



Broadcast Engineering Consultants India Limited

(A Government of India Enterprises–Under Ministry of Information and Broadcasting)

REQUEST FOR EXPRESSION OF INTEREST

**SELECTION OF SYSTEM INTEGRATOR/PARTNER FOR DESIGN, SUPPLY AND
INSTALLATION OF ICT BASED WASTE MANAGEMENT APPLICATION FOR VARIOUS GOVT.
DEPTS**

EOI. No. BECIL/Proj/ITS&AV/ICT_Waste Management/2021

Description of task, submission format and procedure is provided in the EOI document available on BECIL Website: www.becil.com

EOI Release Date	24 March 2021
Submission Date for clarification regarding Queries of EOI	25 March 2021 up to 03:00 PM
Reply of clarification to Queries	26 March 2021
Last Date of Submission of EOI proposal	30 March 2021 up to 03:00 PM
Date of Opening of EOI Proposals	30 March 2021 at 05:00 PM

BROADCAST ENGINEERING CONSULTANTS INDIA LTD

Office Address: 14-B, Ring Road, Indraprastha Estate,
New Delhi-110002

Tel: [+91-11-23378823](tel:+91-11-23378823) **Fax:** +91-11-23379885

TABLE OF CONTENT

1	Instructions to the Bidders	4
	Standard Definitions.....	4
	EOI Information.....	5
	Processing Fee.....	5
	Important Notice to all the Bidders.....	6
	Terms & Conditions of the EOI.....	6
	Conditions under which this EOI is issued.	6
	Rights to the content of the proposal.....	7
	Acknowledgment of Understanding of Terms.	7
	Issue of Clarifications.....	7
	Clarifications and Amendments of EOI document.	7
	Preparation of the Proposal.....	8
	Submission of the Proposal.....	8
	General conditions of the EOI	8
	Confidentiality.....	8
	Conflict of Interest.....	9
	Right to accept or reject any or all proposals.	9
	Fraud and corrupt practices.....	10
	Agency’s code of conduct and business ethics	11
2	Purpose of EOI & Broad Scope of Work.	12
	BECIL Background	12
	Scope of Project	12
	Detailed Scope of Work.....	13-20
3	Pre- Qualification Criteria & Proposal Evaluation	20
	Qualification Evaluation Criteria-Technical.....	21
	Proposal Evaluation	23
	Arbitration Clause.....	23
4	Annexure.....	24
	Annexure1: Proposal Covering Letter (On Bidder’s Letter Head).....	24
	Annexure2: Bidder’s General Information (On Bidder’s Letter Head)	25
	Annexure3: Declaration Letter (On Bidder’s Letter Head).	26
	Annexure 4: Acceptance Letter (On Bidder’s Letter Head).	27
	Annexure 5: Detail of Work Experience (on bidder’s Letter Head).	28
	Annexure 6: Financial Strength of the Bidder (on bidder’s Letter Head).....	29
	BECIL Mandate form	30

1. INATRUCTIONS OF THE BIDDERS

1.1. STANDARD DEFINITIONS

1. **BECIL** Means Broadcast Engineering Consultants India Limited, A Government of India Enterprises–Under Ministry of Information and Broadcasting, responsible for short listing of agencies as per the requirements of Government Departments/any Government Organization.
2. **Bidder/Agency** Means any interested and eligible entity either company registered under Companies Act 1956/2013 who submit their proposals that may provide or provides the Services to any Government Department or Government Organization under the Contract.
3. **Contract** Means the Contract signed by the Parties and all the attached documents listed, i.e. Terms of Reference, the General Conditions and the Appendices.
4. **Project Specific Information** Means such part of the Instructions to Bidders used to reflect specific project and assignment conditions.
5. **Day** Means calendar day
6. **Government** Means the Government of India
7. **Instructions to Bidders** Means the document, which provides bidders with align formation needed to prepare their proposals.
8. **Personnel** Means professionals and support staff provided by the bidder.
9. **Proposal** Means the Technical Proposal and the Financial Proposal Read separately and also together
10. **EOI** Means the Expression of Interest prepared by the BECIL for The short listing of Agencies.
11. **Assignment/Job** Means the work to be performed by the bidder pursuant To the Contract.

S. No.	Description	Remarks
1.	Name of Assignment	Expression of Interest (EOI) regarding Selection of System Integrator/Partner for Design, Supply and Installation of ICT based waste management application for various Govt. Depts.
2.	Submission Type	Technical Solution with Budgetary Estimate for Providing Design, Supply, Installation, Testing & Commissioning of ICT base Waste Management Application for Govt. Depts. including Warranty Services as per EOI to BECIL excluding Taxes. (To be submitted separately in sealed cover).
2.	EOI Reference No.	BECIL/Proj/ITS&AV/ICT_Waste Management/2021
3.	EOI Type	Open
4.	EOI Submission Mode	Offline
5.	EOI Release Date	24 March 2021
6.	Last Date of Submission	30 March 2021 up to 3:00 PM
7.	Date of Opening of Proposals	30 March 2021 up to 05:00 PM
8.	Location of Proposal Opening	Broadcast Engineering Consultants India Limited, 14-B, Ring Road, Indraprastha Estate, New Delhi - 110002
9.	Contact Details for Correspondence	Shri Raman Rana (Manager, BECIL) raman.rana@becil.com
10.	EOI Category	Works/Services
11.	Processing Fee (non-refundable)	INR. 10,000/- (Ten Thousand Only)
12.	Empanelment fee (non-refundable)	INR.1,00,000/- in the form of DD/Banker cheque in favour of BECIL payable at New Delhi. The empanelment letter and agreement/contract shall be issued /signed to/with the successful bidder only after receipt of the empanelment fee from them.
13.	Proposal Validity period	The EOI process will conclude with short listing of agencies.
14.	Period of Validity of EOI	05 Years.

