



वाष्कोस लिमिटेड
WAPCOS LIMITED

(भारत सरकार का उपक्रम)

जल संसाधन, नदी विकास व गंगा संरक्षण मंत्रालय

(A Government of India Undertaking)

Ministry of Water Resources, River Development & Ganga Rejuvenation

ISO 9001: 2008

- Consultancy Services
- Engineering, Procurement & Construction (EPC)

EoI No.: WAP/ENVT/CSEZ/H-3082/2019/03 dated 24.05.2019

NOTICE INVITING

EXPRESSION OF INTEREST

For

**PREPARATION OF DETAILED PROJECT REPORT FOR
MANAGING THE EFFLUENT BY ECOFRIENDLY METHOD
LIKE WETLAND AND WATER CONSERVATION IN COCHIN
SPECIAL ECONOMIC ZONE**

WAPCOS Limited

(A Government of India Undertaking)

Project Office, Cochin Special Economic Zone,

CSEZ Administrative Building,

Kakkanad, Cochin – 682 037

Telephone: 0484-2413544

E-mail: cochincsez@wapcos.co.in

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SECTION – I

NOTICE INVITING EXPRESSION OF INTEREST (EoI)

EOI No: WAP/ENVT/CSEZ/H-3082/2019/03 dated 24.05.2019

**SUBJECT: PREPARATION OF DETAILED PROJECT REPORT FOR MANAGING
THE EFFLUENT BY ECOFRIENDLY METHOD LIKE WETLAND AND
WATER CONSERVATION IN COCHIN SPECIAL ECONOMIC ZONE**

Expression of Interests (EoI) are invited by **General Manager (SEZ), WAPCOS Limited, CSEZ Project Office on behalf of Chairman, CSEZA Kakkanad** from eligible and registered firms for the above mentioned work.

1.	EoI Document	The EoI document can be downloaded from, www.eprocure.gov.in , www.csezauthority.in & www.wapcos.gov.in from 24.05.2019 onwards
2.	Date and time of Pre-bid meeting.	08.06.2019 at 11.00 Hrs
3.	Last date and time of Submission of EoI	18.06.2019 at 15.00 Hrs
4.	Cost of EoI document (Non-refundable)	DD amounting to Rs.1,000/- in favour of WAPCOS Ltd. Payable at Cochin

For any queries, bidders may contact us at 0484-2413544, E-mail: cochincsez@wapcos.co.in.

(Sd/-)
General Manager(SEZ),
WAPCOS Limited,
CSEZ Project Office

SECTION - II

1.0 INTRODUCTION

Cochin Special Economic Zone (CSEZ) is a Special Economic Zone functioning under the Administrative control of the Department of Commerce, Ministry of Commerce & Industry, Government of India. The Zone acts as an export hub for the industries whose products are marketed overseas. Cochin Special Economic Zone Authority (CSEZA) is an authority created under Special Economic Zone Act, 2005. It functions as an infrastructure facilitator of the Zone by assuming the role of a Developer of the Zone.

CSEZA has appointed **WAPCOS Limited**, A Government of India Undertaking under the Ministry of Water Resources, River Development and Ganga Rejuvenation as '*Owner's Engineer*'. CSEZA desires to maintain the Zone as Green Industrial Zone by effective waste water management. Accordingly, Expression of Interest (EOI) is invited from experienced firms meeting the prescribed qualifying criteria as mentioned in EoI document.

2.0 QUALIFICATION CRITERIA

Experienced parties/agencies with proven technology to manage the effluent by ecofriendly method like wetland and water conservation may submit their profile and concept with terms and conditions to prepare DPR.

Documents to be submitted:

1. Company Profile
2. Detailed Methodology
3. Experience of carrying out similar work
4. Details of Experts to be involved in the study

3.0 EVALUATION CRITERIA

1. The technical committee constituted by CSEZA will evaluate the EoI based on the proven, technology and shall call the agencies for a presentation.
2. The committee members will visit the site of implementation of the successfully running projects of shortlisted agencies.
3. The agencies selected will be based on proven technology which is cost effective.

