

EXPRESSION OF INTEREST
FOR
SELECTION OF SYSTEM INTEGRATOR FOR
IMPLEMENTATION AND
EXECUTION OF ELECTRIC VEHICLE ECOSYSTEM
WITHIN MAHARASHTRA

Ref No. BECIL/PROJ./GM/VPS/EV/MAHARASHTRA/2023

Dated: 01.08.2023

Issued By

V.P Singh GM (BECIL)

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SECTION -I

1. NOTICE INVITING EXPRESSION OF INTEREST

BECIL invites Expression of Interest (EOI) for Selection of System Integrator for Implementation of Electric Vehicle (EV) ecosystem within Maharashtra.

2. INTRODUCTION

In order to address the pressing need for reducing pollution and establishing a clean and sustainable transportation system the Government of Maharashtra has formulated Maharashtra Electric Vehicle Policy - 2021. This policy aims to promote the adoption of Electric Vehicles (EVs) and create a pollution - free environment while also generating employment opportunities. However, the successful implementation from conventional to electric mobility requires a comprehensive and coordinative approach involving multiple departments including the Environment Department, Home Department (Police), Transport Department, Information and Technology Department, Energy Department, Urban Development Department and District Administration, Local Municipal bodies and authorities.

3. INTENT OF EXPRESSION OF INTEREST

Department of Environment and Climate Change has announced the Maharashtra Electric Vehicle Policy - 2021 as per Government Resolution dated 23.07.2021. Broadcast Engineering Consultants India Ltd. is ISO certified Mini Ratna, Public Sector Enterprise of Government of India under Ministry of Information and Broadcasting, which is registered under Department of Electronics and Information Technology (Diet Y) and Ministry of Electronics and Information Technology (Miet Y) which works as consultancy agency, system integrator as well as turnkey solution providers in the field of Broadcast Engineering and Information and Communication Technology. Whereas Broadcast Engineering Consultant India Ltd vide its proposal dated 15th June, 2023 has requested to be appointed as technical consultancy company for purposes of planning, design, implementation of Maharashtra Electric Vehicle Policy- 2021 without any cost to the State Government.

Government of Maharashtra has appointed Broadcast Engineering Consultants India Limited (BECIL) having its Head office at 14-B, Ring road, Indraprastha Estate, New Delhi 110002 associated with Transport Department, Government of Maharashtra as technical consultancy company for planning, design, implementation of E-Rickshaw under electric vehicle policy in Thane district.

The Intent of this Expression of Interest is (EOI) to select a System Integrator for adoption of Electric Vehicles, developing Charging Infrastructure and create an environment conducive for growth of Electric Vehicle usage.

Submission of Online Bids is mandatory for this EOI. Prospective

bidder/OEM/Implementation Agency s need to submit their bids with the most competitive Techno-commercial offer for the aforementioned work. EOI document is available on BECIL website (<http://becil.com>) & Ewizard (<http://becil.euniwizard.com>). The important dates are as given below:-

4. IMPORTANT DATES

EOI SCHEDULE AND CRITICAL DATES

	ACTIVITY	SCHEDULED DATE & TIME
1.	EOI Issue to Prospective bidder/Implementation Agency(s)	BECIL/PROJ./GM/VPS/EV/MAHARASTRA/2023 Dated: 01 st August 2023
2.	Pre Bid Meeting	11:30 Hrs on 4 th August , 2023
3.	Venue for Pre Bid Meeting	BECIL Bhawan, C-56 / A -17, Sector - 62, Noida - 201 307.
4.	Date and Time for Submission of bids	Upto 15:00 Hrs. on 09 th August , 2023
5.	Date and Time for Opening of Technical Bids	Online on 16:00 Hrs. on 09 th August , 2023
6.	Date and Time for Opening of Financial Bids	To be intimated
7	Availability of Document	https://www.becil.com , https://becil.euniwizarde.com
8.	E-tender Portal Fee (Non-refundable)	INR 3,540/- E-tender Portal Fee (non-transferrable & non-refundable) payable through online e-Portal
9.	EOI document Fee (Form Fee) (Non- Refundable)	INR 1,180/- Form Fees (non-transferrable & non-refundable) payable through online e-Portal.
10.	Earnest Money Deposit (EMD Refundable)	EMD amount of INR 5,00,000/- to be submitted online through https://becil.euniwizard.com
11.	Address for Communication of bids	BECIL Bhawan, C-56 / A -17, Sector - 62, Noida - 201 307.
12.	Contact details of BECIL	Mr. V.P. Singh (General Manager, BECIL) Email : vpsingh@becil.com Preeti Chaudhary (Manager, BECIL) Email : preeti.chaudhary@becil.com
13.	Contact details of ITI	Mr. Anshuman : +91-9355030616 Mr. Awesh Tyagi: 9205898224 Mr. Bhuneshwar: 9205898226 Mr. Nehal: 8800991855
14.	Help Desk of ITI	011-49606060 (From 10:00Hrs to 18:00 Hrs)

Broadcast Engineering Consultants India Ltd. reserves the right to amend the EOI tentative schedule and critical dates.

Bids shall be submitted on E-wizard Portal (<http://becil.euniwizard.com>). bidder/OEM/Implementation Agency s are advised to visit E-wizard Portal (<https://becil.euniwizarde.com>) and/or BECIL website regularly for updates / amendments/ corrigendum, if any. bidder/OEM/Implementation Agency(s) can contact on the details given in this EOI's datasheet for requisite queries regarding registration, training, demonstration, etc. of euniwizard.

5. GENERAL INFORMATION

- a) Complete EOI document can be download from e-Tender portal of BECIL <https://becil.euniwizard.com> and www.becil.com. The Submission mode of the bid is Online.
- b) It is mandatory for all the applicants to have Class-III Digital Signature Certificate (in the name of person who will sign the bid document) from any of the licensed certifying Agency.
- c) The tender document shall be issued to MSEs (Micro & Small Enterprises) units/ bidder/OEM/Implementation Agency(s) registered with MSME free of cost, provided the tendered item is listed in the Registration Certificate of MSME. The certificate should remain valid on the date of submission of BID.

d) INSTRUCTIONS FOR E-TENDERING PORTAL OF BECIL

i. E-TENDER PORTAL FEE

The bidder/OEM/Implementation Agency has to pay a non-refundable **e-tender portal fee amounting to ₹ 3540/-** (Non-refundable) by way of on-line payment on e-tender portal before submission of the proposal.

ii. SUBMISSION OF THE PROPOSAL

The bidder/OEM/Implementation Agency s are advised to study the EOI document carefully. Submission of proposals shall be deemed to have been done after careful study and examination of the EOI document with full understanding of its implications. bidder/OEM/Implementation Agency(s) shall have to submit their proposal (Technical and Financial) online through the e-tendering website <https://becil.euniwizarde.com>.

iii. E-TENDERING PROCEDURE

- a) E-Procurement is the complete process of e-tendering from publishing of tenders online, inviting online bids, evaluation and award of contract using the system. You may keep a watch of the tenders floated under <https://becil.euniwizarde.com>. These will be invited for online Bids. bidder/OEM/Implementation Agency Enrolment can be done using " bidder/OEM/Implementation Agency Enrolment".
- b) The instructions given below are meant to assist the bidder/OEM/Implementation Agency s in registering on the e-tender Portal, and submitting their bid online on <https://becil.euniwizarde.com> the e-tendering portal as per uploaded bid.
- c) More information useful for submitting online bids on may be obtained at: <https://becil.euniwizarde.com>

iv. GUIDELINES FOR REGISTRATION ON PORTAL

- a) bidder/OEM/Implementation Agency s are required to enroll on the e-Procurement Portal by clicking on the link "Online bidder/OEM/Implementation Agency Enrolment" on the e-tender Portal by paying the Registration fee of Rs. 2360/- (inclusive of taxes).
- b) As part of the enrolment process, the bidder/OEM/Implementation Agency s will be required to choose a unique username and assign a password for their accounts.
- c) bidder/OEM/Implementation Agency s are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidder/OEM/Implementation Agency s.
- d) Upon enrolment, the bidder/OEM/Implementation Agency s will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile. Or bidder/OEM/Implementation Agency s can contact our help desk for getting the DSC.
- e) Only valid DSC should be registered by a bidder/OEM/Implementation Agency . Please note that the bidder/OEM/Implementation Agency s are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- f) bidder/OEM/Implementation Agency then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.
- g) The scanned copies of all original documents should be uploaded in pdf format on portal <https://becil.euniwizarde.com>.
- h) After completion of registration payment, the bidder/OEM/Implementation Agency s need to send their acknowledgement copy on our help desk mail ID: helpdeskeuniwizarde@gmail.com for activation of your account.

