



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/H-3082/CSEZ/2019-20/70; Dated February 29, 2020

NOTICE INVITING

EXPRESSION OF INTEREST (EoI)

For

**Procurement of Sewer Manhole Cleaning Robot for
Cochin Special Economic Zone (CSEZ)**

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; wapcos.csez@gmail.com

EoI No.: WAP/H-3082/CSEZ/2019-20/70; Dated February 29, 2020

WAPCOS Limited
(A Government of India Undertaking)
Project Office, Cochin Special Economic Zone
CSEZ Administrative Building
Kakkanad, Cochin – 682 037

**Expression of Interest (EoI) for Procurement of Sewer Manhole Cleaning Robot
for Cochin Special Economic Zone (CSEZ)**

Cochin Special Economic Zone Authority (CSEZA), under the Ministry of Commerce and Industry, Government of India has appointed WAPCOS Limited, as '*Owner's Engineer*'. WAPCOS Limited, on behalf of Chairman, CSEZA desires to empanel eligible registered firms for Procurement of Sewer Manhole Cleaning Robot at Cochin Special Economic Zone (CSEZ).

WAPCOS Limited, on behalf of CSEZA, invites from interest from experienced and registered firms meeting the prescribed qualifying criteria as mentioned in the EoI document. The firms may submit their bid with all necessary documents along with the covering letter duly signed by an authorized signatory and non-refundable cost of the EoI document as per the Notice Inviting EoI in the form of a Demand Draft (DD) **on or before 21.03.2020 by 15.00 Hrs** at the following address:

General Manager (SEZ)
WAPCOS Limited
(A Government of India Undertaking)
Cochin Special Economic Zone Project Office,
CSEZ Administrative Building,
Kakkanad, Cochin – 682 037
Telephone: 0484-2413544
E-mail: cochincsez@wapcos.co.in; wapcos.csez@gmail.com

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

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SECTION – I

NOTICE INVITING EXPRESSION OF INTEREST (EoI)

EoI No.: WAP/H-3082/CSEZ/2019-20/70; Dated February 29, 2020

Subject: Procurement of Sewer Manhole Cleaning Robot for Cochin Special Economic Zone (CSEZ)

Expression of Interest (EoI) is invited by **General Manager (SEZ), WAPCOS Limited, CSEZ Project Office on behalf of Chairman, CSEZA Kakkanad** from eligible and registered firms for **Procurement of Sewer Manhole Cleaning Robot for Cochin Special Economic Zone (CSEZ)**.

1.	EoI Document	The EoI document can be downloaded from www.csezauthority.in , www.eprocure.gov.in & www.wapcos.co.in from 02.03.2020 onwards
2.	Last date and time of Submission of EoI	21.03.2020 at 15.00 Hrs
3.	Cost of EoI document (Non-refundable)	DD amounting to Rs. 2,000/- in favour of WAPCOS Ltd. Payable at Cochin.

For any queries, bidders may contact this office latest by 15.03.2020, 15:00 hours at 0484-2413544, E-mail: cochincsez@wapcos.co.in; wapcos.csez@gmail.com

(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 Jal Shakti as '*Owner's Engineer*'.

Accordingly, Expression of Interest (EOI) is invited from interested, experienced, registered companies / firms meeting the prescribed qualifying criteria as mentioned in EoI document for Procurement of Sewer Manhole Cleaning Robot for CSEZ as given in Section 2.0.

2.0 ELIGIBILITY CRITERIA

While submitting the proposal, the applicant shall ensure that the applicant meets the conditions of eligibility as described below:

SI No	Qualification	Criteria	Mandatory Documentary Evidence to be Submitted
1	Legal Entity	Bidder must be either - Registered company / MSME under the Companies Act - Startups recognized by Department of Industrial Policy & Promotion (DIPP)	<ul style="list-style-type: none">• Company Profile• Copy of Certificate of Incorporation
2	Signatory	Signatory for signing the contract	<ul style="list-style-type: none">• Power of Attorney in the name of the authorised signatory
3	Tax	PAN and GSTIN	<ul style="list-style-type: none">• Copy of PAN Card• Copy of GSTIN
4	Annual Turnover	Average Annual financial turnover should be atleast 50% of the estimated cost of procurement work during the immediate last three consecutive financial years ending 2018-19.	<ul style="list-style-type: none">• Audited balance Sheets• Certificate duly audited by CA
5	Profit & Loss Statements	Should not be a loss-making concern for past three Financial years.	<ul style="list-style-type: none">• Same Document for Eligibility Criteria No 4
6	Blacklisting	Declaration from the bidder that the entity has not been	<ul style="list-style-type: none">• Self-Declaration on Letter Head

SI No	Qualification	Criteria	Mandatory Documentary Evidence to be Submitted
		banned or delisted by any Government or Quasi government or PSU's. If banned/delisted it must be clearly stated.	
7	Technical Capability	Bidder should have successfully supplied /Executing similar scope of work in Government / PSUs	<ul style="list-style-type: none"> • Copies of Procurement Order & completion certificate. • Copy of relevant Certification.
8	OEM of Proposed Products	The participant should have direct authorisation from the original equipment manufacturers (OEM) for Procurement and maintenance of similar system.	<ul style="list-style-type: none"> • Valid document issued by the OEM. • Authorisation Letter from the OEM stating that the warranty / AMC of the equipment will be supported by the authorised agency of the OEM.
9	Country of Origin	If the equipment is imported, the participant need to mention the country of manufacturing.	<ul style="list-style-type: none"> • Undertaking mentioning the intended country/ countries of manufacture of equipment's in the letterhead.
10	Warranty	12 Months Comprehensive Warranty from the date of Installation.	<ul style="list-style-type: none"> • Undertaking on Letterhead
11	Product Support	The Vendor should supply the Robot with latest specifications so that the equipment is not declared 'End of Life / Support' for the duration of atleast 5 years from the date of supply.	<ul style="list-style-type: none"> • Undertaking on Letterhead
12	On Site Support		<ul style="list-style-type: none"> • Details of technical support personnel available at site
13	Comprehensive Annual Maintenance Contract (AMC)	The Successful bidder should be ready for Comprehensive AMC for 5 years post warranty.	<ul style="list-style-type: none"> • Undertaking on Letterhead
14	Training	The Successful bidder is required to provide free of cost training for five personnel regarding the operations of the Robot.	<ul style="list-style-type: none"> • Undertaking on Letterhead

