



**OFFICE OF THE SUPERINTENDING ENGINEER
RURAL WATER SUPPLY AND SANITATION DIVISION
PHULBANI, KANDHAMAL-762001**

Ph-No- 06842-253314, email- eerwss_plb@nic.in
Website- tenderodisha.gov.in

EOI No.- 01/ 2026-27 dated. 30.07.2026

NOTICE

**EXPRESSION OF INTEREST FOR PROCUREMENT, SUPPLYING, FITTING,
FIXING AND INSTALLATION OF CARTRIDGE BASED, NON ELECTRIC,
ONLINE, AUTOMATIC WATER CHLORINATION SYSTEMS IN DIFFERENT
PIPED WATER SUPPLY SCHEMES ACROSS THE KANDHAMAL DISTRICT**

RWS&S, Division Phulbani under Panchayati Raj & Drinking Water Department, Govt of Odisha invites Expression of Interest (EOI) for Procurement, Supplying, Fitting, Fixing and Installation of Cartridge based, Non electric, Online, Automatic water Chlorination systems in different piped water supply schemes across the Kandhamal District. Agencies / Individuals interested in applying may submit their duly filled application with complete information as required as per the EOI document. The last date for submission EOI is 17.08.2026 up to 5.00 P.M for detailed notice and for participation please visit our e-tender website tenderorissa.gov.in. All queries may be emailed to tenderorissa@gmail.com.

Sd/-

Superintending Engineer
RWS&S Division, Phulbani

Expression of Interest (EOI)

**Procurement, Supplying, Fitting, Fixing and Installation
of Cartridge based, Non electric, Online, Automatic water
Chlorination systems in different piped water supply
schemes across the Kandhamal District.**

**Rural Water Supply & Sanitation, Division
Panchayati Raj & Drinking Water Department,
Government of Odisha**

JULY 2026

**SUPERINTENDING ENGINEER,
RWS&S DIVISION, PHULBANI**

SCHEDULE FOR INVITATION OF EOI

Name: Procurement, Supplying, Fitting, Fixing and Installation of Cartridge based, Non electric, Online, Automatic water Chlorination systems in different piped water supply schemes across the Kandhamal District.

To	Superintending Engineer, RWS&S Division, Phulbani, Kendupadar, Kandhamal, Pin- 762001
Issue of EOI	From dt. 30.07.2026
EOI Due Date	Dt. 17.08.2026 upto 5 PM
EOI Opening Date	Dt. 18.08.2026 , 11 AM
Department Name/Authority Name	RWS&S Division, Phulbani, Kendupadar, Kandhamal, Pin- 762001
EOI Submission Address	The Superintending Engineer, RWS&S Division, Phulbani, Kendupadar, Kandhamal, Pin- 762001
EOI document Fee	Rs. 10000/- (Rupees Ten Thousand Only) in form of Demand Draft/ Bankers Cheque from any Scheduled / Nationalized Bank. The document fee will be remitted as per the interest received & slab mentioned as per OPWD Code.
EOI Fee Payable to	"Superintending Engineer, RWS&S Division, Phulbani.", Payable at Phulbani.
Price Offer	The Company/Agency shall submit their best possible price in online form only and any offer, if received otherwise, will be outright rejected. Also, any reference of the Price, quotes etc. in physical submission shall result in rejection of the offer of the agency.
EOI currency Setting	Indian Rupee (INR)

Note:

1. Please address all queries and correspondence to the Superintending Engineer, RWS&S Division, Phulbani, Kendupadar, Kandhamal, Pin- 762001
2. If the Office of the Superintending Engineer, RWSS Division, Phulbani happens to be closed on the day of receipt of the EOIs as specified, the EOIs will be received and opened on the next working day on opening of the Office up to the same time and at the same venue.
3. Please quote Name of work in all your correspondence.
4. In case of any discrepancy / dispute the decision of SE, RWSS Division , Phulbani will be final.