Helpdesk Number: Tel 011-4960606, 9355030616, 9560364871

v. **SEARCHING FOR TENDER DOCUMENTS ON PORTAL**

- a) There are various search options built in the e-tender Portal, to facilitate bidder/OEM/Implementation Agency(s) to search active tenders by several parameters.
- b) Once the bidder/OEM/Implementation Agency s have selected the tenders they are interested in, you can pay the form fee and processing fee (NOT REFUNDABLE) by net-banking / Debit / Credit card then you may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders will be moved to the respective 'requested' Tab. This would enable the e- tender Portal to intimate the bidder/OEM/Implementation Agency(s) through e-mail in case there is any corrigendum issued to the tender document.

vi. **PREPARATION FOR SUBMISSION OF EOI**

The EOI must contain:

- a) Company profile relevant to EOI. It should also include details of past experience relevant to the "Scope of work "
- b) Declaration regarding acceptance of Terms and conditions of EOI and declaration of not been blacklisted by any of the Government agency.
- c) Essential information as given below :
 - i. Name & address of the agency
 - ii. Business name
 - iii. E-mail id
 - iv. Fax No. /Telephone No.
 - v. Authorized Signatory name, e_mail id and contact no.
- d) The agency/ bidder/OEM/Implementation Agency shall ensure that it fulfills the eligibility criteria as desired in EOI and other essential conditions. Compliance statement of Eligibility criteria with the documents submitted as a proof is to be prepared and submitted. The supporting documents may be list of existing and past clients with details of services offered, details of similar projects executed.
- e) The EOI should be duly signed on each page by authorized person. Each page should be properly numbered. Documents authorizing such person must accompany the EOI.BECIL reserves the right to reject out rightly any EOI unsupported by proof of the signatory's authority.
- f) The validity period of EOI should be 6 months from the date of opening of EOI.
- g) The EOI complete in all respects must be submitted with requisite information and annexure(s). The EOI should be free from ambiguity, change or interlineations.

Incomplete EOI will not be considered and is liable to be rejected without making any further reference to agency/ bidder/OEM/Implementation Agency(s).

h) The EOI should be addressed to:-

THE CHAIRMAN & MANAGING DIRECTOR
BECIL Bhawan, C-56, A/17, Sector - 62 ,
Noida - 201301, UP

- i) EOI must be submitted through <https://becil.euniwizarde.com> portal only. EOI received by post or any other mode after or before the closing date and time mentioned above shall not be considered. EOI(s) sent through TELEX/FAX/Email will not be entertained.
- j) Any amendment in the EOI document, if required, will be posted on website www.becil.com and <https://becil.euniwizarde.com>. All the applicants are therefore advised to regularly visit these websites before submitting the EOI.
- k) The agency/ bidder/OEM/Implementation Agency(s) may be asked to make a presentation before the committee. The evaluation of EOI will also be based on such presentation.

vii. PREPARATION OF BIDS ON PORTAL

- a) The bidder/OEM/Implementation Agency should take into account any corrigendum published on the tender document before submitting their bids.
- b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- c) bidder/OEM/Implementation Agency, in advance, should get ready the bid documents to be submitted as indicated in the tender document /schedule and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with Color option which helps in reducing size of the scanned document.
- d) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST, Annual reports, auditor certificates etc.) has been provided to the bidder/OEM/Implementation Agency. The bidder/OEM/Implementation Agency can use "My Documents" available to them to upload such documents.
- e) These documents may be directly submitted from the "My Documents" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

viii. SUBMISSION OF BIDS ON PORTAL

- a) The bidder/OEM/Implementation Agency should login to the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. bidder/OEM/Implementation Agency will be responsible for any delay due to other issues.
- b) The bidder/OEM/Implementation Agency has to digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions laid down by BECIL.
- c) The bidder/OEM/Implementation Agency has to select the payment option as “e-payment” to pay the tender fee / EMD as applicable and enter details of the instrument.
- d) The bidder/OEM/Implementation Agency s are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidder/OEM/Implementation Agency s. bidder/OEM/Implementation Agency s are required to download the BOQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder/OEM/Implementation Agency). No other cells should be changed. Once the details have been completed, the bidder/OEM/Implementation Agency should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder/OEM/Implementation Agency , the bid will be rejected.
- e) The server time (which is displayed on the bidder/OEM/Implementation Agency s’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidder/OEM/Implementation Agency s, opening of bids etc. The bidder/OEM/Implementation Agency s should follow this time during bid submission.
- f) The uploaded tender documents become readable only after the tender opening by the authorized bid openers. Upon the successful and timely submission of bid click “Complete” (i.e. after Clicking “Submit” in the portal), the portal will give a successful Tender submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details. The tender summary has to be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

ix. CLARIFICATION

For any clarification related to using the portal, you may visit the below link:

<https://becil.euniwizarde.com>

- a) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- b) Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the Helpdesk Support.
- c) Please feel free to contact euniwizard helpdesk (as given below) for any query related to

E-tendering Phone No. 011-49606060

Mail id: - helpdeskeuniwizarde@gmail.com

6. PRE-BID MEETING

BECIL will host a Pre-Bid Meeting on **15:00 hours on 4th August , 2023** at the following venue:-

Broadcast Engineering Consultants India Ltd.

BECIL BHAWAN,

C - 56, A/17, Sector - 62,

Noida - 201307

Tele phone - 0120-4177850

The purpose of the meeting is to provide bidder/OEM/Implementation Agency with information regarding the EOI and the Project requirements, and to provide each bidder/OEM/Implementation Agency with opportunity to seek clarifications regarding any aspect of the EOI and the Project. However, BECIL reserves the right to hold the pre-bid meeting and respond to any query or clarification in part or full.

Intended bidder/OEM/Implementation Agency s can send their queries on or before **24 hours** of pre bid meeting date i.e. **11:30 hours on 03 August, 2023** via email to vpsingh@becil.com.

7. ELIGIBILITY CRITERIA

Note :-

- (i) The Pre-Qualification condition mentioned in the EOI document is MANDATORY. In case the bidder/Implementation Agency does not meet any one of the conditions, the bidder/Implementation Agency will be disqualified.
- (ii) The bidder/Implementation Agency are requested to furnish information and documents to establish their eligibility. If a bid is not accompanied with all necessary documents, it may be summarily rejected.
- (iii) Only the bidder/Implementation Agency, who fulfills the Pre-Qualification Criterion, will qualify for Technical Evaluation. Failing to any of the pre-qualification Criteria shall lead to dis-qualification of the proposal.

A. PRE-QUALIFICATION CRITERIA

- i. The bidder / Implementation Agency should submit an Undertaking / Authorization from software provider for providing Citizen app and Driver's app.
- ii. The bidder/Implementation Agency should submit an Undertaking / Authorization from battery-swapping operator having an experience of minimum 04 years and have deployed 2,000 e-Autos/ E-Rikshaw.

The Battery swapping providers should support open network to be adopted by vehicle (electric) auto OEMs and battery swapping technology should be OEM agnostic and should meet the specification as per the Technical specification for swappable battery mentioned in this EOI.

