

STATE WATER & SANITATION MISSION (SWSM)
Water Supply & Sanitation Department,
1st Floor, CIDCO Bhavan, South Wing, CBD Belapur, Navi Mumbai 400614
Tel. No: +91 22 2756 2363,2756 2546
E-Mail: wqwssso2@gmail.com

Letter No. SWSM/WQ 1024 /C.R.-13 / 3378/2024 Date:- 03 / 10 /2024

To,
Director,
Information Technology,
7th Floor, Mantralaya, Mumbai 32.

**Sub :- Publication of quotation call Notice for
impact assessment of Electrochlorinator
on website of maharashtra.gov.in Water
Supply and Sanitation Department.**
(पाणी पुरवठा व स्वच्छता विभाग)

Sir,

With reference to above subject, this office needs to avail services for impact assessment of Electrochlorinator availability and functionality in 6 districts of Maharashtra.

So it is requested you to publish the given quotation calling letters on website of maharashtra.gov. in Water supply and Sanitation Department. (पाणी पुरवठा व स्वच्छता विभाग - निविदा)
for your Kind information.

With approval of Hon. Mission Director (JJM)

Signed by Vijaykumar
Dilip Waikar
(Vijay Waikar)
Date: 03/10/2024 13:31:14
Executive Engineer,
State Water & Sanitation Mission,
Belpaur, Navi Mumbai

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Letter No. SWSM/WQ 1024 /C.R.-13/ 3379/2024 Date:- 03 / 10 /2024

**Sub : Quotation notice for Supply of services
for impact assessment of Electrochlorinator
availability and functionality in 6 districts of
Maharashtra.**

Sealed quotations are invited for the supply of following services for impact assessment of Electrochlorinator availability and functionality in 6 districts of Maharashtra required at office of the Mission Director, State Water & Sanitation Mission, CBD Belpaur, Navi Mumbai -400614.

You are requested to submit your quotations to Mission Director, State Water & Sanitation Mission, CBD Belpaur, Navi Mumbai -400614. on or before 11 / 10 /2024 Before 15:00 Hrs. Kindly mention your terms and conditions along with the quotation.

SN.	NAME OF ITEM	Districts
1	Impact assessment of Electrochlorinator availability and functionality in 6 districts of Maharashtra	6

Our Terms & Conditions:

1. Services will be taken as per the ToR, Detail ToR are attached
2. The rates should be inclusive of all Taxes & all charges etc
3. The quotation envelope should be subscribed as "QUOTATION FOR services for impact assessment of Electrochlorinator availability and functionality in 06 districts of Maharashtra" Due Date 11 / 10 /2024
4. Quotation will be submitted as per the given format

With approval of Hon. Mission Director (JJM)

Signed by Vijaykumar
(Vijay Waikar)
Executive Engineer,
State Water & Sanitation Mission,
Belpaur, Navi Mumbai

Quotation Submission letter format

To,
Mission Director,
State Water & Sanitation Mission,
CBD Belpaur, Navi Mumbai -400614.

Subject: Quotation for Supply of services for impact assessment of Electrochlorinator availability and functionality in 6 districts of Maharashtra.

With reference to above subject enclosing sealed quotations for the supply of services for impact assessment of Electrochlorinator availability and functionality in 6 districts of Maharashtra.

SN.	NAME OF ITEM	RATE INCLUDING TAXES
1	Impact assessment of Electrochlorinator availability and functionality in 6 districts of Maharashtra	

We are agree to supply the services as per the ToR published with quotation notice.

Terms & Conditions:

Terms of Reference for

Impact assessment of Electro chlorinator installed on Single Village Schemes in 06 districts

1. Background

Under the Jal Jeevan Mission, every village aims to provide 55 LPCD water as per BIS 10500:2012. For this purpose, the public drinking water sources of the village are treated daily with TCL powder as part of water safety measures. The purity of the purified water is checked by Chloroscope, and pure water is supplied to the village.

02. According to the modern method of water purification, electrochlorinators have been installed at every single village water supply scheme in rural areas in the state. At present, electrochlorinators have been installed at single village water supply schemes in the state.

