

CHHATTISHGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT

(ISO 22000:2005 Certified)

Phone-9203911394

Email: raipurdugdhsangh@gmail.com Website: www.cgcoopdairyfed.in

CGCDF/PUR/JGDP-ETP/5112

Date: -26.12.2017

SHORT TENDER FOR EFFLUENT TREATMENT PLANT

Sealed tenders are invited from reputed parties for supply, erection and installation of new ETP plant including Civil Work at Jagdalpur Dairy on TURNKEY basis. Cost of Tender form Rs.1500.00, postal Charges Rs.250.00 and EMD Rs.30000.00 to be paid through DD in favor of CHHATTISHGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT payable at Raipur. Form will be available up to 03.00PM on 15.01.2018, submission up to 01.00PM on 16.01.2018 and will open at 03.00PM on same date. Rest all information will be viewed on our website www.cgcoopdairyfed.in. Managing Director reserves the right to accept/reject any or all tenders or its part without assigning any reason thereof.

Managing Director

SCHEDULE - I

General Terms & Conditions for tender submission & material supply **CGCDF/PUR/JGDP-ETP/5112** **Date: -26.12.2017**

Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg (CGCDF), an ISO certified cooperative organization, invites Sealed tenders from reputed parties for supply, erection and installation of new ETP plant including Civil Work at Jagdalpur Dairy on **TURNKEY** basis.

Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg reserves the right to accept or reject any or all tenders, which in their opinion justify such actions, without further explanation to the tenderers.

1.0 DECLARATION :

The submission of a tender by a tenderer implies that he/she has read the notice and conditions of the tender and the terms and conditions of contract and has made himself/herself aware of scope and specifications of the supplies to be made and the destination where the supplies have to be made and satisfied himself/herself regarding the quality and specifications of the articles.

2.0 TENDER SUBMISSION:

- 2.1 (a) The tender should be sent by post /courier so as to reach the Managing Director , Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, PO BMY Charoda, Urla, Durg -490025 (CG) on or before the scheduled time and date. Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg shall not be responsible for any postal delay.
- (b) If the tenderers do not want to send the tenders by post and if they wish to hand over personally the sealed tenders addressed to the Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg -490025 (CG) they are permitted to do so by depositing with inward section by the scheduled time.
- (c) No responsibility shall be attached for premature opening of tender not properly addressed and identified.
The tenders received against the advertisement up to the specified time limit only shall be considered.
- 2.2 Individuals signing on the tender and other related documents must specify in which capacity of the firm he/ she has signed the documents.
- 2.3 Offer for each tender should be sent under separate cover super scribing the relevant tender reference number and category. Failure to adhere to this instruction will render the offer liable for rejection.
- 2.4 The tenderer(s) should clearly state in their offer the address, telephone, fax, e-mail, PAN and GST . Any change in the address should immediately be communicated to the Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg and correspondence thereafter will be made at the changed address.
- 2.5 Negligence on the part of tenderer in filling the tender form offers him/her no right to withdraw tender after it has been opened.
- 2.6 The acceptance of the tender and award of the purchase order will be the sole right of the Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg. who does not bind

- him self to accept a tender in whole or in part or reject any or all the tenders received without assigning any reasons and no explanation can be demanded of the cause of rejection of the tender by any tenderer.
- 2.7 The tenderers should send their offers along with the specifications, necessary drawing (if required) which will form the basis of their offer and is an integral part thereof.
 - 2.8 The Managing Director, CGCDF reserves the right to place order for whole requirement with any tenderer or split the orders among one or more tenderers or not to purchase at all any item even after rate approval.
 - 2.9 Each tender should be accompanied with copy of PAN, income tax return for previous year, GST/sales tax number and without which the tender may not be entertained.
 - 2.10 The tenderers should submit rate as per schedule-II The conditional tenders are liable to be rejected.
 - 2.11 No person or firm is permitted to submit more than one tender under different names.
 - 2.12 Each page of the tender and its enclosure should be signed at the bottom by the tenderer.
 - 2.13 The tenderer shall not sublet the contract or assign to any other party or parties, the whole or any portion of the contract without prior written permission of Managing Director, CGCDF.
 - 2.14 Demonstration of equipment, machines or articles available with the firm shall be arranged by the tenderer at his own cost, whenever requested by Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg.
 - 2.15 Tenderer shall fill all the details of the unit in the enclosed form- A .