- iii. The bidder/Implementation Agency should submit the undertaking / authorization from 2/3 Electric Auto OEMs.
- iv. The bidder / Implementation Agency should submit the NOC from 3/4 NBFC or Nationalized Banks
- v. Bidders should submit authorization or undertaking at least 2/3 Insurance Companies.

vi. PAYMENT TERMS:

BECIL will charge facilitation charges & monitoring charges for each E-Auto deployed.

The selected bidder should submit the undertaking for paying the mandatory

fee as under :

- i. TO BECIL - Rs. 1000/- per E - Auto
 - ii. To MGL - Rs. 500/- per E - Auto
- vii. The bidder/Implementation Agency should provide a single clearance window website and submit an undertaking regarding the same alongwith the bid.

B. TECHNICAL CRITERIA

- i. **The bidder / Implementation Agency should be an Indian Registered Company under Companies Act 1956 or 2013 / Proprietorship / Partnership Firm.** Copy of Certificate of Incorporation/ Registration/ Partnership Deed or any other relevant document, as applicable, should be submitted along with a copy of address proof.
- ii. The bidder/Implementation Agency should have a valid PAN and GST Registration (copy of PAN card and GST Registration certificate should be submitted in the bid). Copy of PAN card and GST Registration certificate should be submitted in the bid.
- iii. **The total annual turnover of the bidder / Implementation Agency or OEM should be Rs. 06 Crore or higher for the last three financial years i.e. 2019-20,2020-21 and 2021-22.** (Chartered Accountant Certificate as proof of turnover).
- iv. The bidder/Implementation Agency should not be insolvent, in receivership, bankrupt or being wound up, not have had their business activities suspended and not be the subject of legal proceedings for any of the foregoing. **An undertaking by the bidder / Implementation Agency should be submitted on Rs 100/- Stamp paper duly notarized that no such action is pending.**
- v. The bidder/OEM/Implementation Agency should not be blacklisted /debarred/banned/restricted by any Union Govt./State Govt. / PSU as on date of submission of the Bid. "No-Conviction Certificate" duly signed by authorized signatory signing the bid, the declaration of the same to be submitted in letter head.
- vi. The bidder/OEM/Implementation Agency should have Local Office where work is to be executed. Else, he should give an undertaking that he will open Local office after Award of Work.
- vii. **The bidder / OEM / Implementation Agency should have tie-up with service provider for providing the mobility Platform with drivers app and citizen app for Ride booking, The platform should be open Mobility Platform i.e. 100 % open - source and open - data Service Provider should have experience alongwith diver partner.**
- viii. A statement showing Clause-by-Clause compliance to all Terms & Conditions of

all the Sections of this EOI. The bidder/OEM/Implementation Agency shall submit technical data sheet by highlighting each complied specification along with the technical compliance on from OEMs on their letter heads.

- ix. The Authorized Signatory for signing the Contract / Agreement with BECIL should be duly authorized by Competent Authority to sign the Contract / Agreement on their behalf.
- x. **VALIDITY PERIOD OF BID:** 60 Days from the last date of submission of EOI.
- xi. The bidder/OEM/Implementation Agency should possess a strong technical background and expertise in electric vehicle (EV) technology, charging infrastructure, energy management systems, and ride booking platforms.
- xii. The bidder/OEM/Implementation Agency should have experience in implementing similar projects, preferably on a large scale. They should have successfully executed projects related to EV adoption, charging infrastructure deployment, ride booking platforms, and related services.
- xiii. The bidder/OEM/Implementation Agency should have sound financial stability and the capability to invest in the required infrastructure and resources for the project's implementation and ongoing operations.
- xiv. The bidder/OEM/Implementation Agency should demonstrate a thorough understanding of the regulatory landscape, compliance requirements, and policies related to electric vehicle adoption, charging infrastructure deployment, and related areas.
- xv. The bidder/OEM/Implementation Agency should have strong project management capabilities to oversee and coordinate the onboarding process of auto drivers, auto OEMs, charging infrastructure providers, financing companies, and insurance companies. They should be able to efficiently manage the identification of charging and parking locations, energy infrastructure setup.
- xvi. The bidder/OEM/Implementation Agency should be able to provide an integrated ride booking platform that incorporates charging and parking systems. They should have the technical competence to develop, customize, and maintain the required software and hardware solutions for seamless operations.
- xvii. The bidder/OEM/Implementation Agency should have a robust customer support system to address the needs and concerns of auto drivers, customers, and other stakeholders. They should provide ongoing maintenance, updates, and troubleshooting services to ensure smooth operations of the platform and infrastructure.

- xviii. **The eligibility criteria for a bidder/OEM/Implementation Agency and its technology partner for the state-wide implementation of the transition to electric auto should be in line with the state transport department guidelines.**
- xix. The bidder/OEM/Implementation Agency should adhere to the guidelines provided by the state transport department. They should demonstrate a clear understanding of the regulatory framework, tariff restructuring requirements, and any other guidelines specified by the department.
- xx. The bidder/OEM/Implementation Agency should have robust data security measures in place to protect user data and ensure privacy. They should comply with applicable data protection laws and regulations.
- xxi. The bidder/OEM/Implementation Agency proposed solution should be scalable to accommodate future growth and evolving technology requirements. They should demonstrate their ability to adapt to changing market dynamics and technological advancements in the EV ecosystem.
- xxii. The bidder/OEM/Implementation Agency should provide comprehensive support and maintenance services for the implemented solution. This includes regular updates, bug fixes, and troubleshooting to ensure uninterrupted operations.
- xxiii. The technical proposal of qualified bidder/OEM/Implementation Agency s will be evaluated as per the requirements specified in the EOI and technical evaluation criteria as mentioned in the EOI Document.
- xxiv. The bidder/OEM/Implementation Agency s must give a demonstration/ presentation on their understanding of the Scope of Work and their proposal submitted for undertaking the evaluation.
- xxv. Each technical proposal will be assigned technical marks out of a maximum of 100 marks. Failing to secure minimum marks shall lead to technical rejection of the Proposal and bidder/OEM/Implementation Agency .
- xxvi. Reasons for rejecting a tender/ bid will be disclosed to a bidder/ OEM/ Implementation Agency only where enquiries are made.

8. EVALUATION / SCRUTINY OF EOI

1. EOI Proposals received by the prescribed date and time shall be considered and evaluated.
2. Evaluation/Scrutiny of EOI shall be based on:
 - i. Information contained in the bid, the documents annexed thereto and clarifications provided. If any.

- ii. Assessment of the capability of the bidder/OEM/Implementation Agency based on past record.
- iii. Offered solution Document should meet the core requirement of work.
- iv. The agency/ bidder/OEM/Implementation Agency may be asked to make a presentation before the committee. The evaluation of EOI will also be based on such presentation.
- v. BECIL shall communicate qualified bidder/OEM/Implementation Agency by Post/Fax/E-mail. However, it would not constitute a contract between the parties.

9. PRELIMINARY EVALUATION

- (i) BECIL shall evaluate the proposals to determine that they are complete, technically complying, no computational errors have been made, required documents as mentioned in the EOI have been furnished, the documents have been properly signed and the response is generally in order.
- (ii) BECIL may waive any minor infirmity or non-conformity or irregularity in the proposal which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder/OEM/Implementation Agency .
- (iii) In case only one bid is received or during the Technical Evaluation only one bidder/OEM/Implementation Agency qualifies for the next stage of the bidding process BECIL reserves the right to accept/reject the bid.

10. CRITERION FOR EVALUATION OF BID RESPONSE:

- i. The proposal is to be in ONE BID SYSTEM with separate Pre-Qualification and Technical sections of e-tender.
- ii. The bid will be evaluated based on technical bid submitted. The minimum Qualifying marks will be 80 out of 100.
- iii. The evaluation of the tenders will be made first on the basis of technical information furnished and then on the basis of Technical Presentation.
- iv. An agreement shall be signed with selected bidder/OEM/Implementation Agency who have scored highest marks in technical evaluation consist of sum of both technical bid and technical presentation.
- v. The reasons for selection or rejection of a particular response will not be disclosed. The award of order will be further subject to any specific terms and conditions of the contract given in this section.
- vi. The agency/ bidder/OEM/Implementation Agency that are considered technically qualified by TEC shall make a presentation before the evaluation committee. **The Presentation will form a part of Evaluation Criteria. The bid**

shall be rejected by Tender Evaluation Committee (TEC), if presentation is not found as per the tender requirement.