1.2.1 Processing Fee

The proposal shall be accompanied by a non-refundable processing fee of an amount of INR 10,000 _/-(Non-refundable) by way of Demand Draft/Banker cheque in the favor of "Broadcast Engineering Consultants India Limited, payable at New Delhi" from any scheduled bank. Exempted for MSME/Startup registered with GOI. The Processing Fee shall be deposited at **BROADCAST ENGINEERING CONSULTANTS INDIA LIMITED, 14-B, Ring Road, Indraprastha Estate, New Delhi - 110002.**

Important Notice to all the Bidders

- a) An incomplete or ambiguous or conditional or late proposal is liable to be summarily rejected.
- b) The bidder must attest the original EOI document with authorized signature and stamp as an acceptance of the EOI terms and conditions and submit the same along with the EOI response. In case of non-compliance, the proposal is liable to be summarily rejected.

Note:

- i As a part of pre-bid if there are changes in submission format, then all the proposals submitted till that time will be null and void. The bidder has to resubmit the proposals again. BECIL will not take any responsibility for any lapse what so ever on account of this issue.
- ii Compliance to registration requirements and payment regarding the same etc. and timely uploading of the proposals will be responsibility of the bidder.

TERMS & CONDITIONS OF THE EOI

Conditions under which this EOI is issued

- a. This EOI is not an offer and is issued with no commitment. BECIL reserve the right to withdraw the EOI and change or vary any part thereof at any stage. BECIL also reserve the right to disqualify any bidder, should it be so necessary at any stage. BECIL may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this EOI. These amendments will officially be notified on BECIL website.
- b. This EOI supersedes and replaces any previous public documentation & communication, and bidders should place no reliance on such communications.
- c. BECIL reserve the right to withdraw this EOI, alter/modify the conditions mentioned in this EOI document at any state of the bidding process.
- d. Timing and sequence of events resulting from this EOI shall ultimately be determined by BECIL
- e. No oral conversations or agreements with any official or employee of BECIL shall affect or modify any terms of this EOI and any alleged oral agreement or arrangement made by a bidder with any department, entity, official or employee of BECIL shall be super seeded by the definitive contract the at results from this EOI process. Oral communications by BECIL to bidders shall not be considered binding on BECIL, nor shall any written materials provided

- by any person other than BECIL.
- f. Neither the bidder nor any of the bidder's representatives shall have any claims what--so ever against BECIL or any of their respective officials, agents, or employees arising out of, or relating to this EOI or these procedures (other than those arising under a definitive service contract with the bidder in accordance with the terms thereof).
 - g. Bidders who are found to canvass, influence or attempt to influence in any manner the qualification or selection process, including without limitation, by offering bribes or other illegal gratification, shall be disqualified from the process at any stage.
 - h. In case of any dispute arising, the decision of the BECIL will be final.
 - i. The jurisdiction in case of disputes shall be the Courts of Delhi/New Delhi.

Rights to the content of the proposal

For all the proposals received before the last date and time of proposal submission, the proposals and accompanying documentation of the qualification proposal will become the property of BECIL and will not be returned after opening of the qualification proposal. BECIL is not restricted in its rights to use or disclose any or all of the information contained in the proposal and can do so without compensation to the bidders. BECIL shall not be bound by any language in the proposal indicating the confidentiality of the proposal or any other restriction on its use or disclosure.

Acknowledgment of understanding of terms

- a. By submitting a proposal, each bidder shall be deemed to acknowledge that it has carefully read all sections of this EOI, including all forms, schedules and annexure here to, and has fully informed itself and agrees to accept as to all existing conditions and limitations.
- b. All information supplied by bidders may be treated as contractually binding on the bidders, on successful award of the assignment by the BECIL on the basis of this EOI.

Issue of Clarifications

a) Responses to Clarification and issue of Corrigendum

- i. At any time prior to the last date for receipt to proposals, BECIL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the EOI Document by a corrigendum.
- ii. The Corrigendum (if any) & clarifications to the queries from all bidders will be posted on the website. Any such corrigendum shall be deemed to be incorporate into this EOI.
- iii. In order to provide prospective Bidders reasonable time for taking the corrigendum into account, BECIL may, at its discretion, extend the last date for the receipt of Proposals.
- iv. As a part of pre-bid if there are changes in submission format, then all the proposals submitted till that time will be null and void. The bidder has to re- submit the proposals. BECIL will not take any responsibility for any lapse what- so ever on account of this issue.