Expression of Interest (EOI)

EOI Notice No. _____ / dt _____

Invitation of Expression of Interest for **"Procurement, Supplying, Fitting, Fixing and Installation of Cartridge based, Non electric, Online, Automatic water Chlorination systems in different piped water supply schemes across the Kandhamal District"**

1. Introduction:

The Superintending Engineer, RWS&S Division, Phulbani on behalf of the Government of Odisha in Panchayati Raj Department invites Expression of Interest (EOI) from established firms/companies for Procurement, Supplying, Fitting, Fixing and Installation of Cartridge based, Non electric, Online, Automatic water Chlorination systems in different piped water supply schemes across the Kandhamal District.

The interested applicants shall submit their detailed proposal by Speed Post/Courier/Registered Post/Drop box at the office of **Superintending Engineer**, RWS&S Division, Phulbani by **17.00 hours of 17.08.2026**. The Authority shall not be responsible for any postal delay. **Proposal received after deadline shall be rejected.**

2. Pre-qualification/Eligibility criteria for Applicants:

- This *Invitation for Bids* is open to all bidders registered with the Govt of Odisha or other state Govts / Govt of India/MES/railways for execution of similar nature of works. Bidders are advised to note the minimum qualification criteria specified in the "Instruction to Bidders" to qualify for the award of contract.
- A Bidder shall be deemed to have the nationality of India & registered in India in case of firm.
- Government-owned enterprises shall be eligible only if they can establish that they are legally and financially autonomous and operate under commercial law.
- Registered Contractor of Odisha State PWD or equivalent class of CPWD / Railway / MES / Central or other State Govt./ **(Authorised Distributors / Authorised Dealers)** Proof of registration is to be furnished along with the tender.
- **History of Litigation and Criminal Record:** If any criminal cases are pending against the Contractor (him/her/partners) at the time of submitting the tender, then the tender shall be rejected.
- The Contractor has to furnish a declaration that no near relatives are working in the cadre of an Assistant Engineer/ Assistant Superintending Engineer and above in Rural Water Supply & Sanitation (RWS&S) of State of Odisha.

- The Average Annual Turnover of the applicant during last 3 financial years i.e. (FY 2023-24, 2024-25 & 2025-26) shall be more than **Rs. 30.00 Lakhs**. A certificate from Chartered Accountant specifying the total turnover of the company and turnover from similar works must be attached in the Proposal along with concerned UDIN Nos failing which the bid will be rejected.

3. Online Automatic Chlorination System:

Supply and Installation, of Cartridge based Non-electric, Online, Automatic Water Chlorination System, for piped water supply schemes, using solid chlorination agent, and should be safe and simple to handle. The system should be approved/recommended for drinking water. The chemical should be approved for drinking water and should be certified/listed/approved to NSF ANSI 60 or equivalent. It should be completely soluble in water and shouldn't have any insoluble residues left after dissolving in water.

4. Principle of Chlorination System Operation:

The Chlorination system should be able to be installed online during water distribution, and capable to generate upto 2 ppm of chlorination in running water. The operation shall be online and automatic, and should be able to operate without continuous intervention.

Chlorination System should have following features and capabilities :-

1. It should avoid leakage or seepage of solution.
2. System should be automatically driven, safe & easy to operate.
3. Should be compact and occupy less foot print .
4. System should be able to work by water supply pressure upto ~~20~~ bar, in case of piped water supply for village communities.
5. System should be able to operate with / without electricity (i.e. Solar / other powered).
6. System should preferably have indication when chemical in the system is exhausted or near exhaustion and refill might be required .
7. The setup should be under minimum warranty of 2 years after being commissioned.
8. The cartridge should have a minimum life of 25 lakh liters at 1 ppm of chlorination.

5. Documents required to be submitted in the EOI proposal:

The interested firms must provide complete information with relevant supporting documents in the EOI proposal in respect of the following:

- Complete organization details with Name, Address, Telephone/Fax No. and e-Mail ID as per format prescribed in **Annexure-I**
- Registered Contractor of Odisha State PWD or equivalent class of CPWD / Railway / MES / Central or other State Govt./ (**Authorised Distributors / Authorised Dealers**)
Proof of registration is to be furnished along with the tender.