In the event that two or more bidder/OEM/Implementation Agency s/organizations with same final score, the bidder/OEM/Implementation Agency with more experience shall be selected.

vii. The technical document shall consist weightage of 50 marks and 50 marks shall be for technical presentation. The minimum Qualifying marks will be 80 out of 100.

viii. **Evaluation Process**

- a. No enquiry shall be made by the bidder/OEM/Implementation Agency (s) during the course of evaluation of the EOI, after opening of bid, till final decision is conveyed to the successful bidder/OEM/Implementation Agency (s). However, the Committee/ its authorized representative and office of BECIL can make any enquiry/ seek clarification from the bidder/ OEM/ Implementation Agency s, which the bidder/OEM/ Implementation Agency s must furnish within the stipulated time else the bids of such defaulting bidder/OEM/Implementation Agency s will be rejected. The proposal will be evaluated on the basis of its content, not its length.
- b. The bidder/OEM/Implementation Agency s' proposals will be evaluated as per the requirements specified in the EOI and adopting the evaluation criteria spelt out in subsequent paras of this EOI document. The bidder/OEM/Implementation Agency s are required to submit all required documentation as per evaluation criteria specified in EOI.
- c. Proposals received by the prescribed date and time shall only be considered and evaluated by a duly constituted Tender evaluation committee.
- d. Upon verification, evaluation/ assessment, if in case any information furnished by the bidder/OEM/Implementation Agency is found to be Incomplete/ incorrect, their bid will be summarily rejected and no correspondence on the same shall be entertained. Submission of false/ forged documents will lead to forfeiture of security deposit/ EMD and blacklisting of agency for a minimum period of 3 years from participating in BECIL tenders.
- e. BECIL will review the technical proposal to determine whether the technical proposals are as per the requirements laid down. Proposals that are not in accordance with these requirements are liable to be disqualified at BECIL discretion.
- f. Evaluation of proposals shall be based on:

- i. Information contained in the proposal, the documents submitted there to and clarifications provided, if any.
 - ii. Experience and Assessment of the capability of the bidder/ OEM/ Implementation Agency based on past record
- g. BECIL reserves the right to seek any clarifications on the already submitted bid documents; however, no fresh documents shall be accepted in support of proposals.
- h. Conditional proposals shall NOT be accepted on any ground and shall be rejected straightway. If any clarification is required, the same should be obtained before submission of the proposals.
 - i. Even though bidder/OEM/Implementation Agency s satisfy the necessary requirements they are subject to disqualification if they have:
 - ii. Made untrue or false representation in the form, statements required in the EOI document.
 - iii. Records of poor performance such as abandoning work, not properly completing contract, financial failures or delayed completion.
- ix. Award of Work/Agreement**

BECIL shall sign on Agreement with bidder who have scored highest marks in Technical Evaluation.
- x. Terms of Agreement**

This Agreement shall be effective from date of award of work and shall be for a period of 2 years and may be extended for one year at a time on mutual consent.

SECTION -II

GENERAL TERMS & CONDITIONS OF THE CONTRACT

1. The proposal is to be submitted in ONE BID SYSTEM which consists of Pre-Qualification, Technical section.
2. All bids are to remain valid for six months from the date of opening of financial bid.
3. BECIL reserves the right to solicit additional information from bidder/OEM/Implementation Agency s to evaluate which bid best meets the need of the Project. Additional information may include, but is not limited to, past performance records, lists of available items of work will be done simultaneously with the project, on-site visit and evaluations by BECIL personnel, or any other pertinent information. It will be vender's responsibility to check for updated information on website <https://becil.euniwizarde.com> & <https://becil.com>
4. BECIL will make its decision based on the ability of the bidder/OEM/Implementation Agency (s) to meet our specific needs, technical expertise of the bidder/OEM/Implementation Agency (s), delivery capabilities, customer references, past satisfactory performance experience, is must besides cost.
5. BECIL reserves the right to waive off any deviations, accept the whole or part thereof or reject any or all bids and to select the bidder/OEM/Implementation Agency (s) which, in the sole opinion of the Project in charge, best meets the project's interest. BECIL also reserves the right to negotiate with potential bidder/OEM/Implementation Agency s so that its best interest to fulfill the need of project is served.
6. BECIL reserves the right to reject any and all proposals, to negotiate all terms of any agreement resulting from this request for proposal, and to request additional information from vendors.
7. All information contained in this RFP, or provided in subsequent discussions or disclosures, is proprietary and confidential. No information may be shared with any other organization, including potential sub-contractors, without prior written consent of the RFP Coordinator.
8. In case Company goes into liquidation or change in business/management, it will be intimated to BECIL & company will fulfill its commitment in case order is awarded to them.

9. INDEMNIFICATION:

The bidder/OEM/Implementation Agency agrees to indemnify BECIL from any and all claims, demands, losses, cause of action, damage, lawsuits, judgments, including attorneys' fees and costs, arising out of or relating to the execution of contract.

10. ARBITRATION:

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.

11. JURISDICTION:

This Agreement shall be construed, interpreted and applied in accordance with, and shall be governed by, the laws applicable in India. The courts at Delhi shall have the exclusive jurisdiction to entertain any matter arising out of or in relation to this Agreement.

12. TERMINATION:

Both the parties reserve the right to terminate the agreement by giving a **minimum two months (60 days) notice period** to each other for the termination of the agreement.

13. CONFIDENTIALITY

Both the Parties for self and on behalf of their employees, agree to keep all such matters confidential and not to disclose them to anyone, either during or after the expiration/termination of this agreement, except with the written consent of the other party, excepting any information as may be required either under law or any regulatory authority for the parties to perform their obligations under this contract and [or such other information that may come into the public domain.

Both the Parties further agree that upon expiration of this MoU, unless extended mutually for further period, both parties shall promptly deliver to each other all material belonging to the other party whatever and wherever it is lying either in their own possession or in the possession of any employee's contract containing such confidential information etc. Including submission of Accounts and

14. FORCE MAJEURE:

Either party shall be excused from performance of this Agreement during and to the extent that performance is prevented by the occurrence of unforeseen causes beyond the control of and without the negligence of the party claiming excuse and not brought about at the instance of the party claiming to be affected by such event or which, if foreseeable, could not be avoided or provided for and which has caused the non-performance or delay in performance. Such cause includes, without limitation, strike, go slow, other concerned acts of workmen, lockout (not indulged by its own employees), acts of god, war, fire, explosion, act (s) of terrorism, flood, epidemic, riot, sabotage, embargo, blockade, civil disturbance and governmental restrictions or limitations. The party claiming excuse shall give immediate written notice thereof to the other, in any case not later than 15 (fifteen) days following the occurrence of such event. If performance is held up for a continuous period of more than 2 (two) months from the date of first notice, then the two parties shall review the situation and agree upon a course of action so as to protect the interests of both.

15. INDEMNITY CLAUSE:

BECIL shall at all times indemnify and keep indemnified Transport Department Maharashtra against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its employees or agents or caused by any action, omission or operation.

BECIL shall at all times indemnify and keep indemnified Transport Department Maharashtra any and all claims by Employees, Workman, Entities, sub-Entities, suppliers, agent(s), employed, engaged or otherwise working for the BECIL, in respect of their wages, salaries, remuneration compensation or the like.

All claims regarding indemnity shall survive even after the termination or expiry of the agreement.

16. INTEGRITY PACT :

The bidder should submit an undertaking that he will sign and integrity Pact with BECIL on award of work.

