which these general conditions of contract (GC) are attached, together with all documents listed in clause 1 of such signed contract;
- iii. "Contract Price" means the price to be paid for the performance of the services, in accordance with clause 6;
- iv. "GC" means these General Conditions of contract;
- v. "Party" means the department or the Agency s; as the case may be, and parties means both of them;
- vi. "Personnel" means persons hired by the Agencies or by any sub-Agency as employees and assigned to the performance of the services or any part thereof;
- vii. "SC" means the special conditions of contract by which these general conditions of contract may be amended or supplemented.
- viii. "Service" means the work to be performed by the Agencies pursuant to this contract as described in Appendix A;
- ix. "Sub-agency" means any entity to which the Agency, subcontract any part of the work in accordance with the provisions of clauses 3.5 and 4.
- x. "Member", in case the agency consist of a joint venture of more than one entity, means any of these entities, and "Members" means all of these entities; "Member in Change" means the entity specified in the SC to act on their behalf in exercising all the Agency s' rights and obligations towards the department under this contract;
- xi. "Government" means the government department country.

4.3 Law Governing the Contract

This contract, its meaning and interpretation, and the relation between the parties shall be governed by the Applicable Law.

4.4 Notices

Any notice, request or consent made pursuant to this contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the party to whom the communication is addressed, or when sent by registered mail, fax, telegram to such party at the address specified in the special condition.

4.5 Location

The services shall be performed at such locations as are described Para - 1.2 in and, where the location of a particular task is not so specified, at such locations, as the department may approve.

4.6 Authorized Representatives

Any action required or permitted, to be taken and any document required or permitted to be executed under this contract by the department or the agencies may be taken or executed by the officials specified in the SC.

4.7 Effectiveness of Contract

This contract shall come into effect from the date of issue of work order.

4.8 Expiration of Contract

The time period for the execution of this assignment is indicated in para 1.3. The period of 5 years operation and maintenance shall commence only after the physical completion of the work.

4.9 Modification

Modification of the terms and conditions of this contract, including any modification of the scope of the services or of the contract price limited to 10% in excess of the cost approved by the government may only be made by written agreement between the parties.

4.10 Force Majeure

Failure in performance due to Force Majeure of any part of this contract arise from war, insurrection, restraint imposed by Government act of Legislature or act of God or any inevitable or unforeseen event beyond human control, directly or indirectly interfering with the execution of work or from any cause, which may be reasonable ground for an extension of time, the competent authority shall allow such additional time as he considers to be justified in the circumstances of the case.

4.11 Mobilization advance



4.12 Recovery of advance

Recovery of mobilization advance shall start when payment of cost of 15(fifteen)% of civil works and work of micro irrigation system is paid (the cost of operation and maintenance is excluded)and recovery of total advance should be completed by the time payment of 80(eighty) % of the work (the cost of operation and maintenance is excluded) is executed or when 75% (seventy five percent) of stipulated or validly extended period is over; whichever is earlier.

4.13 Reporting Requirements

The reporting requirements of the agency's work shall be as given below the draft reports, progress reports and other interim documents shall have to be submitted in 10 copies.

- i. The agency shall submit a detailed work plan expanding all activities of his proposals and outlining specific methods of approach. The work plan will also provide a detailed task bytask time schedule in weeks for the entire contract period. Major differences from similar information presented in the entitle proposal and from time schedule provided in other section of TOR shall be explained. The report should be submitted within one month of the commencement of work.
- ii. The agency after reviewing and collecting the available data shall submit methodology to be adopted for different tasks for review and approval of Chief Engineer, Mahanadi Project, and such report shall be submitted within two month of commencement of the work.
- iii. An intermediate report shall be submitted every month from start of of work indicating the details of progress for each activity of work.
- iv. As soon as the case submission to Ministry of Environment & Forest New Delhi, including presentation to the Nodal agencies, it should immediately be communicated to the Chief Engineer, Mahanadi Project Raipur, along with this immediate action for getting clearance from MOEF is to be taken.
- v. Preparation of DPR after approval of the drawing of various competent of the project by competent authority within 1 month from award of Contract.