- PAN Card & GST registration Certificate (GST filling Latest).
- Covering letter of expressing interest.
- Company/Firm profile.
- Authorisation certificate from manufacturer, wherever applicable.
- Details of similar works executed.
- Work orders/completion certificates, wherever applicable duly attested by concerned office.
- Product catalogue and technical datasheet.
- Technical proposal of the proposed chlorination system.
- Details of installation methodology.
- Details of warranty and after-sales service.
- Details of service network and technical support team.
- List of major clients/organisations served.
- Declaration regarding non-blacklisting.
- Any other document considered relevant by the applicant.
- Audited financial statement of the firm for last 3 years i.e. **FY 2023-24, 2024-25 & 2025-26 (with UDIN No).**
- Financial Proposal Submission form as per **Annexure-IV**
- **All the above documents should be signed and sealed in each page and Applicants must submit a signed and sealed copy of the EOI Document.**

6. Terms of Reference:

A. PROCUREMENT AND SUPPLY

The agency shall procure and supply complete cartridge-based, non-electric, online and automatic water chlorination systems, including all necessary accessories, fittings and components required for proper functioning.

The system shall generally comprise, but not be limited to

- i. Chlorine cartridge/container as applicable
- ii. Chlorine dosing assembly
- iii. Online dosing arrangement.
- iv. Flow control/regulation arrangement
- v. Pressure control arrangement, wherever required
- vi. Isolation valves
- vii. Non-return valves
- viii. Connecting pipes and fittings
- ix. Mounting/supporting arrangements
- x. Chlorine residual control arrangement, wherever applicable
- xi. All necessary clamps, adaptors, unions, couplings and accessories
- xii. Any other component required for complete and satisfactory operation

The system shall be supplied as a complete operational unit and shall be compatible with the existing PWS infrastructure.

B. FITTING, FIXING AND INSTALLATION

The agency shall carry out:

- i. Proper fitting and fixing of the chlorination system at the approved location.
- ii. Connection to the existing water supply pipeline.
- iii. Installation of all required valves, fittings and accessories.
- iv. Provision of suitable supports and protection arrangements.
- v. Leak-proof connection and proper alignment of the system.
- vi. Installation in a manner that permits easy inspection, operation, maintenance and replacement of consumables.

No modification to the existing system shall be made without prior approval of the Engineer-in-Charge.

C. TESTING AND COMMISSIONING

After installation, the agency shall

- i. Test the system under actual operating conditions.
- ii. Verify proper online dosing and chlorination
- iii. Check the system for leakage and operational safety
- iv. Demonstrate proper functioning of the system to the Engineer-in-Charge
- v. Conduct residual chlorine testing at suitable points.
- vi. Rectify all defects noticed during testing and commissioning.
- vii. Commission the system only after satisfactory performance is established.

D. TECHNICAL REQUIREMENT

SI No	Parameter	Requirement
1	Type	Cartridge -based chlorination system
2	Operation	Non-electric
3	Dosing	Online and automatic
4	Application	Rural Piped Water Supply schemes
5	Power Requirement	No external electrical power should be required for normal operation
6	Chlorine Dosing	Automatic and proportional to water flow, wherever applicable
7	Installation	Inline with existing water supply system
8	Operation	Simple, safe and user-friendly
9	Maintenance	Easy replacement of cartridge/consumables
10	Material	Corrosion-resistant and suitable for potable water application
11	Safety	Safe handling and operation of chlorine-containing consumables
12	Performance	Capable of maintaining prescribed residual chlorine in supplied water
13	Compatibility	Suitable for existing PWS pipelines and operating conditions

The final technical specifications shall be decided based on the site conditions, water flow, pressure, scheme configuration and applicable standards.

E. CHLORINE DOSING AND WATER QUALITY

The chlorination system shall be designed and operated to ensure effective disinfection of drinking water.

The agency shall ensure that:

- i. Chlorine dosing is adequate for the actual water flow.
- ii. The system is capable of maintaining the required residual chlorine at the point of supply.
- iii. The quality of treated water conforms to the applicable drinking water quality standards prescribed by the competent authority.
- iv. Residual chlorine is checked during commissioning and as required during operation.
- v. The system does not adversely affect the quality, taste or acceptability of drinking water when operated as per the manufacturer's instructions.

The agency shall submit the manufacturer's recommended dosing methodology, operating parameters and safety instructions.