SECTION -III

1. SCOPE OF WORK

(i) The EOI response should contain the following details broadly:

- a) Detailed project plan with proper timelines, responsibility matrix.
- b) Detailing of Project Risks, if any & improvement Plan.
- c) Strategy to meet implementation timelines.
- d) Valuable, pragmatic suggestions for the proposed Scope of Work.
- e) The prospective bidder/OEM/Implementation Agency s should keep in view that the agency is also responsible for functioning and operationalization of setup at site.

(ii) Project Assessment and Planning:

- a) Conduct a comprehensive assessment of the State's transportation infrastructure, existing three-wheeler ecosystem, and charging infrastructure availability.
- b) Analyze the demand and feasibility of implementing electric three-wheelers as a sustainable mode of transportation.
- c) Develop a detailed project plan outlining the implementation strategy, timeline, and key milestones.

(iii) Technology Evaluation and Selection:

- a) Identify and evaluate suitable electric three-wheeler models based on factors such as performance, battery range, charging time, and cost-effectiveness.
- b) Assess the compatibility of the selected vehicles with the existing infrastructure and regulations.
- c) Collaborate with manufacturers and suppliers to finalize the procurement of electric three-wheelers and related equipment.

(iv) Charging Infrastructure Setup:

- a) Conduct a thorough assessment of the State's charging requirements, including the number and location of charging stations.
- b) Design an optimal charging infrastructure plan considering factors such as vehicle density, charging patterns, and grid capacity.
- c) Coordinate with relevant stakeholders, such as power utilities and municipal authorities, for the installation and commissioning of charging stations.

(v) Fleet Management and Operations:

- a) Develop a robust fleet management system to monitor and track electric three-wheeler usage, battery health, and maintenance requirements.

- b) Implement a scheduling and dispatching system to optimize the allocation of vehicles based on demand and operational efficiency.
- c) Provide training and support to drivers and operators to ensure smooth operations and maximize the benefits of electric three-wheelers.

(vi) Public Awareness and Outreach:

- a) Devise a comprehensive marketing and communication strategy to create awareness about the benefits of electric three-wheelers among the general public.
- b) Conduct awareness campaigns, workshops, and training programs targeting drivers, operators, and potential users.
- c) Collaborate with local authorities and community organizations to promote the adoption of electric three-wheelers and address any concerns or misconceptions.

(vii) Monitoring and Evaluation:

- a) Establish a monitoring and evaluation framework to assess the project's progress, impact, and compliance with predefined targets.
- b) Regularly collect and analyse data on vehicle usage, energy consumption, emissions reduction, and user feedback.
- c) Prepare periodic reports highlighting key performance indicators, challenges faced, and recommendations for improvement.

(viii) Research and Development:

- a) Explore opportunities for innovation and research in the field of electric three-wheelers, including battery technology, vehicle design, and smart charging solutions.
- b) Collaborate with academic institutions, research organizations, and industry partners to stay updated on the latest advancements and best practices.

(ix) Data Collection:

- a) Collaborate with relevant authorities, such as transport departments or auto unions, to gather data on the existing auto-rickshaws operating in the State.
- b) Collect information on the number of autos, their registration details, ownership patterns, and other relevant data points.

(x) Define Aging Criteria:

- a) Determine the criteria to assess the age of autos, which can include factors such as the number of years since initial registration or the manufacturing year of the vehicles.
- b) Consider any local regulations or guidelines related to the retirement or replacement of autos based on their age.

(xi) Data Analysis:

- a) Analyse the collected data to calculate the age of each auto-rickshaw based on the defined criteria.
- b) Categorize the autos into different age groups (e.g., 0-5 years, 5-10 years, 10+ years) to understand the distribution.

(xii) Identify Trends and Patterns:

Identify trends and patterns in the aging analysis, such as the percentage of autos in each age group, the average age of the fleet, or the concentration of older autos in specific areas. b. Analyse any correlations between the age of autos and factors like performance, emissions, maintenance costs, and safety.

(xiii) Implications and Recommendations:

Assess the implications of the aging analysis on the transition to electric three-wheelers. b. Identify potential challenges or opportunities that may arise due to the presence of older autos in the State. c. Provide recommendations on strategies to retire or replace aging autos with electric three-wheelers, considering factors like financial incentives, support programs, and phased implementation.

(xiv) Stakeholder Engagement:

- a) Present the aging analysis findings and recommendations to relevant stakeholders, such as government officials, transport authorities, auto unions, and vehicle manufacturers.
- b) Facilitate discussions and workshops to gather feedback and insights from stakeholders and incorporate their perspectives into the planning and implementation of the electric three-wheeler project.

(xv) Electrical Distribution Network Assessment:

- a) Collaborate with the local power utility or relevant authorities to gather information on the existing electrical distribution network in the State.
- b) Study the network's capacity, load distribution, voltage levels, and substation locations to understand the infrastructure's capabilities and limitations. c. Assess the feasibility of integrating charging infrastructure with the existing network, considering factors like load requirements and grid stability.

(xvi) Charging Infrastructure Planning:

- a) Determine the charging requirements for the electric three-wheelers, including the number and types of charging stations needed.
- b) Analyse the energy demand, charging patterns, and peak load scenarios to estimate the electrical load imposed by the charging infrastructure. c. Design a charging infrastructure plan that optimizes the placement and capacity of charging stations to ensure efficient and reliable operation.

(xvii) Power Supply and Infrastructure Upgrades:

- a) Identify areas where the existing electrical distribution infrastructure may require upgrades or reinforcements to accommodate the additional load from charging stations.
- b) Collaborate with the power utility to assess the feasibility and cost implications of necessary infrastructure upgrades, such as transformer installations, cable expansions, or substation reinforcements.
- c) Develop a plan for coordinating and implementing the required infrastructure upgrades in alignment with the charging infrastructure deployment.

(xviii) Land Parcel Identification:

- a) Conduct a survey and analysis of the State to identify suitable land parcels for the installation of charging stations.
- b) Consider factors such as accessibility, proximity to high-demand areas, availability of power supply, and potential for future expansion.
- c) Collaborate with local authorities, urban planning departments, and other stakeholders to ensure compliance with zoning regulations and land-use policies.

(xix) Site Evaluation and Selection:

- a) Evaluate the identified land parcels based on technical feasibility, infrastructure requirements, and economic viability.
- b) Assess the suitability of each site in terms of its capacity to host charging stations, connectivity to the electrical grid, and potential challenges or constraints.
- c) Select the most suitable sites for charging station installation, considering factors like geographical distribution, user accessibility, and future scalability.

(xx) Permitting and Regulatory Compliance:

- a) Collaborate with local authorities and regulatory bodies to understand the permitting and regulatory requirements for charging infrastructure installation.
- b) Prepare the necessary documentation and assist in obtaining permits, licenses, and approvals required for land use and electrical connections.

(xxi) Web Portal Development:

- a) Design and develop a user-friendly web portal that serves as a centralized platform for information and services related to the electric vehicle policy and incentives.
- b) Ensure the portal is accessible on various devices and browsers, and prioritize usability and intuitive navigation for a seamless user experience.

(xxii) Electric Vehicle Policy Information:

- a) Compile comprehensive information about the electric vehicle policy at the state and central government levels.
- b) Provide details on incentives, subsidies, tax benefits, and other support measures available for electric three-wheeler drivers.
- c) Keep the information up-to-date, incorporating any policy changes or new initiatives from relevant authorities.

(xxiii) Incentive Information and Eligibility:

- a) Gather detailed information about the incentives provided by state and central governments to promote the adoption of electric three-wheelers.
- b) Clearly communicate the eligibility criteria for drivers to avail themselves of these incentives.
- c) Develop an eligibility assessment mechanism within the portal to guide drivers and determine their eligibility for specific incentives.