Extension of Time 4.14

- If the Contractor shall desire an extensions of time for completion of work on ground of his 4.15 having been "unavoidably" hindered in its execution or on any other ground, he must apply giving all and complete details of each of such hindrances or other causes in writing to the Engineer-In-Charge positively within 15 (Fifteen) days of occurrence of such hindrances and seek specific extension of time mentioning the period. If the contractor fails to make application within above stipulated time, his application shall not be entertained.
 - In case the grounds stated by the contractor are reasonable, following officers shall be competent to decide cases for grant of extension:-

a. Executive Engineer

3 months

b. Superintending Engineer

12 months

(Including the 3 month time extended by the Executive Engineer)

c. Chief Engineer

Full Powers

- If the extension of time sought is more than 3 months, then the Executive Engineer shall ĬĬ. refer the case to the competent authority with his recommendation and only after later's decision in this regard, the Executive Engineer shall sanction extension of such time as decided by the Competent Authority.
- 4.16 Compensation for delay The time allowed for carrying out work as entered in the RFP shall be strictly observed by the agency and shall be reckoned from the date on which the order to commence the work is given to the agency. The work shall throughout the stipulated period of the RFP be proceeded with all due diligence.

To ensure good progress during the execution of the work the agency shall be bound in all cases in which the time allowed for any work exceeds one month to complete one sixth of the whole of the work before one fourth of the whole time allowed under the agency has elapsed, two fifth of the work before one half of such time has elapsed, and three fourth of the work before three fourth of such time has elapsed.

In the event of the agency failing to comply with this condition it shall be liable to pay as compensation an amount equal to 1.00 percent of the contract amount of the work or such smaller amount as the Executive Engineer/Superintending Engineer/Chief Engineer may decide on the amount of tender for every day that the work remains uncommenced or unfinished after proper dates.

Where the Engineer-in-Charge decides that the agency is liable to pay compensation for not giving proportionate progress under this clause and the compensation is recommended during the intermediate period, such compensation shall be kept in deposit with the government.

Provided that, it shall be refunded if the contractor subsequently makes up the progress for the lost time, within the period of contract including extension granted, in case of failure the compensation amount shall be forfeited in favour of the Government.

Note: The effectiveness of the above clause is exclusive of the cost of operation and maintenance.

4.17 Default by the agency

The Executive Engineer may terminate the contract if the agency causes a breach of the contract. Grounds for termination for breach of contract which shall include, but not be limited to, the following:-

- The agency stops work for four weeks, when no stoppage of work is shown on the work programme or the stoppage has not been authorized by the Executive Engineer.
- The Executive Engineer gives notice to correct a particular defect and the agency fails to correct it within reasonable period of time as determined by the Executive Engineer in the said notice.
- iii. The agency has delayed the completion of work by more than the 24 weeks. The delay is not attributable to the department,
- iv. If the agency to appoint the technical staff and staff for imparting awareness and training programme.
- v. If the agency violates labour laws,
- vi. If the agency obtains a contract with Department as a result of wrong tendering or other non-bonafide methods of competitive tendering.
- vii. If the agency being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do,

or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors.

- If the agency being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.
 - ix. Any other deficiency which goes to the root of the contract performance.

4.18 Termination

- The agreement shall be terminated if the agency fails to give satisfactory reply within the given time limit. The letter to this effect shall very clearly (in speaking way) state therein the reason/reasons for termination, details of show cause notice and the reply, if so received.
- ii. The Executive Engineer shall cause recording and checking of measurements of all items of work done (taking into account quality and quantity of items actually executed) and prepare the final bill after adjusting all pervious outstanding dues. Such recording of measurements shall be done after due notice regarding time and date of recording measurement and directing the contractor to either remain present himself or his authorized representative so as to satisfy himself that the recording of measurement is just and proper. Failure on his parts either to attend and or refusing to acknowledge the measurement so recorded in the department measurement book, shall be at his sole risk and responsibility.
- The Executive Engineer shall forfeit the earnest money and security deposit and further recover/deduct a compensation @ 10% (ten percent) of the balance amount of contract either from the bill, or from any other available security/performance guarantee of contract with the department or shall be recovered as "Arrears of land revenue"
- iv. If the contract is terminated, the agency shall stop work immediately, make the site safe and secure and leave the site as soon as reasonably possible.
- v. Provided that, the powers conferred upon the Executive Engineer shall have become exercisable and the same shall not be exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding

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be exercisable in the event of any future case of default by the for which by any clause or clauses hereof he is declared liable to pay compensation shall remain unaffected.