3.0 EARNEST MONEY DEPOSIT

- 3.1 All the tenderers are required to deposit fresh Earnest Money as specified in tender document, for each item either in cash or in the form of crossed demand draft / bankers ch. in favour of Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg. Submissions of earnest money by any other mode than specified above shall not be acceptable and the related tender shall not be eligible for consideration. **Previous EMD amounts of any firm if lying with CGCDF for any or for same items shall not be considered against this tender referance. All previous EMD amounts of firms will be refunded by CGCDF in due course of time after expiry of last approved period**
- 3.2 Any tender which is not accompanied by Earnest Money deposit are liable to be rejected. Earnest money deposit of unsuccessful tenderers will be returned within 90 days from the date of opening of the tender. The earnest money deposit of the successful tenderers will be released on completion of supply/work as the case may be within the stipulated period.
- 3.3 No interest will be paid on the earnest money for the period during which (the EMD) lies in deposit with Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg.
- 3.4 Demand Draft towards earnest money should be submitted enclosed alongwith the tender offer in sealed cover.

4.0 PRICES

- 4.1 Rate should be quoted for the material as per the specifications given in the schedule II of the tender document.
- 4.2 In case of any doubt as to the meaning of any of the terms & conditions or the specifications , the tendering firm may set forth the particulars there of and submit them to the Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg, in writing that such doubts may be removed before submitting the tender.
- 4.3 The rates be quoted in figures and preferably no cuttings/overwriting in rates should be there in tender.
- 4.4 **The tenderer should quote rate on FOR JAGDALPUR CC basis.**
- 4.5 Provide GST Certificate self attested, rate should be including GST.
- 4.6 If need be, negotiations will be done for prices and as well as terms & conditions of material supply only with the party which offers the lowest rate.
- 4.7 The prices charged for the material supplies under the contract by the supplier firm in no event shall exceed the lowest price at which the supplier firm sells the material of identical tender description to any other persons/ firms during the period and until the execution of all supply orders placed during contract period.
- 4.8 The lowest rate shall not be the only criteria for approving the tender.
- 4.9 Corrections, if any, in the tender should be noted over and signed at the places of each correction made.

5.0 MODE OF DESPATCH

- 5.1 The material to be supplied by successful firm shall be dispatched to the dairy under prior intimation. Depending upon the type of material, the supplier shall have to carry out proper packing/crating to avoid damage during transit. Payment will not be made for damaged goods.
- 5.2 Warferage/Demurrage etc. on account of incorrect or delayed despatch of material/documents shall be the responsibility of supplier and shall be recovered from the bills.

6.0 LIQUIDATED DAMAGES;

- 6.1 Once firm delivery date(s) are fixed, they shall be strictly adhered to. In case they are not followed, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit., Urla, Durg, reserves the right either to cancel the order and make alternative purchases at the risk and expenses of the defaulting supplier or to charge liquidated damages from him/her at the rate of 2% of the value of goods not so delivered for each month's delay or part thereof. In case of delay the penalties would be deducted as under:

<u>Duration of delay</u>	<u>Penalty</u>
Upto 15 days	1% cost of the unit.
Between 16 to 30 days	2% cost of the unit
Beyond 30 days	Upto 5% cost of the unit.

- 6.2 If the tenderer fails to make supply as per purchase order without any valid reason, the order would be treated as cancelled and the firm may be blacklisted for future dealings and EMD also would be forfeited.

7.0 INSURANCE

- 7.1 Insurance is to be arranged by the tenderer.

8.0 INSPECTION

- 8.1 All the materials supplies are subject to inspection at our stores before acceptance. If goods are rejected due to defective or wrong supply, the report of our authorized official in this respect shall be FINAL and no correspondence on the subject would be entertained. The rejected goods should be removed from our premises by the tenderer within 15 days after receipt of our inspection report failing which the same shall be returned to the supplier at his risk and expenses or disposed off in auction and the proceeds, if any, less expenses would be credited to tenderer's account.
- 8.2 Sample of the articles should be sent/produced before the competent authority if asked for within 7 days or as mutually agreed .

9.0 PAYMENT

- **30% after receiving the materials required for the work at Site.**
- **60% after completion of work & successful trial run verified by Engg./Production officials/I/c Jagdalpur CC.**
- **10% after one year of completion of work.**

10.0 TERMINATION OF CONTRACT

- 10.1 If any act of commission or omission of a unit under contract brings Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit., Urla, Durg, to dispute, then Managing Director , Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit., Urla, Durg shall be competent to debar/blacklist the unit from further business.

11.0 CONSEQUENCES OF BREACH OF AGREEMENT

- 11.1 If any firm under the contract commits breach of any of the conditions, it shall be lawful for the Managing Director , Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg to cancel the contract and to purchase material from any other alternate sources on the risk and cost of the defaulting unit.