F. QUALITY ASSURANCE

The agency shall be responsible for ensuring the quality of all equipment, materials and accessories supplied.

The following shall be ensured:

- i. All components shall be new and free from defects.
- ii. The equipment shall be suitable for potable water applications.
- iii. Materials shall be corrosion-resistant and durable.
- iv. The system shall be manufactured and assembled as per the manufacturer's approved design.
- v. The agency shall submit technical literature, catalogue, drawings and specifications.
- vi. The Engineer-in-Charge may inspect and test the materials at any stage.
- vii. Any defective or unsuitable component shall be replaced by the agency at its own cost.
- viii. The agency shall be responsible for all defects arising from poor workmanship or defective materials.

G. OPERATION AND MAINTENANCE SUPPORT

The agency shall provide adequate technical support for operation and maintenance of the installed systems.

The scope shall include:

- i. Demonstration of operation to departmental personnel.
- ii. Training of operators/concerned PWS personnel.

- iii. Guidance for replacement of cartridges and consumables.
- iv. Maintenance instructions.
- v. Troubleshooting support.
- vi. Periodic inspection, if included in the final procurement arrangement.
- vii. Replacement of defective components during the warranty period i.e within 2 years or more.
- viii. An amount equivalent to 5% of the contract value shall be withheld from the bills of the Agency as Security Money for the Operation & Maintenance (O&M) period. In the event that the Agency fails to carry out the required Operation & Maintenance activities during the Warranty/O&M period, the said withheld amount shall be liable to be **forfeited/confiscated by the Department**, without prejudice to any other action or recovery permissible under the terms and conditions of the Contract Agreement.

The agency shall provide an operation and maintenance manual in English and/or Odia, as required.

H. WARRANTY

The agency shall provide a comprehensive warranty for the supplied and installed system including cartridge for a minimum period of 2 years as specified in the final procurement document from the date of successful commissioning.

During the warranty period:

- i. Defects due to manufacturing defects, poor workmanship or defective materials shall be rectified free of cost.
- ii. Replacement of defective parts shall be carried out within a reasonable time.
- iii. The agency shall provide necessary technical support.
- iv. The agency shall ensure that the system remains functional and fit for intended use.

The exact warranty period and service response time shall be specified in the subsequent procurement/tender document.

7. After completion of the commissioning work, the contractor shall test the Chlorine content in presence of JE/AE/AEE of the department which shall be documented on spot and signed by the executing agency/firm/company and JE/AE/AEE (present)

8. **Financial Proposal/Price Offer:**

The rates must be inclusive of all cost incidental to such work but exclusive of GST. The applicant must provide the Financial Proposal as per form prescribed in **Annexure-IV**. The price offer must be enclosed in a separate envelope and clearly super scribed "Price Offer for Selection of Contractors for Supply, fitting, fixing & installation of Chlorination system for Supply of Drinking Water to Rural Habitations of Kandhamal District ". The Price Offer envelope along with the other documents will be packed in a bigger sealed outer cover. The Price Offer of only those firms fulfilling the Eligibility Criteria and who have submitted all the required documents as per Clause 5 above shall be opened.

9. **Submission of Proposals: Packing, Sealing and Marking**

The Technical Proposal (Part A) containing all the documents as stipulated in Clause 5 above and Price Offer (Part B) must be inserted in separate sealed envelopes, along with Applicant's name and address in the left hand corner of the envelope and super scribed in the following manner.

PART A

Technical Proposal for Selection of Contractors/ Firms/ Agency for Supply, fitting, fixing & installation of Chlorination system for Supply of Drinking Water to Rural Habitations of Kandhamal District

PART B

Price Offer for Selection of Contractors/ Firms/ Agency for Supply of Drinking Water to Rural Habitations of Kandhamal District

Both the Envelopes i.e. Envelope for Part-A and Envelope for Part-B must be packed in a bigger sealed outer cover and clearly super scribed with the following:

PROPOSAL for Selection of Contractors for Supply of Drinking Water to Rural Habitations of Kandhamal District

The Bidder's Name & Address shall be mentioned in the left hand bottom corner of the outer envelope.