Provided further that, In the event of the Executive Engineer putting in force he may, if he so desires, take possession of all or any tools, plant materials, and stores in or upon the works, or the site thereof or belonging to the contractor or procured by him and intended to be used for the execution of the work or any part thereof paying or allowing for the same in account at the contract rates, or in case of these not being applicable, at current market rates to be certified by Executive Engineer, whose certificate thereof shall be final; otherwise the Executive Engineer may by notice in writing to the contractor or his clerk of the works foreman or authorized agent require him to remove such tools plant, materials or stores from the premises (within a time to be specified in such notice) and in the event of the contractor failing to comply with any such requisition, the Executive Engineer may remove them at the agency's expense sell them by auction or private sale on account of the agency and at his risk in all respects and the certificate of the Executive Engineer as to the expense of any such removal and the amount of the proceeds and expense of any such sale shall be final and conclusive against the agency.

4.19 Payment upon Termination

Upon termination of this contract the department shall make payments to agency for services satisfactorily performed prior to the effective date of termination;

4.20 Obligations of the Agency:

The agency shall perform the services and carry out their obligation hereunder with all the due diligence, efficiency and economy, in accordance with generally accepted professional techniques and practices, and shall observe sound management practice, and employ appropriate advanced technology and safe methods. The Agency shall always act, in respect of any matter relating to this contract or to the services, as faithful advisers to the department, and shall at all times support and safeguard the department 's legitimate interests in any dealings with sub-Agencies or third parties.

4.21 Conflict of interest:

i. Agencies Not to Benefit from Commissions, Discounts, etc.

The remuneration of the agencies shall constitute the agency's sole remuneration in connection with this contract or the services, and the agencies shall not accept for their own benefit any trade commission, discount or similar payment in connection with activities pursuant to this contract or to the Services or in the discharge of their obligations

under the contract, and the agencies shall use their best efforts to ensure that the personnel, and sub-agency s, and agents of either of them, similarly shall not receive any such additional remuneration.

ii. Agencies and Affiliates not to be otherwise interested in Project

The agency shall agree that, during the term of this contract and after its termination, the agencies and their affiliates, as well as any sub-Agency and any of its affiliates, shall be disqualified from providing goods, works or services (other than the services and any continuation thereof) for any project resulting from or closely related to the services.

iii. Confidentiality:

The agency, sub-agencies and their personnel of either of them shall not, either during the term or within two (2) years after the expiration of this contract, disclose any proprietary or confidential information relating to the project, the Services, this contract, or the department's business or operations without the prior written consent of the department.

iv. Insurance to be taken out by the Agency:

The agency (a) shall take out and maintain, and shall cause any sub-agencies to take out and maintain, at their (or the sub-agency's, as the case may be own cost but on terms and conditions approved by the department, insurance against the risks, and for the coverage and (b) At the department's request, shall provide evidence to the department showing that such insurance has been taken out and maintained and that the current premiums have been paid.

v. Agency's action requiring department's prior approval:

The agency shall obtain the department's prior approval in writing before taking any of the following actions:

- (a) Entering into a subcontract for the performance of any part of the services.
- (b) Any other action that may be specified by the department.

vi. Documents prepared by the Agencies to be the property of the department:

All plans, drawings, specification, designs reports and other documents and software submitted by the agency shall become and remain the property of the department and the agencies shall, not later than upon termination or expiration of this contract, deliver all such documents and software to the department, together with a detailed inventory thereof. The agencies may retain a copy of such documents and software Restrictions about the future use of these documents, if any.

4.22 Agency's Personnel

The agency shall intimate in writing to the department within 15 days after the issue of work order, the names, qualifications, experience, addresses, emoluments and other particulars regarding its principal technical personnel both for civil works and drip micro irrigation works to be in charge of the work and other supervisory staff. Similarly the names, qualification and experience shall be intimated to the department for in charge of awareness and training programmes.

In case the contractor fails to employ the technical staff and trainers within one month of the issue of work order, a minimum fine off Rs. 50000/- per month shall be imposed which is recoverable form his bills.