Electrochlorinators will be installed in 35340 Single Village Scheme (SVS) in the state. At present, a total of 20888 electrochlorinators have been supplied out of which 12092 electrochlorinators have been installed and out of them 10237 electrochlorinators have been put into operation. SWSM now intends to undertake impact assessment of the initiative and proposes to engage a technical support agency for the assessment. This is the ToR for the same.

2. Purpose and objectives

The main purpose of the assessment is to study the level of awareness among GP stakeholders, availability and functionality of electrochlorinator. impact of electrochlorinator use on water quality, community feedback on the results of electrochlorinator use and involvement of GP functionaries in the process and to recommend the way forward. The specific objectives are as follows-

- To check the availability of electrochlorinator unit connected to water supply scheme.
- To check the functioning of the available electrochlorinator unit in the village.
- To check the chlorine dosing from the said electrochlorinator unit.
- Operation and Maintenance of electrochlorinators
- Impact of training of village water supply personnel to use electrochlorinators
- To check the impact on water quality after installation of an electrochlorinator
- Reactions of the citizens of the village regarding electrochlorinator.
- To identify good practices regarding electrochlorinator use
- To recommend the way forward for efficient use of electrochlorinator

3. Status of Electrochlorinator installed/ commissioned in State

Electrochlorinators will be installed in 35340 Single Village Scheme (SVS) in the state. At present, a total of 20888 electrochlorinators have been supplied out of which 12092 electrochlorinators have been installed and out of them 10237 electrochlorinators have been put into operation. Present status of electrochlorinators are as follows

Table 1: district wise distribution of electrochlorinators

Sr. No	Districts	EC units supplied	EC units installed	EC units commissioned
1	Palghar	430	131	84
2	Thane	242	147	117
3	Raigad	369	242	230
4	Pune	707	334	263
5	Nashik	1495	824	666
6	Dhule	531	347	272
7	Jalgaon	647	408	386
8	Nandurbar	603	315	99
9	Ahemadnagar	699	352	312
10	Yawatmal	1330	627	494
11	Nagpur	1225	971	878
12	Wardha	766	244	105
13	Bhandara	340	244	188
14	Gondia	402	212	123
15	Gadchiroli	160	121	74
16	Chandrapur	820	563	440
17	Aurangabad	307	141	131
18	Beed	1210	759	521
19	Jalna	167	101	92
20	Parbhani	731	640	618
21	Hingoli	611	345	302
22	Latur	820	557	529
23	Nanded	1042	706	676
24	Osmanabad	689	428	391
25	Amaravati	634	387	360
26	Akola	251	190	177
27	Washim	440	297	275
28	Buldhana	589	408	400
29	Ratnagiri	165	89	89
30	Sindhudurg	197	58	58
31	Satara	1134	521	521
32	Sangli	351	143	143
33	Solapur	498	194	177
34	Kolhapur	286	46	46
GRAND TOTAL		20888	12092	10237

4. Proposed methodology

Following steps are expected to be undertaken for the impact assessment-

1. Desk review of data, documents and information regarding work order, installation/commissioning of electrochlorinator, details of trainings on electrochlorinator use, electrochlorinator chlorine dosing testing data, etc. to understand the status of water quality surveillance in GPs. An inception report detailing the methodology and report of desk review will be submitted by the agency.
2. Development of assessment tools (Interview questionnaires, FGD pointers, interaction checklists, etc.) and their approval
3. Field assessment of electrochlorinator in 72 sample villages from 06 districts (Yavatmal, Nanded, Palghar, Gondia, Dhule, Pune). The assessment will be done in 4 small GPs, 4 medium GPs and 4 big GPs from each district. This means 12 GPs will be selected from each district for the assessment totalling to 72 GPs. The districts selected for the assessment will represent various administrative and agro-climatic zones, status of achievement in terms of work order, installation/commissioning of electrochlorinator. The assessment will include the following steps-
 - Interactions with state officials
 - Interactions with DWSS officials from 06 districts
 - Interaction with BDOs from 06 districts
 - FGD with GP/ VWSC members
 - Semi structured interviews of Electrochlorinator operator from each GP
 - Discussions with community members on the impact of Electrochlorinator on water quality and household level water quality management practices
 - Visit to Single village Scheme, demonstration of operation of Electrochlorinator, review of records, etc.
4. Data entry and analysis
5. Key findings and preparation of impact assessment report
6. Identification of good practices

5. Deliverables

The deliverables will include assessment tools and the impact assessment report.