Clarifications and Amendments of EOI document

- a. Bidders may request a clarification on any clause of the EOI document. Any request for clarification must be sent in writing, or by standard electronic means to the BECIL address. BECIL will respond in writing, or by standard electronic means and will send written copies of the response (including an explanation of the query but without identifying the source of inquiry) to all bidders. Should the BECIL deem it necessary to amend the EOI as a result of a clarification, it shall do so following the procedure under para (b) below.
- b. At any time before the submission of proposal, BECIL may amend the EOI by issuing an addendum in writing or by standard electronic means. The addendum will be binding to all the prospective bidders. To give bidders reasonable time in which to take an amendment into account in their proposals BECIL may, if the amendment is substantial, extend the deadline for the submission of proposals.

Preparation of the Proposal

At the time of submission of proposal, the bidder has to ensure that each page numbered and is duly signed by the bidder or his duly authorized representative. In case the proposal is signed by the authorized representative, a letter of authorization should be enclosed with the proposal.

a) Proposal Content

All the forms provided in the annexure should be submitted with relevant information and documents as asked in the EOI document. Proposal must be submitted in the form of all the duly signed forms as per Annexure of EOI & other undertakings. Proposal should be a complete document. A compliance statement offering the compliance to various clauses of the EOI should be signed and attached with the proposal.

b) Proposal Preparation Cost

The bidder shall bear all its cost associated with or relating to the preparation and submission of its proposal, including, but not limited to preparation, copying postage, delivery fees, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/ presentations, in providing any additional information required by BECIL to facilitate the evaluation process, and in negotiating a definitive contractor all such activities related to the bid process. BECIL will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process

c) Language of the Proposal

The Proposal all the correspondence and documents should be filled by the bidders in English language only. If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the Agencies. For purposes of interpretation of the documents, the English translation shall govern.

Submission of the Proposal

The bidders are advised to study the EOI document carefully. Submission of Technical response and budgetary estimate shall be deemed to have been done after careful study and examination of the EOI document with full understanding of its implications. Bidders shall submit their responses latest by **30 March 2021 up to 03:00 PM.**

GENERAL CONDITIONS OF THE EOI

Confidentiality

Information relating to evaluation of proposal and recommendations concerning awards shall not be disclosed to the bidders who submitted the proposal or to other persons not officially concerned with the process, until the publication of the award of contract. The undue use by any bidder of confidential information related to the process may result in the rejection of its proposal and may be subject to the provisions of BECIL's antifraud and corruption policy.

Conflict of Interest

- a) BECIL requires that bidders provide professional, objective, and impartial advice and at all times and hold the Government Departments/Any Government Organization's interests paramount, strictly avoiding conflicts with other Assignment/jobs or their own corporate interests and act without any consideration for future work.
- b) Without limitation on the generality of the foregoing, bidders, and any of their affiliates, shall be considered to have a conflict of interest and shall not be engaged, under any of the circumstances set forth below:
 - i. **Conflicting activities:** A bidder that has been engaged by the Government Departments/Any Government Organization to provide goods, works or assignment/ job other than consulting assignment/ job for a project and any of its affiliates, shall be disqualified from providing consulting assignment/job related to those goods, works or Assignment/job. Conversely, a bidder hired to provide consulting assignment/job for the preparation or implementation of a project and any of its affiliates, shall be disqualified from subsequently providing goods or works or assignment/job other than consulting assignment/job resulting from or directly related to the bidder's consulting assignment/job for such preparation or implementation. For the purpose of this paragraph, assignment/job other than consulting assignment/job a rede- fined as those leading to a measurable physical output.
 - ii. **Conflicting Assignment/job:** A bidder (including its Personnel and Sub-con- tractors) or any of its affiliates shall not be hired for any Assignment/job that by its nature, may be in conflict with another assignment/job of the bidder to be executed for Government Departments/Any Government Organization.

- iii. **Conflicting relationships:** A bidder(including its Personnel and Sub-contractors)that has a business or family relationship with a member of the Government Departments/ Any Government Organization's staff who is directly or in directly involved in any part of(i)the preparation of the Scope of Work related to the assignment/ job,(ii)the selection process for such assignment/ job, or(iii)supervision of the Contract, may not be awarded a Contract, unless the conflicts terming from this relationship has been resolved in a manner acceptable to the Government Departments/Any Government Organization throughout the selection process and the execution of the Contract.
- c) Bidders have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of Government Departments/Any Government Organization, or that may reasonably be perceived as having this effect. Any such disclosure shall be made as per the Standard forms of technical proposal provided herewith. If the bidder fails to disclose said situations and if the Government Departments/ Any Government Organization comes to know about any such situation at any time later, it may lead to the disqualification of the bidder during bidding process or the termination of its Contract during execution of assignment.

Right to accept or reject any or all proposals

- a) Notwithstanding anything contained in this document, BECIL reserves the right to accept or reject any proposal and to annul the Selection Process and reject all Proposals, at anytime without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons thereof.
- b) BECIL reserves the right to reject any proposal if: (a)at any time, a material misrepresentation is made or discovered, or(b)the bidder does not provide, within the time specified by the BECIL, the supplemental information sought by the BECIL for evaluation of the proposal. Misrepresentation/improper response by the bidder may lead to the disqualification of the bidder.