4.23 Removal and or Replacement of Personnel

- i. Except as the department may otherwise agree, no changes shall be made in the key personnel. If, for any reason beyond the reasonable control of the agency, if becomes necessary to replace any of the key personnel, the agency shall forthwith provide as a replacement a person of equivalent or better qualification.
- ii. If the department finds that any of the personnel have (i) committed serious misconduct or has been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the personnel, then the consultants shall, at the department's written request specifying the grounds there for, forthwith provide as a replacement a person with qualifications and experience acceptable to the department.
- The agencies shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of personnel.

4.24 Change in the Applicable law

If, after he date of this contract, there is any change in the applicable law with respect to taxes and duties which increases or decreases the cost of services rendered by the agency, then the remuneration and reimbursable expenses otherwise payable to the agency under this contract shall be increased or decreased accordingly by agreement between the parties, and corresponding adjustments shall be made accordingly.

4.25 Bill to be submitted monthly

A bill shall be submitted by the contractor in the prescribed form each month on or before the date fixed by the Engineer-in-charge for all work executed in the previous month and the Engineer-in-charge shall take or causes to be taken the requisite measurement, for the purpose of having the same verified and the claim as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill.

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If the Contractor does not submit the bill within the time fixed, as aforesaid, the Engineer-in-charge may depute a subordinate to measure up the said work in presence of the Contractor whose countersignature to the measurement list will be sufficient warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the Contract

4.26 Price Adjustment

No claim for price adjustment on account of increase or decrease in the cost of work shall be entertained.

4.27 Terms and conditions of Payment:

Payments will be made to the account of the agency according to the payment schedule stated in Annexure - I. The events contained in each component of the schedule shall further be subdivided to facilitate the smooth flow of payments. Such detailed payment schedule shall be approved by the Chief Engineer.

4.28 Disputes and Arbitration:

Except as otherwise provided in this contract all question and dispute relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned as to thing whatsoever in any way, arising out of or relating to the contract, designs, drawings, specifications, estimates, concerning the works, or the execution or failure to execute the same, whether arising during the progress of the work or after the abandonment thereof shall be referred to the "Superintending Engineer" for his decisions within a period of 30 (Thirty) days of such an occurrence(s). There upon the Superintending Engineer shall give his written instruction and / or decisions, after hearing the contractor and Executive Engineer within a period of 15 (fifteen) days of such request. This period can be extended by mutual consent of the parties.

Upon receipt of written instruction or decision, of Superintending Engineer parties shall promptly proceed without delay to comply such instruction or decision. If the Superintending Engineer fails to give his instruction or decisions in writing within a period of 15 (fifteen) days or mutually agreed time after being requested and/or, if the parties (s) is/are aggrieved against the decision of the Superintending Engineer, the aggrieved party may within 30 days refer an appeal to the Chief Engineer who shall afford an opportunity to the parties of being heard and to offer evidence in support of his appeal. The Chief Engineer will give his decision within 30 (thirty) days, or such, mutually agreed period.

If any party is not satisfied with the decision of the Chief Engineer, he can, file a petition for resolving the dispute through arbitration in the arbitration tribunal.

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A reference to Arbitration Tribunal shall be no ground for not continuing the work on the part of the Contractor. Payment as per original terms and condition of the agreement shall be continued by the Executive Engineer.

4.29 Final Certificate

On completion of the work the agency shall be furnished with a certificate by the Engineer- in-charge of such completion, but no such certificate shall be given nor shall the work be considered to be complete until the agency shall have removed from the premises on which the work has been executed all surplus materials, debris, rubbish, scaffolding and cleaned off the site and others parts of any building or structures or of which he may have had possession for the purpose of the execution thereof or until the work shall have been measured by the Sub Divisional Officer, Executive Engineer (Herein - after called Engineer-in-charge) whose measurement shall be binding and conclusive against the agency. If the agency fails to comply with the requirements of this clause on or before the date fixed for the completion of work, The Engineer-in-charge may at the expense of the agency remove surplus materials, debris, rubbish, scaffolding and cleaned off the site and disposes off the same as he thinks fit. The agency shall forthwith pay the amount of all expenses so incurred and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realised by the sale thereof.

4.30 Completion Certificate

The time for operation and maintenance shall commence immediately after issuing the above completion certificate (CC).

This CC may be used for providing information under similar work (excluding operation & maintenance) in any EOI/RFP/tender works for micro irrigation called by Water Resources Department.

After completion of O&M period, certificate to the effect of closure of this agreement shall be issued.

Executive Engineer.