6. Estimated duration

The estimated duration of the contract will be of 3 months.

7. Human Resource to be deployed

A team of 4 professionals will be expected to be deployed for the assessment –

- Team leader (Technical)
- Documentation expert(Technical)
- Surveyor(Technical)
- Survey Assistant (Non Technical)

Educational Qualification for Technical - BA/ BCom / BSc / BAMS / MSW
Experience for Technical - Min 5 Yrs

Educational Qualification for Non Technical - 10th / 12th pass
Experience for Technical - 1-2 Yrs

8. Cost Estimate

The total cost for the assessment will be approximately Rs. 10 Lakhs

9. Terms & Conditions

Minimum Eligibility of TSA

SWM is inviting quotation from a Private Limited / Limited Liability company or appropriate legally constituted and registered in India under applicable state law who will be meeting below minimum eligibility criteria:

- I. Agency must have minimum 3 years of experience in conducting feasibility studies /assessments/endline surveys in WASH Sector
- II. The agency must not have been blacklisted, debarred, or suspended by any Govt. /Semi govt. Authority, or any Funding Agencies at the time of submission.

Submission of Quotation

Bidder should submit the Quotation [Technical and Financial form] in separate envelope as stated below:

Technical Form:

- Letter of submission
- Short organization profile
- Copy of organizational documents such as Incorporation certificate, PAN, GST etc.

Experience of the bidder as stated in eligibility criteria

Sr.No	Name of Work	Client	Duration		Key Deliverables / Activities Performed
			From	To	

Experience certificate/work order copy to be attached to claim the experience.

Summary of proposed key expert (as presented in Human Resource section above) and task assigned

Sr.No	Name of Expert	Education Qualification	Total Years of Experience	Key Expertise	Proposed Task Assigned

Financial Form:

- Financial form in prescribed format given at Annexure 1.
- Bidder shall consider the remuneration of staff, travel expenses, OPE, taxes and any other misc. expenses while quoting.

Evaluation of Quotation

- Technical form of bidder will be evaluated based on the minimum eligibility criteria as stated above.
- Bidders meeting minimum eligibility criteria will only be consider for the financial form opening.
- Bidder qualifying Technical eligibility and lowest financial quote would be selected.

Note:

1. SWSM reserves the rights to consider any bidder that they may feel competent and also have the right not to consider the lowest quoted offer.
2. SWSM at a sole discretion may ask bidder to provide the additional documents during the process of this evaluation.
3. SWSM is not bound to accept any quotation that they receive.
4. SWSM reserves the rights to cancel/amend the request for quotation any time at their sole discretion.

Deliverables and payment terms

Sr.No	Key Deliverables	Payment Terms
1	Submission of Survey tools	30%
2	Submission of Report	70%

Reporting

The Agency shall carry out the assignment work under the overall supervision of the Mission Director, JJM. The SWSM office shall provide the TSA with access to relevant data, information and site along with time of persons as deemed necessary.

**Annexure-1
Financial Form**

Date:

**To,
Mission Director, JJM
State Water and Sanitation Mission (SWSM)**

Dear Sir,
We [Name of Bider] , are pleased to offer to provide our services for “**Impact assessment of Electro chlorinator installed on Single Village Schemes in 06 districts**” in accordance with [quotation no.....].
Below is our financial quote for carrying out services under this work.

Sr. No.	Particulars	Amount in INR
1	Impact assessment of Electro chlorinator installed on Single Village Schemes in 06 districts (Lumpsum)	
	Applicable taxes (if any)	
	Total Cost	

Amount in Word: Rupees _____

We agree and confirm that you are not is not bound to accept any quotation that you may receive receive.

We agree and confirm that validity of our submitted quotation will be for 30 days from date of submission.

Name of authorized signatory

Designation

Name of bidder