Fraud and corrupt practices

- a) The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this document, BECIL shall reject a proposal without being liable in any manner what so ever to the bidder, if it determines that the bidder has, directly or indirectly or through an agent, engaged incorrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice(collectively the "Prohibited Practices")in the Selection Process. In such an event, the BECIL shall, without prejudice to its any other rights or remedies, forfeit the EMD, as the case may be, as' mutually agreed genuine pre-estimated compensation and damages payable to the BECIL for, interalia, time, cost and effort of BECIL, in regard to this document, including consideration and evaluation of such bidder's proposal.
- b) Without prejudice to the rights of the BECIL herein above and the rights and

remedies which the BECIL may have under the contract, if bidder is found by BECIL to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the execution of the contract, such bidder shall not be eligible to participate in any tender or EOI or RFP issued by BECIL during a period of three years from the date such Bidder, as the case may be, is found by BECIL to have directly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.

- c) For the purposes of this Para, the following terms shall have the meaning hereinafter respectively assigned to them: (a)"corrupt practice" means(i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of any person connected with the Selection Process(for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the BECIL who is or has been associated in any manner, directly or indirectly with the Selection Processor has dealt with matters concerning the contractor arising there from, before or after the execution there of, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of BECIL, shall be deemed to constitute

influencing the actions of a person connected with the Selection Process);or(ii) save as provided here in, engaging in any manner whatsoever, whether during the Selection Process or after the execution of the contract, as the case may be, any person in respect of any matter relating to the Projector the contract, who at anytime has been or is a legal, financial or technical Entity advisor of Government Departments/Any Government Organization in relation to any matter concerning the Project;(b)"fraudulent practice" means a misrepresentation or omission of facts or disclosure of incomplete facts, in order to influence the Selection Process;(c) "coercive practice" means impairing or harming or threatening to impair or harm, directly or in directly, any per- sons or property to influence any person's participation or action in the Selection Process;(d)"undesirable practice"means (i)establishing contact with any person connected with or employed or engaged by Government Departments/Any Government Organization with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or(ii)having a Conflict of Interest; and(e)"restrictive practice" means forming a cartel or arriving at any understanding or arrangement among Applicants with the objective of restricting or manipulating a full and fair competition in the Selection Process.

Agency's code of conduct and business ethics

BECIL is committed to its' values & beliefs' and business practices to ensure that companies and agencies, who supply goods, materials or services, will also comply with these principles.

a) Bribery and corruption: Agencies are strictly prohibited from directly or indirectly (through intermediates or subcontractors) offering any bribe or undue gratification in any form to any person or entity and/or indulging in any corrupt practice in order to obtain or retain a business or contract.

b) Integrity, indemnity & limitation: Agencies shall maintain high degree of integrity during the course of its dealings with business/contractual relationship with BECIL. If it is discovered at any stage that any business/contract was secured by playing fraud or misrepresentation or suspension of material facts, such contract shall be voidable at the sole option of the competent authority of BECIL. For avoidance of doubts, no rights shall accrue to the agency in relation to such business/contract and BECIL or any entity there of shall not have or incur any obligation in respect thereof. The agency shall indemnify BECIL in respect of any loss or damage suffered by BECIL on account of such fraud, misrepresentation or suspension of material facts.

c) Reporting Misconduct: Agencies are required to report any misconduct /violations/ improper demands from BECIL employees to the CMD/Chief Vigilance Officer /Director (O&M)

No Communication shall be made to any other authority/external sources in this regards.

2. PURPOSE OF EOI & BROAD SCOPE OF WORK

The purpose of this EOI is the Expression of Interest (EOI) regarding Selection of System Integrator/Partner for Design, Supply and Installation of ICT based waste management application for various Govt. depts.

Broadcast Engineering Consultants India Limited (BECIL) an ISO 9001:2015, ISO 27001:2013 and ISO/IEC 20000:2012 certified, Mini Ratna, Central Public Sector Enterprise of Government of India was established on 24th March 1995. BECIL provides project consultancy services and turnkey solutions encompassing the entire gamut of radio and television broadcast engineering viz; content production facilities, terrestrial transmission facilities, satellite and cable broadcasting facilities in India and abroad. It also provides associated services like building design and construction related to broadcasting, human resource related activities like training and providing manpower. BECIL also undertakes supply of specialized communication, monitoring, security and surveillance systems to defense, police and para-military departments. BECIL has its head office in Delhi and corporate office in Noida. The regional office is in Bangalore.

Over the years, BECIL has consciously groomed and developed a team of in-house, versatile and dedicated engineers and also cultivated and harnessing a vast reservoir of professionals drawn from various fields of broadcasting industry which includes public and private broad- casters, defense and cable industry. Through this network of resourceful technical professionals, BECIL has established its pan India presence to serve the needs of the industry.

BECIL has a vast reservoir of experts and integrates the expertise of All India Radio (AIR) and Doordarshan (DD), the national broadcaster of India, creating one of the largest Radio

Net- works catering to nearly a billion people and the world's largest Terrestrial Television Network supplemented by Analogue and Digital satellite Broadcasting services reaching out to millions of TV homes in India and abroad.