4.0 TERMS OF REFERENCE

4.1 GENERAL

Cochin SEZ is a Special Economic Zone in Cochin, in the State of Kerala in southwest India, set up for export- oriented ventures. The Special Economic Zone is a foreign territory within India with special rules for facilitating foreign direct investment. The

Zone is run directly by the Government of India. Cochin SEZ is a multi-product Zone. Cochin is strategically located. It is in southwest India, just 11 nautical miles off the international sea route from Europe to the Pacific Rim. Cochin is being developed by the Dubai Ports International as a container transshipment terminal with direct sailings to important markets of the world, which could position it as Hub for South Asia. CSEZ is a multi-product zone, of 136 different industrial units at CSEZ which mainly includes Information Technology Support, Agro & Food Processing, Textile & Garments, Plastic & Rubber, and Ceramics etc.

4.2 OBJECTIVE OF THE STUDY

The main objectives of the study are to implement ecofriendly, economical and innovative scientific methods to ensure water conservation.

4.2 BACKGROUND

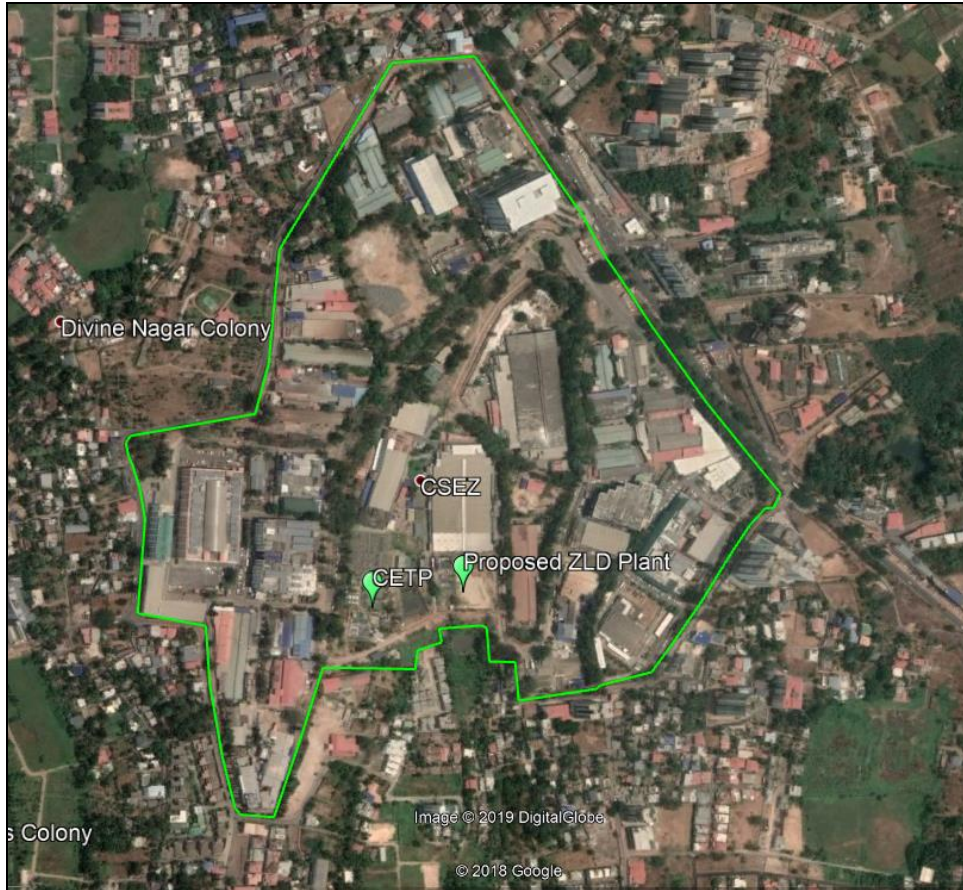
The water requirement for various industrial and domestic uses in CSEZ is in the order of 2.25 MLD. Currently the water is drawing from river and treated in a 2.25 MLD Water treatment plant and supplied to various industries. The wastewater generation from various industries is about 1.4 MLD. In 1.4 MLD of the Waste Water generated from various industries, the major polluting industries are of Textile, Rubber, Fish Processing and Ceramic industries. All other waste water comprises of the domestic effluents from various units.