(xxiv) One-Stop Window Clearance:

- a) Establish a streamlined process within the web portal to facilitate the clearance and transition of drivers to electric autos.
- b) Integrate functionalities such as online applications, document submission, and status tracking for seamless processing of driver requirements.
- c) Collaborate with relevant authorities and agencies to ensure the necessary clearances and approvals are obtained efficiently.

(xxv) Scrapping Evaluation of Existing Vehicles:

- a) Develop an evaluation mechanism or partner with authorized vehicle assessment centres to assess the value and condition of existing auto-rickshaws.
- b) Provide an online platform where drivers can input details of their vehicles for evaluation and receive an estimated scrapping value.
- c) Offer guidance on the scrapping process, including documentation and procedures required for vehicle disposal.

(xxvi) Comprehensive and Term Insurance:

- a) Provide information on comprehensive insurance plans specifically tailored for electric three-wheelers.
- b) Collaborate with insurance providers to offer competitive insurance options with coverage for accidents, theft, damages, and third-party liabilities.
- c) Facilitate the process of obtaining insurance through the web portal, including online applications and policy issuance.

(xxvii) Financing Support:

- a) Collaborate with financial institutions or leasing companies to provide financing options specifically for electric three-wheelers.
- b) Compile and present information about available financing schemes, interest rates, repayment terms, and eligibility criteria.
- c) Enable drivers to apply for financing directly through the web portal and provide assistance throughout the application process.

(xxviii) Collaborating with Auto OEMs:

- a) Identify and establish partnerships with at least three auto OEMs that manufacture electric three-wheelers.
- b) Engage in discussions with the OEMs to understand their product offerings, technological capabilities, and pricing models.
- c) Collaborate with the OEMs to ensure a consistent supply of quality electric three-wheelers for the project.
- d) Facilitate the integration of OEMs' technologies and features into the overall project implementation plan.

(xxix) Collaboration with Charging Infrastructure Providers:

- a) Identify and establish partnerships with multiple charging infrastructure providers with experience in electric vehicle charging solutions.
- b) Evaluate the charging infrastructure providers based on factors such as technology, scalability, reliability, and cost-effectiveness.
- c) Collaborate with the selected providers to design and deploy the necessary charging infrastructure across the State.
- d) Ensure interoperability and compatibility between the charging infrastructure and the electric three-wheelers.

(xxx) Collaboration with Financial Institutions:

- a) Establish partnerships with multiple financial institutions, including banks, leasing companies, and non-banking financial institutions (NBFCs).
- b) Collaborate with the financial institutions to develop financing options specifically tailored for electric three-wheeler drivers.
- c) Facilitate the availability of attractive financing schemes, low-interest loans, and favourable repayment terms for drivers transitioning to electric autos.
- d) Streamline the application and approval processes, leveraging technology to expedite and simplify financing procedures.

(xxxi) Facilitating Collaboration:

- a) Act as a facilitator and coordinator between the project stakeholders, including auto OEMs, charging infrastructure providers, and financial institutions.
- b) Foster collaboration and communication among the stakeholders to ensure seamless integration and implementation of the project.
- c) Organize meetings, workshops, and forums to encourage knowledge sharing, address challenges, and explore opportunities for innovation.
- d) Continuous Engagement: a. Maintain an ongoing relationship with the collaborated stakeholders throughout the project lifecycle. b. Regularly communicate project updates, requirements, and feedback to the auto OEMs, charging infrastructure providers, and financial institutions. c. Address any issues, concerns, or bottlenecks that may arise during the project implementation phase.

(xxxii) Ride Booking Functionality:

- a) Enable drivers and citizens to register and create user profiles within the mobile application.
- b) Implement a user-friendly interface for booking electric three-wheeler rides, including features like pick-up and drop-off locations, fare estimation, and real-time ride tracking.
- c) Integrate secure payment gateways to facilitate cashless transactions and support multiple payment options.
- d) Incorporate features like ride history, ratings, and reviews to enhance user experience and ensure transparency.

(xxxiii) Parking and Charging Slot Booking:

- a) Provide drivers and citizens with the ability to book parking and charging slots for their vehicles through the same mobile application.
- b) Implement a map-based interface that displays available parking and charging locations, along with information on availability, pricing, and charging infrastructure compatibility.
- c) Enable users to reserve slots in advance, specify the duration of usage, and receive confirmation and directions to the selected parking or charging facility.

(xxxiv) Integration with Other Modes of Transport:

- a) Collaborate with relevant transportation service providers, such as public transit agencies or ride-sharing platforms, to integrate their services into the mobile application.
- b) Implement features that allow users to plan multi-modal journeys, combining electric three-wheeler rides with other modes of transportation like buses, trains, or taxis.

- c) Provide real-time information on public transit schedules, route maps, and availability of other transportation options to enhance user convenience and facilitate seamless intermodal travel.

(xxxv) User Notifications and Alerts:

- a) Implement a notification system to keep users informed about ride confirmations, driver details, estimated arrival times, and other relevant updates.
- b) Send alerts and reminders regarding upcoming parking or charging reservations, including notifications for the start and end of the booked slot.
- c) Enable push notifications for important updates, promotions, or announcements related to the electric three-wheeler project or transportation services.

(xxxvi) User Support and Feedback:

- a) Incorporate a support feature within the mobile application to assist users with any issues or queries they may have.
- b) Provide channels for users to submit feedback, report problems, or suggest improvements for the application or the services provided.
- c) Actively monitor and respond to user feedback, ensuring a high level of customer satisfaction and continuously improving the mobile application based on user needs.

(xxxvii) Security and Privacy:

- a) Implement robust security measures to protect user data and transactions within the mobile application.
- b) Comply with relevant data protection regulations and ensure user privacy through appropriate data handling and storage practices.
- c) Regularly update and maintain the mobile application to address security vulnerabilities and enhance data protection.

(xxxviii) Support and Technical Manpower:

- a) Provide unskilled, Semi Skilled and Skilled support manpower if required for the project during the tenure of the project.
- b) Provide skilled technical manpower for the project requirements as and when required.

2. TECHNICAL SPECIFICATIONS:

a. SWAPPABLE BATTERY

50.4V 40Ah- NMC		
Parameters		Technical Specifications
General & Mechanical Characteristics	Model Name	50.4V/40Ah/NMC
	Capacity (AH)	40Ah
	Enclosure Material	CRCA Powder Coated(MS)
	Enclosure IP Rating	IP 65
	Battery Pack Weight	12.5+kg
Patent Technology	Thermal Management (Heat Conducting)	Elastomeric Thermal Pad
	Lithium ion Battery Assembly	Stand alone
	Vibration Management	Cell Holder
Cell Characteristics	Cell Chemistry	NMC811
	Cell Shape	Cylindrical
	No. of Cells	168
	Cell Voltage	3.6V
	Cell Capacity	3.3Ah
	Cell pack Configuration	14S 12P
	BMS under voltage protection	3.08V
	BMS Over voltage protection	4.17V
Electrical Characteristics	Operating Voltage	(46V - 58V) ±1V
	Pack Nominal Voltage	50.4V
	WH	1995wh
	DOD	83±2%
	C-rate	0.5C
	Standard Discharge Current (A)	20 Amps
	Peak Discharge Current (A)	50 Amps
	Fuse Rating in Battery Pack	50 Amp
	Charging Mode	CC-CV
	Max. Charging Current	18 Amp
	Charging Time Required	2.5hrs
	Battery Energy	1.995kwh
Protections	Over voltage	Yes
	Under voltage	Yes
	Short Circuit	Yes
	Under Temperature	Yes
	Under Temperature	Yes
Features	CAN Communication	Yes

	IoT	Yes
Standards & Certifications	UN 38.3	Yes
	AIS 156 Ph-1	Approved
	AIS 156 Ph-2	Approved

b. VEHICLE:

EV- 3W Specifications (L5)	
Key Details:	
Motor	48V 8-10kw
Battery Capacity	7.5 -10 kwh
Speed	50 - 55 kmph
Kms per charge	110 - 155 km
Weighing Capacity	300 - 400 kg
Kerb Weight/ Vehicle Weight	300 - 400 kg
Body type	Metal
Charging Time	4-5 hrs
Gradeability	15 - 20 degree
Seating	Driver + 3
Approved Agency	ICAT
Warranty	3yrs (Extended up to 5Yrs)
Road Side Assistance	Yes

Note:

OEM Should provide vehicle with swapping and charging option.