5.0 Specifications of Micro (Drip) Irrigation

The water requirement of crops to be considered is 0.87 LPS / Ha in case of drip irrigation systems, considering available electricity hours 16 hrs / day.

Drip System should be surface drip irrigation system at 4 feet (1.2mtr) lateral spacing with PC / NPC Inline lateral of 16mm diameter with 0.60 LPH to 2.4 LPH dripper discharge at every 40cm dripper spacing.

Drip Irrigation system should be designed and supply as per GOI and State Govt. quidelines.

PVC for Main and Sub main Pipes should be as per IS-4985 standards.

- 5.1 Trenching and Backfilling of the Main/Sub main Pipes: Trenching and backfilling of the mainline and sub mainline pipes should be done as per standard practice and as directed by ing Engineer in charge.
- Lateral and Accessories: 1. Plain lateral of 16 mm size of Class 2 as per IS1286:1989 with latest amendments 2. Inline lateral of 16 mm size with Pressure Compenseting or Non Pressure Compensating Dripper of 0.60 LPH 2.40 LPH at every 40cm spacing of Class2 as per IS 13488:2008 with latest amendments
- 5.3 Filtration and Fertigation Unit:
 1. Self Cleaning suction cleaner filter with required sizes at each block level.
 2. Disc Filter of required size at each block level 3. Fertigation tank of relevant sizes at each block level.
- Valves and Accessories: 1. Air Release Valves as per design requirements 2. Control Valves for the sub main as per design requirement. 3. Flush Valve of the relevant sizes.

5.5 Performance Requirements

Drip manufacturer should:

- i. have empanelment for micro irrigation business in Chhattisgarh.
- ii. have valid BIS License for laterals with sufficient experience.
- iii. be an ISO 9001, ISO 14001 and ISO 18001 certified company.
- iv. have in house testing facilities.

5.6 List of Codes

- i. Polyethylene pipes for laterals (IS 12786: 1989)
- ii. Emitters (IS 13487: 1992)
- iii. Emitting pipes system (IS 13488: 1992)
- iv. Strainer type filters (IS 12785: 1994)
- v. Polyethylene micro tubes for drip irrigation system (IS 14482 : 1997)
- vi. Media Filters (IS 14606: 1998)
- vii. Hydro cyclone separators (IS 14743: 1999)
- viii. PVC pipes for water supply IS 4985 : 1999, IS 4985 : 2000
- ix. HDPE pipes confirming to IS 4984: 1995



ANNEXURE – III FORM OF BANK GUARANTEE

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	(CG)			
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ANNEXURE- IV

MODEL RULES RELATING TO LABOUR, WATER SUPPLY AND SANITATION IN LABOUR CAMPS

Note:- These model rules are intended primarily for labour camps which are not of a permanent nature. They lay down the minimum desirable standard, which should be adhered to standard in permanent, or semi permanent labour camps should not obviously be lower than those for temporary camps.

- 1. Location: The camp should be located in elevated and well-drained ground in the locality.
- 2. Layout: Labour huts to be constructed for one family of 5 persons each. The layout to be shown in the prescribed sketch.
- 3. Hutment facility: The huts to be built of local materials. Each hut should provide at least 20 sq. meter of living space.
- 4. Sanitary Facilities: There shall be provided latrines and urinals at least 16 meter away from the nearest quarter separately for men and women, specially so marked on the following scale.
- 5. Latrines: Pit privies at the rate of 10 users families per seat, separate urinals are not required as the privy can be used for this purpose.
- Orinking Water: Adequate arrangements shall be made for the supply of drinking water. If practicable, filtered and chlorinated supply shall be arranged. Where supply is from intermittent sources, a covered storage tank shall be provided with a capacity of five liters per person per day. Where the supply is to be made from a well, it shall conform to the sanitary standards laid down in the report of the Rural Sanitation, Committee. The well should be at least 30 meter away from any latrine or other sources of pollution. If possible, hand pump should be installed for drawing the water from well. The well should be effectively disinfected once every month and quality of water should be got tested at Public Health Institution between each work of disaffection. Washing and bathing should be strictly prohibited at place where water supply is from a

river. The daily supply must be disinfected in the storage reservoir and given at leas 3 minutes contact with the disinfectant before it is drawn for use.