BECIL works as consultancy agency, system integrator as well as a turnkey solution provider in the fields of Broadcast Engineering and Information & Communication Technology.

SCOPE OF THE PROJECT

Name of the Project Expression of Interest (EOI) regarding Providing, Installing Testing, & Commissioning Design, Supply, Installation ICT base Waste Management Application for various Govt Depts.

The Components of Technology shall be as:

1. ICT Based Waste collection Monitoring technology for Household/commercial/other properties.
2. ICT Based Community Toilet/Public Toilet (CT/PT) Feedback System
3. ICT Based Street Cleaning Monitoring System
4. ICT Based Liquid Waste Cleaning Monitoring Technology
5. Unique Feedback Number for Citizens – YOCC
6. Uniquely Developed Local App for Municipal Corporations/Municipal Councils.
7. Property Tax Collection Staff Monitoring System
8. ICT Based Grievance Registration System
9. ICT Based MSME Share Technology
10. Customer/Vendor Service Application
11. Employee Attendance System

Detailed Scope of Work

ICT Based Waste Collection Monitoring technology for Household/Commercial/Other Properties	
Sr No	Description
I	Design, Development and Implementation of Door-to-Door Waste collection Monitoring technology
	Generating and Pasting of Unique code stickers on each properties under jurisdiction of Municipal corporation/municipal Council
	Registration of the Properties into the software.
	Data Availability for 365 days
	Data regarding total waste deposited at dump yard with description of wet or dry waste in quantity. Data regarding trips made by each garbage collection vehicle at the dumpyard with quantity of waste with bifurcation of dry/wet waste deposited by each vehicle at the dumpyard.

	<p>Application for Garbage Collection Workers/Drivers</p> <ol style="list-style-type: none"> 1. Attendance Menu – To register daily in and out time by virtue of login ID and Passwords unique for each employee/driver 2. Scanning Menu - This feature will be provided to the waste collectors to scan the unique code after pickup of the waste from a location 3. Work History - The work history of the employee shall be automatically registered on the application
	<p>Portal shall generate following Reports:</p> <ol style="list-style-type: none"> 1. Households Report - Source Segregation 2. Garbage Collection Report -Ward-wise 3. Garbage Vehicle Route History Report 4. Evaluation of Garbage collection workers performance report 5. Geo Mapping of property

ICT Based Community Toilet/ Public Toilet (CT/PT) Feedback System:

Sr No	Description
I	CT/PT feedback system will have unique codes on each CT/PT & exclusive input number for feedback registration
	Generating and Pasting of unique Code stickers on each CT/PT
	Data Availability for 365 days
	Reporting Portal:
	<p>Reporting Portal shall generate following Reports:</p> <ol style="list-style-type: none"> a) Voice based Reports on Feedback registration by citizen b) Call Details Menu c) Downloadable Reports of feedback registration by citizens
	<p>Exclusive Input Number for Registration of Toilet Feedback</p> <ol style="list-style-type: none"> a) Menu for feedback registration by virtue of answering various questions for feedback registration. b) Menu for registration of voice based feedback.

ICT Based Street Sweeping Monitoring System

Sr No	Description
I	Street Sweeping Monitoring system will have unique codes on each Sweeping points in the city
	Data Availability for 365 days
	<p>Sweeping & Cleaning Staff Application:</p> <ol style="list-style-type: none"> 1. Attendance Menu – To register daily in and out time with allotment of login ID and Passwords for each sweeper 2. Scanning Menu – With this menu, sweeper will be able to scan the Unique codes pasted on various sweeping points in the city. 3. Upload Photo/Comment – application shall have facility to upload before/after photo of work done. 4. Employee Work Summary Log
	Reporting Portal:

	<p>Reporting Portal shall generate following Reports:</p> <ol style="list-style-type: none"> 1. Sweeping Point wise work report 2. Attendance report/Idle time spent on sweeping worker 3. Performance evaluation reports- worker wise.
--	--

ICT Based Liquid Waste Cleaning Monitoring System	
Sr No	Description
I	Liquid Waste Cleaning Monitoring system will have unique codes placed on each Liquid Cleaning points in the city
	Data Availability for 365 days
	<p>Application for Liquid Waste Cleaning workers:</p> <ol style="list-style-type: none"> 1. Attendance Menu : Liquid waste cleaning worker will be provided with login Id and password. Duty in time and out time will be registered on the basis of log in and log out. 2. Scanning Menu: With this menu, sweeper will be able to scan the Unique codes pasted on various sweeping points in the city. 3. Upload Photo/Comment Menu: The application shall have facility to upload before and after photos regarding the work 4. Employee Work Summary Log
	Reporting Portal
	<p>Reporting Portal shall generate following Reports:</p> <ol style="list-style-type: none"> 1. Status report - Liquid waste cleaning Point wise 2. Attendance report 3. Performance evaluation reports- worker wise.