- bidder/OEM/Implementation Agency should provide/Have:
 - Finance up to 5 Years
 - Insurance and Warranty for E Auto for 5 years
 - Partnership with aggregator for employment and Application for demandgeneration.
 - Partnership/own Network for Swapping and Charging infra.

c. MARKING MATRIX

In the below table, marking parameters for technical evaluation are mentioned:

The bidder / OEM / Implementation Agency who fulfilled the eligibility criteria shall be further evaluated as per the following marking matrix:

Sl. No	Marking Parameters	Marking Scheme
1	The bidder / OEM / Implementation Agency should submit the undertaking/authorization from 2/3 E-Auto Manufacturers.	Marks-5
2	The bidder / OEM / Implementation Agency should submit the NOC from 3/4 NBFC or Nationalized Banks	Marks-5
3	<p>The bidder / OEM / Implementation Agency should have tie - up with Battery swapping Providers and submit the supporting documents.</p> <p>The bidder/Implementation Agency should submit an Undertaking / Authorization from battery-swapping operator having an experience of minimum 04 years and have deployed 2,000 e-Autos/E-Rikshaw.</p> <p>The Battery swapping providers should support open network to be adopted by vehicle (electric) auto OEMs and battery swapping technology should be OEM agnostic and should meet the specification as per the Technical specification for swappable battery mentioned in this EOI.</p>	Marks - 10
4	The bidder / OEM / Implementation Agency should have tie-up with service provider for providing the mobility Platform with divers app and citizen app for Ride booking, The platform should be open Mobility Platform i.e. 100 % open - source and open - data Service Provider should have experience alongwith diver partner. Please submit the supporting documents.	Marks - 10
5	The bidder / OEM / Implementation Agency should also have to submit authorization and undertaking at least one retrofit provider approved from ARAI / ICAD.	Marks-5
6	The bidder / OEM / Implementation Agency should submit authorization and undertaking at least 2/3 Insurance Companies.	Marks-5

7	The bidder should provide single clearance window website.	Marks-5
8	The bidder / Implementation Agency or OEM shall have total annual turnover of Rs 6.0 Crore in the last three (3) financial years. (Chartered Accountant Certificate as proof of turnover).	Marks-5
10	<p>Technical Presentation - Expert Committee for the Technical Presentation will evaluate.</p> <p>The bidder/OEM/Implementation Agency 's capability of System Configurability and Up gradation Of similar projects executed in the past.</p> <p>Technical Expertise: technology and other suitability related aspects (Solution Architecture).</p>	50 Marks

NB : - The bidder / OEM / Implementation Agency should be provide the supporting document to claim the maximum points in connection with the above tabled Criteria.

The bidder/OEM/Implementation Agency who scores minimum 80 marks as per marking scheme shall be declared technical qualified.

FORMATS

- A. CHECKLIST**
- B. PROPOSAL SUBMISSION LETTER**
- C. PARTICULARS OF THE BIDDER/OEM/IMPLEMENTATION AGENCY
PROFORMA**
- D. FINANCIAL STRENGTH OF THE BIDDER/OEM/IMPLEMENTATION
AGENCY**
- E. SELF-DECLARATION FOR NON BLACK LISTING**
- F. UNDERTAKING REGARDING PAYMENT OF GST/ FILING OF
GST RETURN**

A. CHECK LIST

Please ensure that following documents should be enclosed along with the bid proposal

1. Go through the tender documents very carefully and thoroughly.
2. Prepare separate technical and commercial bids.
3. Ensure submission of required documents and details alongwith technical bid. The documents to be enclosed are:-
 - (i) Proof of submission of Non Refundable **Tender fee(Form Fee)**
 - (ii) Submission of **EMD** for EOI quoted by bidder/OEM/Implementation Agency
 - (iii) Activity wise work schedule.
 - (iv) Copy of the registration certificate under Indian Company Act.
 - (v) Duly filled forms as enclosed in tender document.
 - (vi) Copy of the tender document duly signed and stamped by the bidder/OEM/Implementation Agency in support of having read, understood and complied with the requirements of the tender document.
 - (vii) Financial Strength of the bidder/OEM/Implementation Agency .
 - (viii) PAN, GST, ISO Certificates, Last 3 Years Audited Balance Sheet, Last 3 Years Turnover Certificate, ITR Return other relevant documents.
 - (ix) Self-Declaration for Non- Blacklisting Undertaking
 - (x) Undertaking regarding payment of GST/ Filling of GST Return.
 - (xi) Authorization Certificate to Sign the Bid.
 - (xii) An Authorization Letter from OEM (MAF)
 - (xiii) Compliance from bidder/OEM/Implementation Agency on their letter head for all items.
4. No cost details are to be included in the technical bid under any circumstances.

B. PROPOSAL SUBMISSION LETTER

[ON BIDDER/OEM/IMPLEMENTATION AGENCY 'S LETTER HEAD]

bidder/OEM/Implementation Agency Ref. No.
Dated :

To,
The Chairman and Managing Director,
Broadcast Engineering Consultants India Limited,
56-A/17, Block-C, Sector-62, Noida-201307 (U.P.)

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

Dear Sir,

We, the undersigned, offer to provide services to BECIL with reference to your Tender <insert Tender Name> dated <insert Tender date> and our Proposal. We are hereby submitting our proposal under the following sections on e-Tender:

i. Section 1: Technical Bid

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.

We declare that we confirm to each and every clause of the tender document and shall abide by all the terms and conditions of all the volumes of this tender document. We would hold the terms of our proposal valid for the number of days as stipulated in the tender document.

Yours sincerely,
(Authorized Signatory)

Signature:

Name:

Designation:

Address:

Seal:

Date:

C. PARTICULARS OF THE BIDDER/OEM/IMPLEMENTATION AGENCY

1.	Name of company	
2.	Office Address /Telephone No / Fax No / email id / website	
3.	Year of establishment	
4.	Status of the Company	
5.	Name of Directors	i) ii)
6.	Names of principle person concerned with this work with title and Telephone No / Fax/ Email Id, Etc.	
7.	Whether registered with the registrar of companies /registrar of firms. If so, mention number and date.	i) ii) iii)
8.	In case of change of Name of the Firm, former Name / Names and year/ years of establishment:	
9.	Whether registered for sales tax purposes. If so, mention number and date. Furnish also copies of sales tax clearance certificate.	
10.	Whether an assessed of income tax. If so, mention permanent account number. Furnish copies of income tax clearance certificate.	
11.	State Annual turnover of the company Furnish copies of audited balance sheet and profit & loss account (audited) for the last three years.	
12.	Particulars and place of similar type of works done in a single order. (Furnish details in a separate sheet and enclose copy of the employers certificate)	
13.	Specify the maximum value of single work executed in the past three years.	
14.	Status and details of disputes/ litigation/ arbitration, if any.	

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile: _____

Email ID: _____

D. FINANCIAL STRENGTH OF THE BIDDER/OEM/IMPLEMENTATION AGENCY

<i>S. No.</i>	<i>Last 3 Financial Year</i>	<i>Net -Worth Status (Positive / Negative)</i>	<i>Whether Profitable (yes / No.)</i>	<i>Annual Profit After Tax. (In INR)</i>	<i>Overall Annual Turnover (In INR)</i>
1					
2					
3					

(Note : Statutory Auditor's / Chartered Accountant Certificate should be submitted alongwith proposal)

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile: _____

Email ID: _____

E. SELF-DECLARATION FOR NON BLACK LISTING

[ON BIDDER/OEM/IMPLEMENTATION AGENCY 'S LETTER HEAD]

bidder/OEM/Implementation Agency Ref. No.