- Pathing and Washing: Separate bathing and washing places shall be provided for men and women for every 25 persons in the camp. There shall be gap and space of 2 Sqm. of washing and bathing. Proper drainage for the water should be provided.
- Waste Disposal: Dustbins shall be provided at suitable places in camp and the residents shall be directed to throw all rubbish into these dustbins shall be provided with covers. The contents shall be removed every day and disposed of by trenching.

9. Medical Facilities

- a. Every camp where 1000 or more persons reside be provided with whole time Doctor and Dispensary. If there are women in the camp, a whole time Nurse shall be employed.
- b. Every camp where less than 1000 or more than 250 persons reside shall be provided with a Dispensary and a part time Nurse/Midwife shall also is employed.
- c. If there are less than 250 members in any camp, a standard first aid kit shall be maintained in charge of the whole time person, trained in first aid. All the medical facilities mentioned above should be for all residents in the camp, including the dependants of workers, if any, free of cost.
- Sanitary Staff: For each labour camp there should be qualified Sanitary Inspector and Sweepers, Sweepers should be provided on following scale:
- For camps with strength over One sweeper for 75 persons above the first 200 200. But not exceeding 500 for which three sweepers be provided.

 persons
- For camps with strength over One sweeper for every 100 persons above the first 500 for which six sweeper should be provided.

ANNEXUTRE -V FAIR WAGES TO LABOUR

The agency shall pay not less than FAIR WAGE to labour engaged him on the work

Explanation –

- "Fair Wage" means wage whether or any time or piece work as notified at the time of inviting tenders for the work and where such wages have not been so notified., the wages prescribed by the Water 'Resources Department for the division in which the work is done.
- b. The Agency shall, not withstanding the provisions of contract, to the contrary, cause to be paid a fair wage to labourers indirectly engaged on the work, including any labour engaged by his sub-ordinates in connection with the said work, as if the labours had been immediately employed by him.
- c. In respect of labour directly or indirectly employed on the work for the performance of the Agencies part of this agreement, the Agency shall comply with or cause to be complied with the labour act in force.
- d. The Executive Engineer/Engineer-in-Charge, shall have the right to deduct from the moneys due to the Agency any sum required for making good the loose suffered by
- e. The contract of shall be primarily liable for all payments to be made under and for the observance of the regulations aforesaid without prejudice to his right to claim indemnity from his sub-Agency.
- f. The regulations aforesaid shall be deemed to be part of this contract and any breach thereof shall be deemed to be a breach of contract.
- The Agency shall obtained a valid license under the contract labour (Regulation and Abolition) Act. enforce and rules made there under by the competent authority from time to time before commencement of the work and continue to have a valid license until the completion of the work.

Any failure to fulfill this requirement shall attract the panel provisions of this contract arising out of this as resulting in non-execution of the work assigned to the Agency.

ANNEXUTRE -VI

FORM OF CERTIFICATE OF INCOME TAX

- Names and style of Company/Firm/H.U.F. or individual in which the applicant is assessed to Income Tax and address for the purpose of assessment.
- The Income Tax Circle /Ward/District in which the applicant is assessed to Income Tax.
- iii. The following portion concerning the last Income Tax Assessment made :
 - a. Reference No. (or PAN) of the assessment.
 - b. Assessment year and accounting year.
 - c. Amount of total income assessed.
 - d. Amount of Tax assessed I.T., S.T., E.P.T.
 - e. Amount of tax paid I.T., S.T., E.P.T., B.P.T.
 - f. Balance, being tax not yet paid and reasons for such arrears.
 - g. Whether any attachment of certificate of proceeding pending in respect of the arrears.
 - h. Whether the company or firm or H.U.F. on which the assessment was made has been or is being liquidated, wound up, dissolved, partitioned or being declared insolvent, as the case may be.
- iv. The position about latter assessment namely, whether returns submitted under section 22(1) or (2) of the income tax act and whether tax paid under section 18 (A) of the Act and the amount of tax so paid in arrears.
- v. In case there has been no income tax assessment at all in the past whether returns submitted under section 148(1), or (2) and 140 (3) and if so, the amount of income tax returned or tax paid and the Income Tax Circle/Ward / District concerned
- V. The name and address of branch(es)

 Verified the particulars set out above and found correct subject to the following remarks.

Date:-

Seal
Signature of I.T.O.
Circle/Ward/District