Unique Feedback Number for Citizens - YOCC	
Sr No	Description
I	<p>Feedback / grievance Registration of Citizens</p> <ol style="list-style-type: none"> 1. Feedback/Grievance Registration on voice based platform 2. 24x7 Availability to the citizens 3. ULB's Service Level Progress Validation questions 4. Volunteer Registration Menu 5. Grievance Registration 6. Important Notification such as plastic ban etc.
	Data Availability for 365 days
	Reporting Portal:
	<p>Reporting Portal shall generate following Reports:</p> <ol style="list-style-type: none"> 1. Citizen Feedback/ grievance reports on voice platform 2. Downloadable Reports on Service Level Progress Validation responses registered by citizens (Validation Questioner) 3. Volunteer Registration Report on voice platform 4. Call Detail Reports.

Uniquely Developed Local App for Municipal Corporations/Municipal Councils	
Sr No	Description
1	Development & Installation of Local App for Municipal Corporation/Municipal Council for Awareness of SWM
	Development of Local App with separate menus for <ol style="list-style-type: none"> 1. Registration of Complaints/suggestions for sanitation, dumping of garbage, littering, overflowing and litter bins. 2. Garbage Vehicle Locator 3. Complaints Status notification to Citizens 4. Information regarding Various Awareness Initiatives Municipal Corporation/Municipal council for Awareness 5. Reporting Portal
	Data Availability for 365 days
	Reporting Portal:
	Reporting Portal shall provide: <ol style="list-style-type: none"> 1. Photo/Video Upload Provision 2. Multiple information can be displayed in the application 3. Concerned officer can change the status of grievance registered by citizen

Property Tax Collection Staff Monitoring System:	
Sr No	Description
1	Development of Reporting Portal for getting various reports through scanning of Unique Code Stickers
	Data Availability for 365 days
	Application for Property Tax Collection Staff: <ol style="list-style-type: none"> 1. Scanning Menu: With this menu, the officer will be able to scan the Unique codes pasted on various properties in the city and also enter feedbacks or inputs given by the citizens 2. Attendance Menu: Each property tax collection officer will be provided with login Id and password. Duty in time and out time will be registered on the basis of such log in and log out. 3. Photo/Comment Upload Menu: The application shall have facility to upload before and after photos regarding the households or commercial establishments. 4. Employee Work Log
	Reporting Portal:
	Reporting Portal shall provide: <ol style="list-style-type: none"> 1. Field Officer Visits Report 2. Routes Reports. 3. Reports regarding feedbacks/comments given by households or commercial establishments. 4. Performance Assessment Report 5. Attendance report

Training	
Sr No	Description
I	Training to be given to the municipal corporation/municipal council staff (One Time)

On Field Support	
Sr. No	Description
I	Post Commissioning on field support by the appointed supervisor to the Municipal Corporation/Municipal Council Staff or Garbage Collection Staff/Drivers

Note:

1. The Budgetary Estimate and Technical Solution shall be placed in separate sealed envelopes only. Both the bids are to be placed in a separate sealed cover.
2. Opening of Budgetary estimate after the evaluation of Technical response (Only for technically qualified bidder).
3. The bidders who have not fulfilled the commitments made in our earlier EOIs need not apply.
4. Conditional offers are liable for rejection.
5. JV or Consortium is not allowed.

BECIL reserves the right to accept or reject in part or full any or all the EOIs without assigning any reasons therefore and without incurring any liability to the respondents.

Methodology of demonstration & evaluation:

- Agency will have to give detailed presentation of offered solution.
- BECIL shall provide / allot location for presentation cum demonstration of offered solution.
- Agency will have to demonstrate the offered solution by installing the required components within the time limit given in the EoI. The cost of the preparation of EoI as well as arranging presentation cum demonstration should be borne by the agency only on No Cost No Commitment basis.
- An expert committee will be formed by BECIL to study/evaluate the proposed models and to select the best and cost effective technology platform/products etc. from all proposed solution.
- This EoI does not commit BECIL to award a contract or to engage in negotiations.
- BECIL reserves the right to accept or reject any or all proposals without assigning any reasons whatsoever. BECIL decision in this matter will be final.

3. PRE-QUALIFICATION CRITERIA & PROPOSAL EVALUATION

QUALIFICATION CRITERIA

The bidders that meet ALL of the following qualification criteria need only apply. The bidder shall fulfill all of the following qualification criteria independently on the date of submission of proposal or as specified in the criteria:

Pre-Qualification Evaluation Criteria-Financial

S No.	Criteria	Compliance (Yes/No)	Supporting Documents To Be Submitted
1	Bidder Should be company registered under Companies Act 1956/2013.		Signed and Stamped Documents as per Annex A
2	Mandatory Certificates/Undertakings		
	Bidder Members should not have been blacklisted by any of the Central Government or State Government or any organisation under Central/ State Government. Should not have been found guilty of any criminal offence by any court of law in India or abroad.		Undertaking on a non-judicial stamp paper of Rs. <u>100/-certified by Notary</u>
	Bidder and its directors and officers should not have been convicted of any criminal offence related to their professional conduct or the making of false statement or misrepresentations as to their qualifications to enter into procurement contract disqualified pursuant to debarment proceedings		Undertaking on a non-judicial stamp paper of Rs.100/-certified by Notary.