12.0 DISPUTE ARBITRATION & FINAL AUTHORITY.

- 12.1 It should be clearly understood that in the event of a successful tenderer failing to accept and execute the supply order, then decision of the Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg -490025 (CG), in this respect will be final and binding on the successful tenderer.
- 12.2 For all matters of dispute, the decision of the Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit,, Urla, Durg or a nominee appointed by him under Arbitration and Conciliation Act. 1996 shall be final and binding on all the concerned.
- 12.3 For all disputes, the venue for legal course shall be at Raipur.

Sd/-

Managing Director

*Chhattisgarh Rajya Sahakari Dugdh Mahasangh
Maryadit,, Urla, Durg*

Signature of tenderer

SCHEDULE I

(to be filled in and submitted along with the offer by the tenderer)

FORM -A

I/We hereby furnish particulars of our firm as under :

- | | | |
|-----------|--|---|
| 1 | Name of the firm | M/s. |
| 2 | Address of the firm | Office.....
Factory..... |
| 3 | Telephone no/ Mobile No. | Office..... Factory |
| 4 | Name of proprietor/ partner
Contact no. (mobile) |
..... |
| 5 | Registration No. & date,
Certificate issuing authority. |
..... |
| 6 | GST No. with India Govt. certificate photocopy | |
| 7 | Manufacturing facility with
available Plant & machinery |
..... |
| 8 | Customers on current list | i.....
ii.....
ii.....
iii.....
iv..... |
| 9 | Are you supplying same
material to any other cooperative
dairies (if yes, give clientele
list) |
..... |
| 10 | If you propose to diversify to
technological advancement, if so
what is the nature and expected
time |
.....
.....
..... |
| 11 | Whether the firm was black-listed/debarred or penalized by any Central or State govt.
Organization at any time. | <u>/Yes/No/</u> |
| 12 | If the reply is ' Yes', when &
why? Give reasons in detail |
..... |

I/We undertake that the information furnished in this tender document is correct to the best of my/our knowledge and belief.

Date:

Place :

Seal &Signature of the authorized signatory of the firm

SCHEDULE - II

WORK DETAILS FOR E.T.P. PLANT

<u>Sr.no</u>	<u>Work Name</u>	<u>Work details / sepecification</u>
<u>1</u>	ETP (Effluent Treatment Plant) 10m³/ day at Jagdalpur Chilling Centre, Chhattishgarh.	<ul style="list-style-type: none">• Effluent Generation: Total effluent generations: 10m³/ day Operational Hours: 10 hrs.• Equipment SIZING <u>CIVIL UNITS:</u> <p>A- Screen Chamber: Quantity : 1 Retention Time : 10 min Capacity : 0.2m³ MOC : SS angels with PVC mesh</p> <p>B- Equalization/ Collection Tank: Quantity : 1 Retention Time : 5.0 hrs. Capacity : 5.0m³ Dimension : 2.0mX1.2mX3.0m SWD MOC : RCC- supplier scope</p> <p>C- Flash Mixer : Quantity : 1 Retention Time : 0.25 hrs. Capacity : 0.5m³ MOC : MSFRP</p> <p>D- Flocculator : Quantity : 1 Retention Time : 1.0 hrs. Capacity : 1.0m³ MOC : MSFRP</p> <p>E- Primary Tube Settler: Quantity : 1 Retention Time : 2.0 hrs. Capacity : 2.0m³ Dimension : 1.5mX1.0mX2.0m SWD MOC : MSFRP</p> <p>F- MBBR Tank : Quantity : 1 Retention Time : 4.0 hrs. Capacity : 4m³ MOC : MSFRP</p> <p>G- Secondary Tube Settler : Quantity : 1 Retention Time : 2.0 hrs. Capacity : 2.0m³ MOC : MSFRP</p> <p>H- Chlorine Contact Tank : Quantity : 1 Retention Time : 1.0 hrs. Capacity : 1.0m³ MOC : HDPE</p> <p>I - Sludge drying bed : Quantity : 2 Nos. Capacity : 2.5 m³ MOC : RCC/BRICK- Supplier Scope</p>

<u>Sr.no</u>	<u>Work Name</u>	<u>Work details / sepecification</u>
2.	ETP (Effluent Treatment Plant) 10m3/ day at Jagdalpur Chilling Centre, Chhattishgarh	MECHANICAL EQUIPMENT DETAIL: A- Bar Screen: Quantity : 2 nos. Size: Suitable MOC : MS B- Raw Effluent Transfer Pumps: Quantity : 2 nos. (1W+1S) Capacity : 1.0m3/ hr. Head : 8 mtrs MOC : CI Make : Kirloskar/ Equipments C- Air Blower:: Quantity : 2 nos. (1W+1S) Capacity : 30 m3/ hr. Head : 5 mtrs MOC : CI Make : Comp Vac/ Equipments/ Any other established make. D- Flash Mixer Agitator: Quantity : 1 Size: High Speed MOC : MSEP Make- Aquapuro/ Any other established make. E- Flocculator Diffuser: Quantity : 1 Size: Slow Speed MOC : MSEP Make- Aquapuro/ Any other established make. F- Membrane Diffuser: Quantity : Lot Size: Dia 63mmX950mm Long MOC : EPDM Make- Rehau/ Equipments/ Any other established make. G- MBBR Biomedia: Quantity : Lot MOC : EPDM, Make : Superlast/ Equipment/ Any other established make. H- Tube Settling Media: Quantity : Lot MOC : PVC Make- Superplast/ Equipments/ Any other established make. I- Sludge Return Pump: Quantity : 1no. Capacity : 1.5 m3/ hr Head : 10 mtrs MOC : CI Make- Kirloskar/ Equipments J- Dosing Tank:: Quantity : 3 nos. Capacity : 50 lit. MOC : HDPE Make : Sintex K- Dosing Pumps: Quantity : 3 nos. Type : Metering Capacity : 0-5 lph Make : Asia LIM/ Equipments/ Any other established make.

		<p>L- Filter Feed Pumps : Quantity : 2nos (1W+1S) Capacity : 1.0 m³/ hr Head : 30 mtrs MOC : CI Make- Kirloskar/ Equipments</p> <p>M- Pressure Sand Filter: Quantity : 1no. Diameter: 330mm Height of Straight : 1325mm MOC : FRP Make- Aquapuro/ Any other established make.</p> <p>N- Activated Carbon Filter: Quantity : 1no. Diameter: 330mm Height of Straight : 1325mm MOC : FRP Make- Aquapuro/ Any other established make.</p> <p><u>INSTRUMENTS:</u></p> <p>A- Level Switch Indicator : (High level start and low level Stop) Quantity : 2 nos. Location : At Equalization tank and chlorine Contact tank MOC : SS-304 Make : innovative/ Hanna/ Equivalent</p> <p>B- ELECTRICAL : An MCC panel will be provided with the supply. Cabling will be done by supplier.</p> <p>C- PIPES & FITTING : (Within Battery Limit) Pipes MOC : PVC Valves : Ball valves/ Butterfly Valves Nut Bolts : GI</p>
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Note:-

- 1. Other works as required to be done in supplier scope.**
- 2. Total work will be done on TURN-KEY basis.**
- 3. Civil Work whatever required will be in supplier scope.**

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The tenders received against the advertisement up to the specified time limit only shall be considered.
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Sd/-

Managing Director

*Chhattisgarh Rajya Sahakari Dugdh Mahasangh
Maryadit,, Urla, Durg*

Signature of tenderer

SCHEDULE I
(to be filled in and submitted along with the offer by the tenderer)
FORM -A

I/We hereby furnish particulars of our firm as under :

- 1 Name of the firm M/s.
- 2 Address of the firm Office.....
Factory.....
- 3 Telephone no/ Mobile No. Office..... Factory
- 4 Name of proprietor/ partner
Contact no. (mobile)
- 5 Registration No. & date, Certificate issuing authority.
- 6 GST No. with India Govt. certificate photocopy
- 7 Manufacturing facility with available Plant & machinery
- 8 Customers on current list
i
ii
iii
iv.....
- 9 Are you supplying same material to any other cooperative dairies (if yes, give clientele list)
.....
- 10 If you propose to diversify to technological advancement, if so what is the nature and expected time
.....
.....
.....
- 11 Whether the firm was black-listed/debarred or penalized by any Central or State govt. Organization at any time. **/Yes/No/**
- 12 If the reply is ' Yes', when & why? Give reasons in detail
.....
.....

I/We undertake that the information furnished in this tender document is correct to the best of my/our knowledge and belief.