At present the waste water treated in a common effluent treatment plant and final treated effluent is then collected in final collection pond made of stones masonry and the same is seeping out to nearby drain. For reuse of the effluent, project is under construction to separate industrial waste water from the CETP and shall be treated in a new 1.0 MLD ETP based on a Zero Liquid Discharge (ZLD) concept. The treatment methodologies comprise of Reverse Osmosis system (RO) and Reject Management system. The treated water shall be supplied/returned back to its associated member units for reuse in their process. The Existing CETP shall treat the domestic wastewater (sewage) and shall be used for gardening. The same shall be commissioned by the end of December 2019.

4.4 SCOPE OF WORK:

The scope of work to meet the objectives is as follows:

- Formulation of concept plan using proven technologies for water conservation measures.
- Identification of gaps in the waste water management system in the Zone and convert the same into Model Green industrial campus.
- Preparation of detailed project report along with the cost estimate for the suggested proposal.



Location Details

5.0 INSTRUCTIONS TO BIDDERS

The EoI document can be downloaded from www.eprocure.gov.in , www.csezaauthority.in, & www.wapcos.gov.in from 24.05.2019 onwards.

Demand Draft of Rs.1,000/- , cost of EoI document payable at Cochin, drawn on any nationalized /scheduled Bank, in favour of WAPCOS Limited should be submitted along with the EoI Document. The fee is neither transferable nor refundable. The details of the EoI document fee should be clearly mentioned in the application form.

All costs & expenses associated with submission of EoI shall be borne by the company for submitting the application and WAPCOS shall have no liability in any manner in this regard or if it decides to terminate the process of short-listing for any reason whatsoever.

WAPCOS/CSEZA reserves the right to verify all statements, information and documents submitted by the applicant in response to the EoI Document. Failure of the WAPCOS/CSEZA to undertake such verification shall not relieve the applicant of its obligations or liabilities hereunder nor will it affect any rights of WAPCOS/CSEZA thereunder.

The EoI document shall be submitted by the bidder duly signed on each page of the document. In case the proposal is submitted on the document downloaded from official

website, the applicant shall be responsible for its accuracy and correctness as per the version uploaded by WAPCOS/CSEZA and shall ensure that there are no changes caused in the content of the downloaded document. In case of any discrepancy between the downloaded or photocopied version of the EoI document and the original EoI document issued by the WAPCOS/CSEZA, the latter shall prevail.

The EoI document should be sealed in single envelope marked with the address of “General Manager, WAPCOS”, Name of work and EoI notice No., Last Date and Time of submission, Date and time of opening, name and address of the applicant.

The EoI should contain the following documents:

- ✓ Documents as specified in Eligibility Criteria
- ✓ Document fee in the form of DD

6.0 DECLARATION

I/We have completely read and hereby accept the scope of work, requirements, terms & conditions.

I hereby enclose a DD no dated for Rs.1,000/- drawn on..... in favor of “WAPCOS LIMITED”

**Signature of bidder’s authorised
representative with seal:**

Full address:

CHECK LIST

Part A - General Information		
1	Name of the company	
2	Type of incorporation	
3	Address of the registered office of the company	
4	Year incorporated	
5	Address for communication	
6	Contact person	
7	Name	
8	Designation	
9	Phone No.	
10	Fax No.	
11	Mobile No.	
12	Email address	
Part B - Details of EoI Document fee		
13	Amount of draft	Rs.1,000/-
14	Issue date	
15	D D No.	
16	Name of the bank	
17	Branch	
Part C - Details of GST		
18	GST Registration No.	
19	LUT No. for zero rated supply to CSEZ	