	Bidder should not have a conflict of interest in the procurement in question as specified in the bidding documents. Comply with the code of integrity as specified in the bidding document		Self-Declaration/Certification on letter head.
3	Tax Registration: The Bidder should submit		Signed and Stamped Form as per Annexure-2
	a. GSTN		
	b. PAN		
	c. Company Registration Certificate		
4.	Business Turnover: Bidder should have an average annual turnover of Rs.3 (Three) Crores in each of the last three consecutive financial years i.e. 2016-17 and 2017-18 and 2018-19.		Signed and Stamped Form as per para 4.5.3 of Annexure -5
7.	Bidder should have valid ISO 9001:2015 & ISO 27001:2013 Certificate. Bidder should have valid CMMI Maturity Level 5 for providing services of Information Technology & Information Technology Enabled Services		Certificate should be valid At the time of bid.

Qualification Evaluation Criteria-Technical

a) Technical Bid Evaluation (Marking) Criteria

The Technical Evaluation will be conducted based on the relevant support documents submitted by the Bidders.

S. No.	Description	Evaluation Criteria	Criteria wise Marks	Maximum Marks
1	Project Experience based on Number of Similar Projects Executed by the Bidder Experience in executing During last 3 years as on last date of previous month of bid opening	15 or more projects	20	20
		10-15 projects	15	
		5-10 projects	10	
		1-5 projects	5	
2	Project Experience based on Value of Projects Executed: The Bidder should have successfully executed project pertaining to ICT Based Technology for any Urban Local Body (ULB) in India	Total of 5 work orders comprising value of 1 cr (10 Marks)	20	20
		Total of 7 work orders comprising value of 1 cr (5 Marks)	15	
		Total of 10 work orders comprising value of 1 cr (2 Marks)	10	
3	Technical Presentation: Based on Understanding of the Project	Detailed technical presentation with approach & methodology, and project plan	30	30
4	Proof of Concept: Product demonstration with report generation of the proposed system by the Bidder Product Demonstration with report generation regarding: 1) Waste Segregation by household/commercial/other properties 2) Ward wise waste pattern submission report 3) Garbage availability in Dump Yard Report	Live Product demonstration with all the 5 features of any municipal council / municipal corporation in India: 10 Marks Live Product demonstration with at least 3 features of any municipal council / municipal corporation in India:	20	20

	<p>4) Garbage Collection Employee performance evaluation report</p> <p>5) Geo tagged house on map report</p>	<p>7 Marks</p> <p>Product demonstration (non-live) with all the 5 features of any municipal council / municipal corporation in India: 5 Marks</p> <p>Product demonstration (non-live) with at least 3 features of any municipal council / municipal corporation in India: 2 Marks</p>		
5	<p>Bidders should have valid ISO 9001:2015 & ISO 27001:2013 Certificate.</p> <p>Bidder should have valid CMMI Maturity Level 5 for providing services of Information Technology & Information Technology Enabled Services</p>	<p>All 3 certificates - (10 Marks)</p>	10	10

PROPOSAL EVALUATION

- a) The bidders' proposals will be evaluated as per the requirements specified in the EOI and adopting the qualification criteria as spelt out in this EOI. The Bidders are required to submit all required documentation as per qualification criteria as specified in EOI.
- b) The evaluation parameters for the RFP will be on a combination of the Technical Score that will carry a weight of 70% and Financial Score at 30%.
- c) The evaluation score will be a combination of Technical and financial score (QCBS).
- d) The bidder scoring highest in the final Combined score will be selected.
- e) It will be bidder's responsibility to furnish sufficient and relevant information / documents in support of their claim that they meet the requirements in the qualification criteria fully.
- f) EOI proposals received by the prescribed date and times shall only be considered and evaluated by evaluation committee constituted by competent authority.
- g) Evaluation of proposals shall be based on:
 - i. Information contained in the proposal, the documents annexed there to and clarifications provided, if any.
 - ii. Experience and Assessment of the capability of the bidder based on past record.
 - iii. Comments on ToR/Scope of Work as per annexure provided in EOI document.
- h) BECIL reserves right to seek any clarifications on the already submitted bid documents; however no fresh documents shall be accepted in support of proposals.
- i) Conditional proposals shall NOT be accepted on any ground and shall be rejected straight way. If any clarification is required, the same should be obtained before submission of the proposals.
- j) Even though bidders satisfy the necessary requirements they are subject to disqualification if they have:
 - i. Made untrue or false representation in the form, statements required in the EOI document.
 - ii. Records of poor performance such as abandoning work, not properly completing contract, financial failures or delayed completion.

ARBITRATION CLAUSE

i. Any dispute or difference or claim arising out of or in relation to this contract, including the construction, validity, performance or breach thereof, shall be settled or decided by arbitration to be conducted by CMD, BECIL or by any other person to be nominated by CMD, BECIL. Arbitration shall be conducted as per Arbitration & Conciliation Act, 1996. The seat of the arbitration shall be at New Delhi.

ii. The agency must ensure that there is no legal action/dispute initiated or pending at the time of signing of contract and during the execution and implementation (i.e. currency) of the project which is likely to concern or affect BECIL in any manner. If any such case is found pending, the contract will automatically become invalid and the agency will be penalized by withholding the EMD, PBG and legal action will be initiated as deemed fit by the competent authority. All ongoing and future business association with BECIL will also be terminated.