Date:

Place :

Seal &Signature of the authorized signatory of the firm

SCHEDULE - II

WORK DETAILS FOR E.T.P. PLANT

<u>Sr.no</u>	<u>Work Name</u>	<u>Work details / sepecification</u>
<u>1</u>	ETP (Effluent Treatment Plant) 10m³/ day at Jagdalpur Chilling Centre, Chhattishgarh	<ul style="list-style-type: none">• Effluent Generation: Total effluent generations: 10m³/ day Operational Hours: 10 hrs.• Equipment SIZING <u>CIVIL UNITS:</u> <p>A- Screen Chamber: Quantity : 1 Retention Time : 10 min Capacity : 0.2m³ MOC : SS angels with PVC mesh</p> <p>B- Equalization/ Collection Tank: Quantity : 1 Retention Time : 5.0 hrs. Capacity : 5.0m³ Dimension : 2.0mX1.2mX3.0m SWD MOC : RCC- client scope</p> <p>C- Flash Mixer : Quantity : 1 Retention Time : 0.25 hrs. Capacity : 0.5m³ MOC : MSFRP</p> <p>D- Flocculator : Quantity : 1 Retention Time : 1.0 hrs. Capacity : 1.0m³ MOC : MSFRP</p> <p>E- Primary Tube Settler: Quantity : 1 Retention Time : 2.0 hrs. Capacity : 2.0m³ Dimension : 1.5mX1.0mX2.0m SWD MOC : MSFRP</p> <p>F- MBBR Tank : Quantity : 1 Retention Time : 4.0 hrs. Capacity : 4m³ MOC : MSFRP</p> <p>G- Secondary Tube Settler : Quantity : 1 Retention Time : 2.0 hrs. Capacity : 2.0m³ MOC : MSFRP</p> <p>H- Chlorine Contact Tank : Quantity : 1 Retention Time : 1.0 hrs. Capacity : 1.0m³ MOC : HDPE</p> <p>I - Sludge drying bed : Quantity : 2 Nos. Capacity : 2.5 m³ MOC : RCC/BRICK- Client Scope</p>

<u>Sr.no</u>	<u>Work Name</u>	<u>Work details / sepecification</u>
2.	ETP (Effluent Treatment Plant) 10m3/ day at Jagdalpur Chilling Centre, Chhattishgarh	MECHANICAL EQUIPMENT DETAIL: A- Bar Screen: Quantity : 2 nos. Size: Suitable MOC : MS B- Raw Effluent Transfer Pumps: Quantity : 2 nos. (1W+1S) Capacity : 1.0m3/ hr. Head : 8 mtrs MOC : CI Make : Kirloskar/ Equipments C- Air Blower:: Quantity : 2 nos. (1W+1S) Capacity : 30 m3/ hr. Head : 5 mtrs MOC : CI Make : Comp Vac/ Equipments D- Flash Mixer Agitator: Quantity : 1 Size: High Speed MOC : MSEP Make- Aquapuro E- locculator Diffuser: Quantity : 1 Size: Slow Speed MOC : MSEP Make- Aquapuro F- Membrane Diffuser: Quantity : Lot Size: Dia 63mmX950mm Long MOC : EPDM Make- Rehau/ Equipments G- MBBR Biomedia: Quantity : Lot MOC : EPDM, Make : Superlast/ Equipment H- Tube Settling Media: Quantity : Lot MOC : PVC Make- Superplast/ Equipments I- Sludge Return Pump: Quantity : 1no. Capacity : 1.5 m3/ hr Head : 10 mtrs MOC : CI Make- Kirloskar/ Equipments J- Dosing Tank:: Quantity : 3 nos. Capacity : 50 lit. MOC : HDPE Make : Sintex K- Dosing Pumps: Quantity : 3 nos. Type : Metering Capacity : 0-5 lph Make : Asia LIML/ Equipments

		<p>L- Filter Feed Pumps :</p> <p>Quantity : 2nos (1W+1S) Capacity : 1.0 m³/ hr Head : 30 mtrs MOC : CI Make- Kirloskar/ Equipments</p> <p>M- Pressure Sand Filter:</p> <p>Quantity : 1no. Diameter: 330mm Height of Straight : 1325mm MOC : FRP Make- Aquapuro</p> <p>N- Activated Carbon Filter:</p> <p>Quantity : 1no. Diameter: 330mm Height of Straight : 1325mm MOC : FRP Make- Aquapuro</p> <p><u>INSTRUMENTS:</u></p> <p>A- Level Switch Indicator : (High level start and low level Stop) Quantity : 2 nos. Location : At Equalization tank and chlorine Contact tank MOC : SS-304 Make : innovative/ Hanna/ Equivalent</p> <p>B- ELECTRICAL : An MCC panel will be provided with the supply. Cabling will be done by client.</p> <p>C- PIPES & FITTING : (Within Battery Limit) Pipes MOC : PVC Valves : Ball valves/Butterfly Valves Nut Bolts : GI</p>
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Note:-

- 1. Other works as required to be done in supplier scope.**
- 2. Total work will be done on TURN-KEY basis.**
- 3. Civil Work whatever required will be in supplier scope.**