The envelopes shall be addressed to RWSS at the following Address:

The Superintending Engineer
Rural Water Supply & Sanitation Division,
Phulbani, Kandhamal -762001,
Odisha

10. Award of work:

Applicants will be awarded work on Lowest Cost (L1) basis and subsequent negotiations. The bidders will have to accept the Letter of Award within seven days of issuance of such letter, failing which the work shall be awarded to the next lowest bidder(s) at L1 price. The Authority reserves the right to distribute the work among one or more eligible contractor to meet the exigent need of water supply in the rural areas, exigencies and seasonality factors as well as the capacity of the agencies to undertake the work. All the procedures for awarding & otherwise will be as per provisions mentioned in OPWD Code.

Annexure-I

Organization Details

1.	Name of the Company/Firm	:	
2.	Year Established	:	
3.	Type of Firm	:	Public Ltd./ Pvt. Ltd./ Partnership/ Sole Proprietorship/ LLP
4.	Objective of Company/Firm	:	
5.	Address of Office	:	
6.	PAN No.	:	
7.	GST Registration Number	:	
8.	Telephone No./ Fax No.	:	
9.	Email Address	:	
10.	Contact Person with Designation	:	
11.	Name of the Government Department/PSU/Private Sector/International Clients to whom bidder has provided similar services	:	
12.	No. of years of proven experience of providing similar services	:	
13.	Annual Turnover of the Firm/Company (in Rs.) during preceding three Financial Years	:	2023-24: 2024-25: 2025-26:

Authorized Signatory :

Name and Designation :

Company Seal :

Annexure-II
Past Experience of the firm in similar assignments

S No.	Items	Description
1	Name of the Client	
2	Experience in SVS/MVS PWS	
	i) 2024-25	Number: Value of work:
	ii) 2025-26	Number: Value of work:
3	Experience in Solar PWS	
	i) 2024-25	Number: Value of work:
	ii) 2025-26	Number: Value of work:

Copy of Work Orders to be submitted herewith.

Authorized Signatory :

Name and Designation :

Company Seal :

Copy of Work Orders to be attached (duly attested by concerned office).

Annexure-III
Price Offer

Date:

To,
The Superintending Engineer
RWS&S Division, Phulbani

Sub: Price Offer for Procurement, Supplying, Fitting, Fixing and Installation of Cartridge based, Non electric, Online, Automatic water Chlorination systems in different piped water supply schemes across the Kandhamal District

Dear Sir,

With reference to your EOI document dated, I/we, having examined the EOI Document and understood their contents, hereby submit my/our Price offer for the aforesaid Project. The Price offer is unconditional and unqualified.

I/We further acknowledge that we have understood the Terms of Reference provided in the EOI document and are well aware of our scope of services. We are well aware of the Geographical terrain of the State grouped under different divisions of RWS&S. The Price offer quoted by us shall be valid for a period of one year from the Date of this Price Offer.

We do hereby confirm that our rates are inclusive of all cost incidental to the work but exclusive of Goods and Services Tax (GST). The rate for Supplying, Fitting, Fixing and Installation of Cartridge based, Non electric, Online, Automatic water Chlorination systems in different piped water supply schemes across the Kandhamal District is provided in the table below:

Rates for Inline Chlorination *

Item No	Items	Unit	Rate in Rs.
1	Supply and Installation, of Cartridge based Non-electric, Online, Automatic Water Chlorination System, for piped water supply schemes, using solid chlorination agent, and should be safe and simple to handle. Online Chlorination unit- 2500000 lit water Chlorination capacity of single cartridge at 1 ppm dosing price including transportation upto site with installation.	Each	
2	Supply and installation online Chlorination cartridge for 2500000 lit Chlorination capacity	Each	
3	Supply of Chlorination Tablet for 2500000 lit Chlorination capacity	Each	

Annexure-IV

Information of Block-wise Chlorination System requirement information

Sl.No.	Name of Block	Name of Block	No. of Chlorination System required
01	Daringbadi	Solar PWS to Saberanga under Siangbali GP	1
02	Daringbadi	Solar PWS to Kajuripaderi under Siangbali GP	1
03	Phiringia	RPWS to village Lendrigaon under Sadingia GP	1
Total			3