3.0 INSTRUCTIONS TO BIDDERS

Submission of Application

The EoI document can be downloaded from www.csezauthority.in, www.eprocure.gov.in & www.wapcos.co.in from 02.03.2020 onwards.

Demand Draft of Rs. 2,000/-, 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.

While submitting the EoI, the bidder shall ensure that the bidder meets the conditions of eligibility described in the EoI document. Failure to comply with the requirements spelt out in EoI Document shall make the proposal liable to be rejected.

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 right to suspend the short-listing process or part of the process to accept or reject any or all applications at any stage of the process and / or to modify the process or any part thereof at any time without assigning any reason therefore is reserved by CSEZA without any obligation or liability whatsoever.

The EoI document should be sealed in a single envelope marked with the address of “General Manager (SEZ), 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:

- ✓ **EoI document and Checklist as per the Performa in Annexure A with specified documents attached as annexures**
- ✓ **EoI Document fee in the form of DD**
- ✓ **A copy of the EoI Document signed, in the bottom of all pages as a token of acceptance of all terms and conditions.**
- ✓ **Certificates as per EoI**
- ✓ **Soft Copy in suitable format of the Proposal in a USB Drive**

If the envelope is not sealed and marked as instructed above, WAPCOS/CSEZA assumes no responsibility for the misplacement or premature opening of the contents of the Proposal submitted. WAPCOS/CSEZA is not responsible for the non-receipt or delayed receipt of EoI document send through courier or post.

Note:

The Proposal shall be made in the Forms specified in this EoI Document. Any attachment to such Forms must be provided on separate sheets of paper and only information that is directly relevant should be provided. This may include photocopies of the relevant pages of printed documents.

EoIs received by WAPCOS after the specified time on the due date shall not be eligible for consideration and shall be summarily rejected.

In exceptional circumstances, WAPCOS may request the bidder's consent for an extension to the period of bid validity. The request and the response thereto shall be made in writing. The bidder may refuse the request without forfeiting his bid security. A bidder accepting the request and granting extension will not be permitted to modify his bid.

WAPCOS is not bound to accept any EoI and reserve the right to accept or reject any EoI, and reserve the right to annul the selection process and reject all EoI at any time prior to the award of the selection without assigning any reason(s) whatever and without thereby incurring any liability towards the affected participant(s) on this ground.

4.0 Technical Specifications

Sr. No.	Item	Units
01	<p>Sewerage Manhole Cleaning Robot:</p> <ul style="list-style-type: none"> • Light weight Carbon fiber Reinforced polymer • Powder coated stainless steel Non Corrosive, 04 Legs • Diving height 10 Metres, 10+ optional • Robotic arms with 150 mm stroke pneumatics • 04 D.O.F. degree of freedom (3 Rotational Degree and 1 Linear Degree) for cleaning efficiently like human being inside manholes, End Effector: Multi-Purpose (for Shovelling action and Picking action) • Pneumatic and Electric Actuators • Bucket capacity 16 Ltr. waste collection per go • Power: Pneumatic (8 Bar) and Electric (48V DC) • Cameras 03 Nos. IP 68, IR with IR Sensors and with wide angle. Poisonous Gas Detection: Detects Methane, Carbon Monoxide, Hydrogen sulfide and Sulfur dioxide and gives alert • Lights: 3 Nos, 10 W High Intensity LED Lights with object detection camera 1 Nos. hoist capacity 125 Kg and 12 Meters • 13.3" monitor 1,4 channel video full HD display • interactive user interface 10" Touch Screen and buttons, • Power Supply: Electric Generator (230 V AC / 50-60Hz – 2.8KVA) Working air pressure 8 Bars • Built in software to learn operation quickly with Graphical Information • Accessories like portable stand, pneumatic compressor and generator 	01

5.0 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.2,000/- drawn on..... in favor of “WAPCOS LIMITED”.

Signature of bidders authorised representative with seal:

Full address:

SECTION - III

ANNEXURE – A

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. 2,000/-
14	Issue date	
15	D D No.	
16	Name of the bank	
17	Branch	
Part C - Details of GST		
18	GST Registration No.	

(Form-1)

List of Clients to whom the Robot has been supplied to

Sl. No.	Name of Work	Name of client	Cost of project (Rs. in lakhs)
1			
2			
3			

Note:

- Satisfactory completion certificate from client should be enclosed.

(Form-2)

Statement of Annual Turn Over

Sl. No.	Financial Year	Annual Turnover (Rs.)
1	2016-17	
2	2017-18	
3	2018-19	

Note:

- **Please do not attach any printed Annual Financial Statement.**
- **This form should be duly signed by the auditor of the company with his registration number**
- **Attach audited Profit and Loss Account, Balance sheet for 2016-17, 2017-18 and 2018-19**