Dated :

To,
The Chairman and Managing Director,
Broadcast Engineering Consultants India Limited,
56-A/17, Block-C, Sector-62, Noida-201307 (U.P.)

We, M/s. ----- hereby declare that the firm/company namely M/s. -----, as on the date of bid submission, has not been blacklisted or debarred by any of the Central Government or State Government or any organization under Central/ State Government or any Statutory Authority, or any Public- Sector Undertaking.

M/s has not been found guilty of any criminal offence by any court of law in India or abroad.

M/s, its directors and officers have not 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 within a period of three years preceding the commencement of the procurement process or have not been otherwise disqualified pursuant to debarment proceedings.

Yours faithfully

For,

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile: _____

Email ID: _____

F. UNDERTAKING REGARDING PAYMENT OF GST/ FILING OF GST RETURN

Ref.....

Date

To,
Broadcast Engineering Consultants India Limited
14-B, I. P. Estate, Ring Road
New Delhi-110002

Kind attn.: Shri Awadesh Pandit, GM (F&A)

Subject: Undertaking regarding Payment of GST/ Filing of GST Return

Dear Sir,

This is in connection to the works awarded by M/s Broadcast Engineering Consultants India Limited (BECIL), we hereby undertake that we will comply with Goods and Services Tax 2017 and Various Rules Relating to GST Act, 2017 (herein after referred to as GST Act and Rules) wherever we are obliged to comply with the GST Act and GST Rules.

We further hereby undertake that we will issue proper **“Tax Invoice”** and/or any other Relevant Document as required under GST Act and Rules. We will furnish appropriate GST return and pay GST as required under GST Act and Rules on timely basis and will provide GST credit on timely basis through GST Portal (and/or by any other means as provided by GST Act and Rules).

We hereby certify & undertake that we will not alter, delete or modify the invoices and other details uploaded at GST Portal unless approved by BECIL in writing.

We also hereby certify & undertake that we indemnify BECIL on account of any loss of GST input credit as well as any interest, penalty, demands or other costs, expenses suffered by BECIL because of any failure on our part to file appropriate Return on time and/or pay Tax to Government/ Appropriate Authority.

In case we do not make payment the tax/interest/penalty/other expenses etc. on demand raised by Government/Tax Authorities due to default/delay on our part/action, we also authorize BECIL to forfeit/deduct from security held by BECIL, equivalent amount of interest/penalty/tax etc. for the amount so withheld.

Yours faithfully

For,

Signature of Authorized Signatory on behalf of Agency

Place: _____

Address: _____

Mobile: _____

Email ID: _____

Ref No.:

Date:

TO WHOM SO EVER IT MAY CONCERN

It is to certify that the Rs. _____/- paid for the GST for _____ . The detail of invoice with payment of GST as below :

Sr. No.	BECIL Bill No. /Date	Basic Value of Invoice (Excluding Tax)	GST Amount	Total - including Tax (Rs.)	Total Tax Paid	Challan No. /Date
I	II	III	IV	V (III+IV)		
1			-	-	-	
2			-	-	-	
3			-	-	-	
4			-	-	-	
5			-	-	-	
	Total (Rs.)	-	-	-	-	

Director / Proprietor

Place: _____

Address: _____

Mobile: _____

Email ID: _____

Annexure-II

Power of Attorney for signing the Bid on Rs. 100 Stamp Paper

KNOW ALL MEN BY THESE PRESENTS,

We "Name of bidder/OEM/Implementation Agency " do hereby irrevocably constitute, nominate, appoint and authorize _____, who is presently employed with us and holding the position of "_____", as our true and lawful attorney (*hereinafter referred to as the "Attorney"*) to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our application for qualification and submission of our bid for the Project "**Name of Project**" of "_____" (the "client") including but not limited to signing and submission of all applications, bids and other documents and writings, participate in pre-applications and other conferences and providing information/ responses to the client, representing us in all matters before the client, signing and execution of all contracts including the Agreement and undertakings consequent to acceptance of our bid, and generally dealing with the client in all matters in connection with or relating to or arising out of our bid for the said Project and/ or upon award thereof to us and/or till the entering into of the Agreement with the client.

IN WITNESS WHEREOF WE, (Name of bidder/OEM/Implementation Agency)____, THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF Date_____ .

For **Name of bidder/OEM/Implementation Agency** ,

Accepted

Witnesses:

1. (Notarized)
- 2.

Format of PBG

PERFORMANCE BANK GUARANTEE

No.....

Dated:.....

....

The Chairman & Managing Director,
Broadcast Engineering Consultants India Limited,
14-B, I.P.Estate, Ring Road,
New Delhi

Against purchase order no. _____ dated _____ for _____ (hereinafter called the said contract) entered into between Broadcast Engineering Consultants India Ltd. (BECIL), 14-B, Ring Road, I.P. Estate, New Delhi (herewith called the Purchaser) and _____(hereinafter called the supplier), this is to certify that at the request of the supplier we _____ (hereinafter referred to as the Bank), do as primary obligor and not merely as surety, hereby irrevocably unconditionally and absolutely undertake against any loss or damage caused to or suffered or would be caused to or suffered by the Purchaser by reason of any failure of the supplier to perform or omission or negligence to perform any part of his/their obligation, viz. the performance of the contract till warranty period, to the satisfaction of the purchaser in term of the contract.

We _____ do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the Purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Purchaser by reason of any breach by the said supplier (s) or any of the terms and conditions contained in the said contract or by reason of the supplier(s) failure or omission or negligence to perform the said contract till warranty period or any part thereof. Any such damage made on the bank shall be conclusive as regards the amount due and payable by the bank upon this guarantee, which shall not be considered as satisfied by any intermediate payment or satisfaction of any part of or obligation hereunder. However, our liability under this guarantee shall be restricted to an amount not exceeding _____

We undertake to pay to the Purchaser any amount so demanded by the Purchaser, notwithstanding:

Any dispute or difference between the Purchaser or the supplier or any other person

or between the supplier or any person or any suit or proceeding pending before any court or tribunal or arbitrator relating thereto, or

The invalidity, irregularity or unenforceability of the contract or

Any other circumstances which might otherwise constitute discharge of this guarantee including any act or omission or commission on the part of the Purchaser to enforce the obligation by the Purchaser or any other person for any reason whatsoever.

We _____ further agree that the Guarantee herein contained shall be contained one and remain in full force and effect during the period that would be taken for the performance of the said agreement till warranty period and that it shall continue to be enforceable till all the dues of the Purchaser under or by virtue of the said agreement till warranty period have been fully paid and its claims satisfied or discharged or till BECIL certifies that the terms and conditions of the said agreement till warranty period have been fully and properly carried out by the said supplier and accordingly discharge this guarantee.

We _____ hereby agree and undertake that any claim which the bank may have against the supplier shall be subject and subordinate to the prior payment and performance in full of all the obligations of the bank hereunder and the Bank will not, without prior written consent of the Purchaser, exercise any legal rights or remedies of any kind in respect of any such payment or performance so long as the obligations of the Bank hereunder remaining owing and outstanding regardless of the insolvency liquidation or bankruptcy of the supplier or otherwise howsoever. We will not counter claim or set off against its liabilities to the Purchaser with it.

We _____ further agree with Purchaser that the Purchaser shall have the fullest liberty without or consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said suppliers from time to time or to postpone from any time or from time to time and of powers exercisable by the Purchaser against the said suppliers and forbearor enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said suppliers or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser to the said suppliers or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

This guarantee will not be discharged due to the change in the constitution of the Bank or the supplier

We _____ - lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Purchaser in writing.

Notwithstanding anything contained herein above.

Our liability under this guarantee shall not exceed _____)

This guarantee shall be valid up to and including _____; and

We are liable to pay the guaranteed amount or any part there of under this Bank Guarantee only and only if you have served upon us a written claim of demand on or before expiry of this guarantee.

Dated the.....date of.....