4. ANNEXURES

ANNEXURE 1: PROPOSAL COVERING LETTER (ON BIDDER'S LETTERHEAD)

To,

The Chairman and Managing Director,
Broadcast Engineering Consultants India Limited
14-B, Ring Road, Indraprastha Estate,
New Delhi-110002

Subject: Submission of the Proposal for <insert EOI Name> <EOI No.>

Dear Sir,

1. We, the undersigned, offer to provide services to BECIL with reference to your Expression of Interest <insert EOI Name> dated <insert EOI date> and our Proposal. We are hereby submitting our proposal.
2. We hereby declare that all the information and statements made in this proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.
3. We agree to abide by all the terms and conditions of all the volumes of this EOI document. We would hold the terms of our proposal valid for the number of days as stipulated in the EOI document.

Yours sincerely,

(Authorized

Signatory) Signature:

Name:

Designation:

Address:

Seal:

Date:

ANNEXURE 2: BIDDER'S GENERAL INFORMATION (ON BIDDER'S LETTER HEAD)

Bidder need to fill in the details (with supporting documents attached).

1.	Name of Bidder	
2.	Type of Bidder(registered company under Indian Companies Act, 1956/2013	
3.	Year of establishment	
4.	Address of registered office with telephone no. and fax no.	
5.	Address of office/sin National Capital Region of Delhi	
6.	Permanent Account No.	
7.	GSTN Reg. No.	
8.	Whether the firm has been blacklisted By any Central Govt. /State Govt./PSU/ Govt. Bodies/Autonomous? If yes, details thereof.	
9.	Name, Designation and address of the Officer to whom all references shall be made regarding this EOI	
10.	Contact details of Authorized signatory In reference to this EOI	

(Authorized Signatory)

Signature:

Name:

Designation:

Address:

Seal:

Date:

ANNEXURE 3: DECLARATION LETTER (ON BIDDER'S LETTERHEAD)

DECLARATION

- i. I, <Name & Designation>solemnly affirm that the facts stated above are correct and nothing has been withheld. If any information submitted above, is found to be false or fabricated, I may be liable to be debarred from Engagement.
- ii. I permit BECIL to inspect my records to ascertain the above facts.
- iii. I permit BECIL to cross check the above facts from any other source.
- iv. I or my authorized representative, if required by BECIL, would make a presentation before the duly constituted Committee at my own cost.
- v. I will abide by the decision of BECIL regarding Engagement.
- vi. I have read & understood the EOI document and agree to all the terms & conditions stated there in.

(Authorized

Signatory) Signature:

Name:

Designation:

Address:

Seal:

Date:

ANNEXURE 4: ACCEPTANCE LETTER (ON BIDDER'S LETTERHEAD)

To,

The Chairman and Managing Director,
Broadcast Engineering Consultants India Limited.
14-B, Ring Road, Indraprastha Estate,
New Delhi-110002

Subject: Acceptance of EOI Terms & Conditions of <EOI No.>

Dear Sir,

1. I/We hereby certify that I/We have understood and clarified the entire terms and conditions of the EOI documents and I/We shall abide by the conditions/clauses contained therein.

2. I/We hereby unconditionally accept the EOI conditions of EOI document in its entirety for the above work.

3. The contents of clauses of the EOI documents have been noted where in it is clarified that after unconditionally accepting the EOI conditions in its entirety, it is not permissible to put any re- marks/conditions in the EOI and the same has been followed in the present case. In case, this provision of the EOI is found violated after opening the proposal. I/We agree that the EOI shall be rejected and Government Departments/Any Government Organization shall without prejudice to say other right or remedy bear liberty to forfeit the said earnest money absolutely,

4. 'That, I/We declare that I/We have not paid and will not pay any bribe to any officer of BECIL for awarding this contract at any stage during its execution or at the time of payment of bills, and further if any officer of BECIL asks for bribe/gratification, I/We will immediately report it to the Appropriate Authority'.

Yours sincerely,

(Authorized Signatory)

Signature:

Name:

Designation:

Address:

Seal:

Date:

ANNEXURE 5: Detail of Work Experience (on bidder's Letter Head)

S. No.	Client Name	Work Order Ref. No.	Date of WO	Date of Start	Date of Completion (if any)	Scope of Work	Amount Of Work Order

(Authorized Signatory)

Signature:

Name:

Designation:

Address:

Seal:

Date:

ANNEXURE 6: Financial Strength of the Bidder (on bidder's Letter Head)

S. No.	Financial Year	Net-worth Status (Positive/Negative)	Whether Profitable (Yes/No)	Annual Profit Before Tax (in Lakhs of ₹)	Overall Annual Turnover (in Crores of ₹)	Annual Turnover (in Crores of ₹)
	2016-17					
	2017-18					
	2018-19					

(Note: Auditor's certificate should be submitted along with proposal)

(Authorized Signatory)

Signature:

Name:

Designation:

Address:

Seal: Date: