



INDIAN INSTITUTE OF TECHNOLOGY MADRAS  
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The Senior Manager (Project Purchase)

Date: 22.07.2024

Open Tender Reference No: ED/SHANK/060/2024/ASSMTAIMOB

GEM NAR ID: GEM/GARPTS/15072024/QDK71LMYEA7V

Due Date/Time: 12.08.2024@ 3:00 PM

Dear Sir/Madam,

On behalf of the Indian Institute of Technology Madras, digitally signed online bids are invited in two bid system from Class-I Local Suppliers and Class II Local Suppliers, for the supply of: **“Assessment of Truck Driving Behaviour on Safety and Energy Efficiency Using Artificial Intelligence (AI) Driven Mobile Application”** Conforming to the specifications given in **Annexure -A**.

Tender Documents may be downloaded from Central Public Procurement Portal <https://etenders.gov.in/eprocure/app>. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website <https://etenders.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at **“Help for Vendors”**. [Special Instructions to the Vendors / Bidders for the e-submission of the bids online through this eProcurement Portal”]

Bidders can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type ‘IIT Madras’. Thereafter, click on “GO” button to view all IIT Madras tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <https://etenders.gov.in/eprocure/app> as per the schedule attached.

**No manual bids will be accepted.** All tender documents including Technical and Financial bids should be submitted in the E-procurement portal.

1)	<b>Pre-bid Meeting Details</b>	:	If required will be intimated
2)	<b>ICSR Vendor Registration</b>	:	<b><u>Vendor registration:</u></b> Vendor registration with IC&SR (IITM) is mandatory for bidders to participate in tenders.  <b><u>** For Vendor Registration &amp; Guidelines, Please follow the website :</u></b> <a href="https://icandsr.iitm.ac.in/vendorportal">https://icandsr.iitm.ac.in/vendorportal</a> ; Helpdesk: <a href="mailto:vendorhelpdesk@icsrps.iitm.ac.in">vendorhelpdesk@icsrps.iitm.ac.in</a>

<b>Last date for receipt of tender</b>	:	<b>12.08.2024@ 3:00 PM</b>
<b>Date &amp; time of opening of tender</b>	:	<b>13.08.2024@ 3:00 PM</b>

### 3. Instructions to the Bidder:

A)	Searching for tender documents	:	<ul style="list-style-type: none"> <li>There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.</li> <li>Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective “My Tender” folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.</li> <li>The bidder should make a note of the <b>unique Tender ID</b> assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.</li> </ul>
B)	Assistance to bidders	:	<ul style="list-style-type: none"> <li>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.</li> <li>Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is [0120-4200462, 0120-4001002, 0120-4001005]</li> </ul>
C)	Enrollment Process to Bidders	:	<p><b><u>REGISTRATION</u></b></p> <ul style="list-style-type: none"> <li>Bidders are required to <b>enroll on the e-Procurement module of the Central Public Procurement Portal URL:https://etenders.gov.in/eprocure/app</b> by clicking on “Online Bidder Enrollment”. Enrollment on the CPP Portal is free of charge.</li> <li>As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.</li> <li>Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.</li> <li>Upon enrolment, the <b>bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.)</b></li> <li>Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.</li> <li>Bidder then may log in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.</li> <li>Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name</li> </ul>

			<p>is a prerequisite for registration and participating in the bid submission activities through <a href="https://etenders.gov.in/eprocure/app">https://etenders.gov.in/eprocure/app</a></p> <ul style="list-style-type: none"> <li>Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <a href="https://etenders.gov.in/eprocure/app">https://etenders.gov.in/eprocure/app</a> under the “Information about DSC”.</li> </ul>
<b>D)</b>	<b>Preparation of bids</b>	:	<ul style="list-style-type: none"> <li>Bidder should take into account any corrigendum published on the tender document before submitting their bids.</li> <li>Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.</li> <li>Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender document / schedule and generally shall be in PDF / XLS formats as the case may be. Bid documents may be scanned with 100 dpi with black and white option.</li> <li>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, GSTIN Details, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “<b>My Documents</b>” area available to them to upload such documents. These documents may be directly submitted from the “<b>My Documents</b>” 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.</li> </ul>
<b>E)</b>	<b>Submission of bids</b>	:	<ul style="list-style-type: none"> <li>Bidder should log into the site well in advance for bid submission so that he/she can upload the bid in time i.e. on or before the bid submission date and time. Bidder will be responsible for any delay due to other issues.</li> <li>The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.</li> <li>Bidder has to select the bid security declaration. Otherwise, the tender will be summarily rejected.</li> <li>A standard BOQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the detail with their respective financial quotes and other details (such as name of the bidder). If the BOQ file is found to be modified by the bidder, the bid will be rejected.</li> <li>The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.</li> </ul>

		<ul style="list-style-type: none"> <li>• The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.</li> <li>• The uploaded tender documents become readable only after the tender opening by the authorized bid openers.</li> <li>• Upon the successful and timely submission of bids, the portal will give a successful bid submission message &amp; a bid summary will be displayed with the bid no. and the date &amp; time of submission of the bid with all other relevant details.</li> <li>• Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.</li> <li>• More information useful for submitting online bids on the CPP Portal may be obtained at: <a href="https://etenders.gov.in/eprocure/app">https://etenders.gov.in/eprocure/app</a>.</li> <li>• All tender documents including pre-qualification bid, Technical Bid &amp; Financial Bid should be submitted separately in online CPP portal as per the specified format only. Right is reserved to ignore any tender which fails to comply with the above instructions. <b>No manual bid submission will be entertained.</b></li> </ul>
<b>F)</b>	<b>Marking on Technical Bid</b>	<ul style="list-style-type: none"> <li>• The bidder eligibility criteria, technical specification and supply of item for this tender is given in Annexure A.</li> <li>• The Bidders shall go through the specification and submit the technical bid.</li> <li>• The Technical bid should be submitted in the proforma as per Annexure-B in pdf format only through online (e-tender). No manual submission of bid will be entertained.</li> <li>• The technical bid should have a page-wise heading as “Technical Bid” and page no. in all pages with seal and signature of authorized signatory. The total no. of pages should be mentioned at the last page of the documents.</li> <li>• The technical bid should consist of bidder eligibility criteria details and all technical details along with catalogue/ pamphlet which will give a detailed description of product with technical data sheet so that technical compliance can be verified.</li> </ul>
<b>G)</b>	<b>Marking on Price Bid</b>	<ul style="list-style-type: none"> <li>• Financial bid (BoQ) should be submitted in the prescribed proforma format as per Annexure-C in xls format through e-tender only. No manual or other form of submission of Financial Bid will be entertained</li> </ul>

4)	<p><b>Preparation of Tender:</b> The bidders should submit the bids in two bid system as detailed below.</p> <p><b>Bid I _Technical Bid</b></p> <p>The technical bid should consist of bidder eligibility criteria and technical specification compliance sheet as per the <b>Technical Bid Proforma (Annexure-B)</b>.</p> <p><b>Bid II _Price Bid</b></p> <p>The price bid should be submitted in the Tabular format (BoQ) as per the <b>Financial Bid Proforma (Annexure -C)</b> uploaded in the e-Tender web site. The Quoted price should be for supply and installation of the item and inclusive of all cost and statutory levies at IIT Madras.</p>
5)	<p><b>Price:</b></p> <ol style="list-style-type: none"> <li>The rate quoted shall be all inclusive of all taxes and no extra payment will be made other than statutory revisions as per the terms and conditions stipulated in this contract document.</li> <li>The offer/bids should be submitted through online only in two bid system i.e. Technical Bid and Financial Bid separately.</li> </ol>
6)	<p><b>Tenderer shall submit along with this tender:</b></p> <ol style="list-style-type: none"> <li>Proof of having ISO or other equivalent certification given by appropriate authorities.</li> <li>Name and full address of the Banker and their swift code and PAN No. and GSTIN number.</li> <li>GST registration proof showing registration number, area of registration etc.</li> <li>All of your future correspondences including Invoices should bear the GST No. and Area Code.</li> </ol>
7)	<p><b>Deliverables and Terms of Delivery:</b></p> <ol style="list-style-type: none"> <li>The supplier shall be responsible for the development of AI driven mobile app for assessing driving behaviour on safety and energy efficiency.</li> <li>The supplier shall be responsible for the enrolment of drivers in the required numbers, monitor driving behaviour, and provide a safe-driving score and energy-efficiency score for each driver on a monthly basis.</li> <li>Project to cover states that contribute to 80% plus population of Medium and Heavy-Duty Trucks (more than 12T GVW).</li> <li>The above states may be grouped into 4 zones for implementation.</li> <li>The project to be operated for 3 months in each zone before switching to another zone.</li> <li>The minimum number of drivers to be enrolled is 4,000 per month per zone. The maximum number may be limited to 16,000 per month per zone.</li> <li>Content and communication shall be in local languages, or English or Hindi, depending on the local requirement, with prior approval from CoEZET IIT Madras.</li> <li>A report shall be provided by the supplier on a monthly basis, before 10<sup>th</sup> on the progress, number of drivers enrolled and driving behaviour report with their scores, their ranking, details of drivers selected for reward, and details of rewards disbursed to eligible drivers as per mutually agreed template.</li> <li>A top scorers list shall be provided to the purchaser. The number of drivers for the</li> </ol>

	<p>reward and the quantum of the reward will be decided by the purchaser.</p> <p>x. Driver reward can be a physical item as a gift pack. Contents, branding, and cost of the gift pack will be decided by purchaser. The supplier may organise a mini event for reward distribution to make it a celebration. Payments toward cost of gift shall be paid by the supplier and get reimbursed from purchaser as per pre-approved rate. The supplier shall be responsible for maintaining the records and forwarding them to the purchaser on a monthly basis.</p> <p>xi. All communications and accountability to drivers for the performance of the mobile app. or any dispute shall be handled directly by the supplier. The purchaser shall not be responsible for any dispute arising out of the project's implementation.</p> <p>xii. The project should start within 3 months of the release of the purchase order and shall be in operation for 12 months from the date of start of its implementation. The purchaser has the right to extend or curtail the project based on its effectiveness.</p> <p>In the event of delay or non-supply of materials/execution of Contract beyond the date of delivery/completion of job. The penalty will be levied @1% per week of delay subject to a max of 10% of the value of purchase order and if the delay is more than accepted time frame by IIT M, the PO would be partially or fully cancelled and liquidated damages will be enforced accordingly.</p>
8)	<p><b>Period for which the offer will remain open:</b></p> <p>The offer shall remain valid for 120 days from the date of opening of the tender. However, the day up to which the offer is to remain valid being declared closed holiday for the Indian Institute of Technology Madras, the offer shall remain valid for acceptance till the next working day.</p>
9)	<p><b>EMD:</b></p> <p>The EMD of <b>Rs.1,60,000/-</b> to be transferred to the account details mentioned in Annexure I and proof should be enclosed in the Technical Bid. Any offer not accompanied with the EMD shall be rejected summarily as non-responsive.</p> <p>As per rule no. 5.1.4 (vi) of the Manual of Procurement of Goods, no bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity. Withdrawal of a bid during this period will result in forfeiture of the bidder's bid security (EMD) and other sanctions.</p> <p>The Institute shall not be liable for payment of any interest on EMD.</p> <p>As per the Public Procurement Policy for MSEs, Order 2012 dated 25.03.2022, EMD is exempted for Micro and Small Enterprises (MSE) as defined in MSE Procurement Policy issued by the Department of Micro, Small and Medium Enterprises (MSME) and Startups as recognized by the Department of Industrial Policy &amp; Promotion (DIPP). (MSE/MSME/DIPP PROOF should be enclosed in the cover containing the technical bid) Any vendor furnishing MSME (Trading) certificate is not eligible for EMD Exemption and as well not entitled for any relaxation in the tender conditions.</p>
10)	<p><b>Performance Security: -</b></p> <p>The successful bidder should submit Performance Security for an amount of 5% of the basic invoice value of the contract/supply. The Performance Security may be furnished in the form of an Insurance Surety Bond, Account Payee DD, FD Receipt in the name of "The Registrar, IIT Madras" from any scheduled commercial bank or Bank Guarantee from any scheduled commercial bank in India or online payment in an acceptable form. The performance security should be furnished within 14 days from the date of the purchase order.</p> <p>Performance Security in the form of Bank Guarantee: - In case the successful bidder wishes to submit Performance Security in the form of Bank Guarantee, the Bank Guarantee should be routed directly to IIT Madras from the Bank.</p>

	The Performance Security Deposit should remain valid for a period of sixty days beyond the date of completion of all contractual obligations.
11)	The offers/bids should be submitted only for an item/Equipment of the exact standard that is acceptable to IIT Madras without Prejudice. The details of a list of customers in India for whom the item is already supplied with must accompany the quotations. Quotations for a prototype machine will not be accepted
12)	Original catalogue (not any photocopy) of the quoted model duly signed by the principals must accompany the quotation in the technical bid.
13)	<p><b>Risk Purchase Clause</b></p> <p>In the event of failure of contractual obligation during the schedule, the Office of Industrial Consultancy and Sponsored Research, Indian Institute of Technology Madras has all the right to engage other sources on the total risk of the sanctioned vendor under risk purchase clause.</p>
14)	<p><b>Payment:</b></p> <ul style="list-style-type: none"> <li>i. Payment shall be made monthly against a duly signed invoice copy based on the number of drivers enrolled for the first month.</li> <li>ii. For subsequent months, the payment will be made against a duly signed invoice copy based on the submission of consolidated driver-wise driving behaviour data and their ranking list for the previous month and based on driver enrolment for the current month.</li> <li>iii. Proof of documents must be submitted along with the invoice copy for payment.</li> <li>iv. A reimbursement toward the driver reward shall be made to the supplier against a duly signed invoice copy based on proof of payment.</li> <li>v. Payment will be withheld partially or fully if the process is not adhered to.</li> <li>vi. Advance Payment: No advance payment is generally admissible. In case a specific percentage of advance payment (not more than 30%) is required, the Vendor has to submit a Bank Guarantee from a scheduled commercial bank in India equivalent to the amount of advance payment.</li> </ul>
15)	<p><b>Acceptance and Rejection:</b></p> <p>Failure to comply with any of the instructions stated in this document or offering unsatisfactory explanations for non-compliance will likely to lead to rejection of offers.</p> <p>I.I.T. Madras has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.</p>
16)	<p><b>Debarment from Bidding:</b></p> <p>In case of breach of Terms &amp; Conditions, Bidder may be suspended from being eligible for bidding in any contract with the IIT Madras up to 2 Years [as per Rule 151(iii) of GFR] from the date as fixed by IIT Madras.</p>
17)	<p><b>Disputes and Jurisdiction:</b></p> <p><b>Settlement of Disputes:</b> Any dispute, controversy or claim arising out of or in connection with this PO including any question regarding its existence, validity, breach or termination, shall in the first instance be attempted to be resolved amicably by both the Parties. If attempts for such amicable resolution fails or no decision is reached within 30 days whichever is earlier, then such disputes shall be settled by arbitration in accordance with the Arbitration and Conciliation Act, 1996. Unless the Parties agree on a sole arbitrator, within 30 days from the receipt of a written request by one Party from the other Party to so agree, the arbitral panel shall comprise of three arbitrators. In that event, the supplier will nominate one arbitrator and the Project Coordinator of IITM shall nominate an arbitrator. The Dean IC&amp;SR will nominate the Presiding Arbitrator of the arbitral tribunal. The arbitration proceeding shall be carried out in English language. The cost of arbitration and fees of the arbitrator(s) shall be shared equally by the</p>

	<p>Parties. The seat of arbitration shall be at IC&amp;SR IIT Madras, Chennai.</p> <p>a. <b>The Applicable Law:</b> The Purchase Order shall be construed, interpreted and governed by the Laws of India. Court at Chennai shall have exclusive jurisdiction subject to the arbitration clause.</p> <p>b. Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Chennai in Tamil Nadu.</p>
18)	<p><b>Force Majeure:</b> The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.</p> <p>For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.</p> <p>If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.</p>
19)	<p><b><u>Eligibility Criteria:</u></b></p> <ul style="list-style-type: none"> <li>➤ <b><u>As per the Government of India Order, only "Class - I Local Suppliers" and "Class - II Local Suppliers" can participate in this tender.</u></b></li> <li>➤ <b><u>Bidder should confirm their acceptance that they comply with the provisions with report to "Guidelines for eligibility of a bidder from a country which shares a land border with India as detailed at Annexure-E. The bidder should submit Certificate for "Bidder from/ Not from Country sharing Land border with India &amp; Registration of Bidder with Competent Authority" as per Order of DoE F.No.6/18/2019-PPD dated 23.07.2020 and No.F.7/10/2021-PPD(1) dated 23.02.2023 and No.F.7/10/2021-PPD(1) dated 23.02.2023.</u></b></li> <li>➤ <b><u>Any vendor furnishing MSME (Trading) certificate is not eligible for EMD Exemption and as well not entitled for any relaxation in the tender conditions.</u></b></li> </ul>
20)	<p><b>Preference to "class I Local Suppliers":</b> preference will be given to "Class I local suppliers" (subject to class -I local supplier's quoted price falling within the margin of purchase preference ) as per public procurement (preference to make in India) order 2017 .O.M No P- 45021/2/2017 – pp(BE - 11) dt 04/06/2020 subject to the conditions that the "Class I Local Supplier" should agree to supply goods / provide service at L1 rate and furnish a certificate with the technical bid document that the goods/service provided by them consists local content equal to or more than 50%.( certificate from Chartered Accountant in case value of contract exceeds Rs 10 crore).</p> <ul style="list-style-type: none"> <li>➤ <b>'Class - I local supplier'</b> means a supplier or service provider whose goods, services or works offered for procurement consists of local content equal to or more than 50% as defined under the above said order. <b>Declaration to be provided as per Annexure-D per item/service/work.</b></li> <li>➤ <b>'Class - II local supplier'</b> means a supplier or service provider whose goods, services or works offered for procurement consists of local content equal to 20% but less than 50% as defined under the above said order. <b>Declaration to be provided as per Annexure-D per item/service/work.</b></li> <li>➤ <b>'Margin of purchase preference':</b> - The margin of purchase preference shall be 20%. The Definition of the margin of purchase preference is defined in the Govt. of India Order No: <b>P-45021/12/2017-PP (BE-II) Dt.4th June, 2020) Order 2017. As per the Government of India Order – "Margin of Purchase Preference" means the maximum extent to which the price quoted by a "Class-I local supplier" may be above the L1 for the purpose of purchase</b></li> </ul>



	<p>preference.</p> <p><b>**Note: Local content percentage to be calculated in accordance with the definition provided at clause 2 of revised public procurement preference to Make in India Policy vide GoI Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 &amp; P-45021/102/2019-BE-II-Part(1) (E-50310) Dt.4th March 2021</b></p>															
21)	<p><b>Evaluation of Bids</b></p> <p>Bid evaluation will take place in two stages.</p> <p><b>Stage I Technical Bid Evaluation</b></p> <p>i. All bidders who have fully complied with the bidder eligibility criteria will only be considered for the opening of technical bids.</p> <p>ii. The technical proposals are opened first and evaluated against the technical evaluation criteria mentioned below, and the technical-score will be calculated based on the methodology mentioned below. Bidders qualifying this criterion will only be considered technically eligible.</p> <p>The following elements will be the primary considerations (along with their weightage) in evaluating technical proposals submitted in response to this tender.</p> <p><b>A. Bidder's Competence, Expertise &amp; Experience on areas related to this project (30% weightage):</b></p> <p>Bidder's documents submitted in Section (II) of Annexure-A in support of their organization's experience, team size, previous projects handled will be evaluated by a Committee, appointed by IIT Madras, against the scheme of assessment given below and the total score would be calculated as per the process given in this clause.</p> <table><tr><th>Item details</th><th>Max. marks</th><th>Marks breakup details</th></tr><tr><td>Experience in areas related to this project (no. of years)</td><td>20</td><td>Less than 1 year: 0 marks 1 to 2 years: 10 marks 2 to 3 years: 15 marks 3+ years: 20 marks</td></tr><tr><td>Full time professional team size (nos.)</td><td>30</td><td>Less than 3 members: 0 marks 3 to 5 members: 20 marks 5 to 7 members: 25 marks 7+ members: 30 marks</td></tr><tr><td>Successful projects (related to automotive telematics industry) executed (nos.)</td><td>20</td><td>No project: 0 marks 1 to 2 project: 10 marks 3 to 4 projects: 15 marks 4+ projects: 20 marks</td></tr><tr><td>Successful projects handled in mobile app based telematics project (nos.)</td><td>30</td><td>No project: 0 marks 1 project: 10 marks 2 to 3 projects: 20 marks 3+ projects: 30 marks</td></tr></table> <p><b>B. Compliance to the technical requirements of this tender (20% weightage):</b></p> <p>The technical proposal will be evaluated by a committee appointed by IIT Madras. The committee evaluates the proposal to verify how best it fulfils the objectives, scope, technical requirements, and deliverables as set out in this tender. The technical evaluation criteria format for technical specifications given in Annexure-B will be used for this purpose.</p> <p><b>C. Technical presentation (40% weightage):</b></p> <p>The bidders who meet the requirements mentioned in Sections (I) and (II) of Annexure-A may</p>	Item details	Max. marks	Marks breakup details	Experience in areas related to this project (no. of years)	20	Less than 1 year: 0 marks 1 to 2 years: 10 marks 2 to 3 years: 15 marks 3+ years: 20 marks	Full time professional team size (nos.)	30	Less than 3 members: 0 marks 3 to 5 members: 20 marks 5 to 7 members: 25 marks 7+ members: 30 marks	Successful projects (related to automotive telematics industry) executed (nos.)	20	No project: 0 marks 1 to 2 project: 10 marks 3 to 4 projects: 15 marks 4+ projects: 20 marks	Successful projects handled in mobile app based telematics project (nos.)	30	No project: 0 marks 1 project: 10 marks 2 to 3 projects: 20 marks 3+ projects: 30 marks
Item details	Max. marks	Marks breakup details														
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Successful projects handled in mobile app based telematics project (nos.)	30	No project: 0 marks 1 project: 10 marks 2 to 3 projects: 20 marks 3+ projects: 30 marks														

be invited to make a technical presentation before a committee appointed by IIT Madras to explain their proposal.

The following scheme of assessment will be used to evaluate the presentation.

Item details	Max. Marks
Clarity of presentation	20
Providing proven track record	20
How best the content of the presentation aligns with the technical requirements of the project	40
How best the queries during the presentation were answered by the bidder	20

**D. References (10% weightage):**

The Committee will also assign the marks for the references submitted by the bidder based on the value of references.

**E. Final Score:** Marks obtained by the Bidder for the technical bid = M

The final score of the bids will be calculated based on the scores obtained in Clauses A to D above by applying the weightages mentioned. The bidder shall obtain minimum 70 marks to consider as a technically eligible bidder.

**Stage II: Price Bid Evaluation**

- i. Financial proposals are opened for only technically eligible bids. The financial proposals are also given cost score based on the relative ranking of prices, with 100 marks for the lowest priced offer and pro-rated lower marks for higher priced offers.
- ii. The total score for the bid will be calculated by weighting the technical score and cost score calculated as mentioned above in this clause and adding them after applying the weightages. The weightage given to cost score is 30%, and the technical score is given weightage of 70%. The calculation for arriving at the total combined score (technical and cost) is given below:  
  
Marks obtained by the Bidder for the technical bid = M  
Amount quoted by the lowest bidder = L1  
Amount quoted by a Bidder = L  
Points for financial proposal of the Bidder =  $(L1/L) \times 100 = F$   
Combined technical and financial score (H) of the bidder =  $M \times 0.7 + F \times 0.3 = H$
- iii. The combined technical and financial scores of all the bidders will be calculated as above, and the bidder who secures the highest combined score (H1) will be selected as the successful bidder.

22)	In accordance to the Rule 173 of GFR,2017 and relevant provisions thereof in Procurement Manuals, 2022, IC&SR, IITM reserves the right to carry out the negotiation process through its purchase/technical committee with L1/H1 (as applicable) vendor to ensure price reasonability before final recommendation to the Competent Authority. The negotiation details, if any, on case-to-case basis shall be recorded in minutes of meetings suitably for records.
23)	<b>Selection of successful bidder and Award of Order</b> The order will be directly awarded to the technically qualified bidder as per the condition in para 3A of DIPP, MoCI Order No. 45021/2/2017-PP (BE II) dated 16th September 2020.
24)	All information including selection and rejection of technical or financial bids of the prospective bidders will be communicated through e-Tender portal. In terms of Rule 173(iv) of General Financial Rule 2017, the bidder shall be at liberty to question the bidding conditions, bidding process and/or rejection of bids.
25)	The tenderer shall certify that the tender document submitted by him / her are of the same replica of the tender document as published by IIT Madras and no corrections, additions and alterations made to the

	same. If any deviation found in the same at any stage and date, the bid / contract will be rejected / terminated and actions will be initiated as per the terms and conditions of the contract.
<b>26)</b>	Clarification to the queries and doubts raised by the bidders will be issued as a corrigendum/addendum in the e-tenders portal.
<b>27)</b>	In the e-tender process, participation of bidders after the due date is not possible. The eligible bidders can login to the e-Procurement portal to ascertain the tender status.

### **ACKNOWLEDGEMENT**

It is hereby acknowledged that I/We have gone through all the points listed under “Specification, Guidelines, Terms and Conditions” of tender document. I/We totally understand the terms and conditions and agree to abide by the same.

**SIGNATURE OF TENDERER ALONG WITH  
SEAL OF THE COMPANY WITH DATE**

**Bidder Eligibility Criteria and Technical Specification for ASSESSMENT OF TRUCK DRIVING BEHAVIOUR ON SAFETY AND ENERGY EFFICIENCY USING ARTIFICIAL INTELLIGENCE (AI) DRIVEN MOBILE APPLICATION**

Tender No. ED/SHANK/060/2024/ASSMTAIMOB

**SECTION – I: Bidder Eligibility Criteria – I (Public Procurement – Preference to Make in India)**

Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE-II) dated 16<sup>th</sup> September 2020 and other subsequent orders issued therein (ANNEXURE – D)

**SECTION – II: Bidder Eligibility Criteria – II**

1. Vendor Registration ID/Proof.
2. Land Border Certificate (ANNEXURE – E).
3. Non- Debarment Declaration (ANNEXURE – G).
4. Mandate Form (ANNEXURE – I)
5. EMD as per Tender, to be remitted in the account number as given in the (Annexure – H) or EMD is exempted for Micro and Small Enterprises (MSE) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) and Startups as recognized by Department of Industrial Policy & Promotion (DIPP). (MSE/MSME/DIPP PROOF should be enclosed in the cover containing technical bid). Any vendor furnishing MSME (Trading) certificate is not eligible for EMD Exemption and as well not entitled for any relaxation in the tender conditions.

Reputed agencies meeting the following minimum criteria are eligible to apply and are required to submit the required documents. Agencies not meeting these mandatory eligibility criteria will not be considered for further evaluation. The evaluation criteria format given in the **Annexure-B** to this tender will be used for this purpose

6. The bidders must be a software development company and should have developed or rolled out software's / applications to the Govt. sectors of State or Central / Private sector / Institutes. Proof of work completed in last 3 years to be submitted.
7. The bidders must have themselves experienced in developing applications, based on user requirements and should have in-house team, at least 3 full-time members to support software development and technical requirements.
8. The bidder should have registered with the service tax department and should carry a valid PAN from the Income Tax Department. Should submit the copy of these documents along with Technical Bid.
9. The bidder should be a registered company in India and shall have dedicated team in India to manage India operations for this project, and appropriate supporting documents should be submitted.

10. The bidder shall include the details of previous projects related to mobile app-based telematics handled in last three years. For each project, the details on title of project, start date, completion date, client name & address (only city & country are sufficient to mention) shall be provided in the format given in Form-B of this tender. The bidder must also provide details of brief description of these projects and description of actual services provided by the bidder organization for each project as a separate annexure to **Form-B**. Appropriate documents should be submitted to support this requirement.

**NOTE:**

I. The bidder shall enclose all necessary documents and declarations to support all the above-mentioned eligibility criteria along with the tender document. Failure to furnish all required information as per the above criteria may result in the rejection of the bid.

II. If more than one organization is collaborating and participating in this tender as a consortium, the lead vendor in the consortium should satisfy the eligibility criteria set forth herein.

### **SECTION-III: Technical Specification for Assessment of Truck Driving Behaviour On Safety And Energy Efficiency Using Artificial Intelligence (AI) Driven Mobile Application**

The bidder shall submit the technical proposal (bid) meeting the objectives, scope, technical requirements, and deliverables as mentioned below in this tender. The bidder shall include the tasks and methodology that will be followed by them for the execution of this project and shall provide the tentative timelines (preferably as a Gantt chart) including the key milestones of this project.

#### **1. ABOUT CoEZET:**

The Centre of Excellence for Zero Emission Trucking (CoEZET) has been established at the Department of Engineering Design, Indian Institute of Technology Madras (IITM), with the objective of accelerating the deployment of Zero Emission Trucks (ZET) in India in Medium & Heavy-Duty range with GVW of 12 Tons and above. CoEZET's vision is to become a nodal resource for Zero Emission Trucking solutions for all the related stakeholders in India and abroad.

#### **2. BACKGROUND OF THE PROJECT:**

For effective Zero Emission Truck (ZET) penetration and sustained utilisation in the field, it is important to create awareness among all the stakeholders of electric trucks. Since drivers play a vital role in the trucking industry, it is essential to bring them into the ZET ecosystem from the beginning, so that they can start understanding of ZETs and help adopt them without any hassles.

Driving behaviour in terms of safety and economy helps to reduce energy consumption and results in better operating economics in ZETs. Though there are systems to monitor driving performance, they are more truck owner driven and mostly aimed at improving operating performance.

Driving errors and chances lead to many "just miss" cases; they lead to minor accidents or incidents without damage to anyone. Continuing such driving behaviour may end up with accidents causing damage to own as well as other road users. At times, this results in fatal accidents. Accidents, whether minor or major, lead to loss of operational days, a loss in repairing the truck, and treatment for everyone involved in the accident. Hence, it becomes necessary to monitor driving behaviour and provide feedback for the driver to correct himself in terms of safe driving. It is beneficial for every stakeholder in the trucking industry.

### 3. PROJECT OBJECTIVE AND OVERVIEW:

In this tender, we seek proposals for the assessment of truck driving behaviour through AI driven mobile application to enhance safety measures, improve driving behaviour, encourage energy saving, and reduce accidents. Emphasis on innovative AI technology to meet safety and sustainability objectives through anticipative alerts before the emergency happen.

This tender is being issued with the objectives of: -

- a. Replacing speculative approaches for calculating driving risks with precise data driven analytics.
- b. Attracting low risk drivers who appreciate being rewarded for their safe and efficient driving behaviour.
- c. Encouraging smarter, safer and efficient driving behaviour through feedback coaching and incentives
- d. Top 15 states where M&HDV truck population is concentrated.
- e. Divide these states into 4 zones and operate for 3 months in each zone.
- f. Develop or modify existing mobile based App.
- g. Enroll new drivers every month.
- h. In collaboration with truck owners, enroll the drivers through their mobile.
- i. Monitor driving behaviour for a month, develop a rating methodology, arrive at a safety score and energy efficiency score for each driver and rank them based on driving behavior.
- j. Provide feedback to each driver on their behaviour and their position compared to other drivers. It is expected to give them opportunity to correct their driving behaviour and helps to avoid accidents and drive efficiently.
- k. Suitable branding for the mobile app shall be provided by the purchaser. App may be co-branded with developer / supplier with prior approval from purchaser.
- l. Assessment is for the driver's behaviour, independent of vehicle.

### 4. PROJECT SCOPE:

The Scope of this project is:

- I. Assessment of driving behaviour on parameters such as (not limited to) driving risk, over speed, acceleration, braking, cornering, driving style, anticipative alerts / score, and self-confidence score.
- II. Drivers of diesel trucks above 12T GVW.
- III. Privately employed drivers and self-employed drivers (Government employees excluded).
- IV. Long distance operations, with a minimum of 4000 km per month.
- V. Cover all types of trucks and all applications.
- VI. To cover any brand of trucks, exclusively or multiple brands

### 5. TECHNICAL REQUIREMENTS:

We require mobile app-based telematics, preferably an Artificial Intelligence embedded software module that continuously calculates the level of prudence of truck driving attitude in its environment. Lack of prudence is called risk, which is not a probability of collision but a lack of prudence.

- i. The mobile app software should help the driver to anticipate. By preventing all the little lack of caution, the software eliminates the first link in the chain of events that lead to an incident, an emergency and then an accident.
- ii. Utilising Electronic Horizon (EH) to analyse road attributes (static traffic signs), prudent recommended speed limits aid vehicles in anticipating curves, intersections, etc. Electronic Horizon (EH) is given by map matching as the most probable path or predicted route using the current coordinates of the vehicle.
- iii. The solution must include anticipative alerts designed to inform drivers of inadequate driving behaviour relative to the static context of road infrastructure.
- iv. Alerts should proactively notify drivers when the risk rises significantly, allowing sufficient time to reduce speed and prevent emergencies. This feature is expected to result in a significant reduction in accident rates, encompassing various types of accidents such as regular, personal, and sever injuries, and fatalities.
- v. Mobile app software should capture the adequacy of the driving behaviour with respect to static context or road infrastructure (violation of traffic signs)
- vi. Individual driving score recorded for each ride, that included anticipation, self-confidence and driving skills.
- vii. Implementation of risk-based driving behaviour analysis with anticipative alerts and continuous monitoring of mobile usage during rides.
- viii. Development of a leaderboard showcasing driving behaviour for each user for each ride.
- ix. Measurement and analysis of
  - Driving risk
  - Overspeed
  - Acceleration
  - Braking
  - Cornering
  - Driving style.
  - Anticipative alerts / score
  - Self-confidence score.
- x. The data capture frequency is set to more than 10 times per second.
- xi. Implementation of automatic ride initiation and termination, functioning 24x7.
- xii. Compliance with ISO 27001 standards for information security management.
- xiii. Minimal mobile battery consumption to optimise device performance.
- xiv. Background functionality ensures continuous operation, even when the app is not actively in use.

## **6. BENEFITS**

- i. Replacing speculative approaches for calculating driving risks with precise data driven analytics.
- ii. Attracting low risk drivers who appreciate being rewarded for their safe driving behaviour.
- iii. Encouraging smarter, safer and energy efficient driving behaviour through feedback coaching and incentives.



## **7. DELIVERABLES**

Selected vendor to submit following reports on a monthly basis

- i. Statement of details of drivers enrolled.
- ii. Driving scores of individual scores and their rank.
- iii. Analysis report and any recommendations to improve driver's driving skills.
- iv. Inform in writing if there is any update or change in software

## **8. TIMELINE OF PROJECT:**

The total duration of this project shall be 15 months from the release of the Purchase Order to the bidder.

- i. The project shall be started within 3 months from the date of release of purchase order.
- ii. A driving behaviour assessment is to be done for 12 months.
- iii. Consolidated driver-wise data with their ranking shall be provided to the purchaser on a monthly basis before the 10<sup>th</sup> of the following month.

**TECHNICAL BID PROFORMA****Tender No. ED/SHANK/060/2024/ASSMTAIMOB****Item Name: ASSESSMENT OF TRUCK DRIVING BEHAVIOUR ON SAFETY AND ENERGY EFFICIENCY USING ARTIFICIAL INTELLIGENCE (AI) DRIVEN MOBILE APPLICATION****1.0 Bidder Eligibility Criteria:**

I	Bidder Eligibility Criteria-I (Public Procurement – Preference to Make in India)	Class I / Class II	Local Content Percentage	Ref. Page No.
I	Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE II) dated 16 <sup>th</sup> September 2020 and other subsequent orders issued therein (ANNEXURE – D)			

**2.0 Bidder Eligibility Criteria:**

II	Bidder Eligibility Criteria-II	Complied/Not Complied	Ref Page No.
1	Vendor Registration ID/Proof		
2	Land Border Certificate (ANNEXURE – E)		
3	Non- Debarment Declaration (ANNEXURE – G).		
4	Mandate Form (ANNEXURE – I)		
5	EMD as per Tender, to be remitted in the account number as given in the (Annexure – H) or EMD is exempted for Micro and Small Enterprises (MSE) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) and Startups as recognized by Department of Industrial Policy & Promotion (DIPP). (MSE/MSME/DIPP PROOF should be enclosed in the cover containing technical bid). Any vendor furnishing MSME (Trading) certificate is not eligible for EMD Exemption and as well not entitled for any relaxation in the tender conditions.		
6	The bidders must be a software development company and should have developed or rolled out software's / applications to the Govt. sectors of State or Central / Private sector / Institutes. Proof of work completed in last 3 years to be submitted		
7	The bidders must have themselves experienced in developing applications, based on user requirements and should have in-house team, at least 3 full-time members to support software development and technical requirements.		
8	The bidder should have registered with the service tax department and should carry a valid PAN from the Income Tax Department. Should		

	submit the copy of these documents along with Technical Bid		
9	The bidder should be a registered company in India and shall have dedicated team in India to manage India operations for this project, and appropriate supporting documents should be submitted.		
10	The bidder shall include the details of previous projects related to mobile app based telematics handled in last three years. For each project, the details on title of project, start date, completion date, client name & address (only city & country are sufficient to mention) shall be provided in the format given in Form-B of this tender. The bidder must also provide details of brief description of these projects and description of actual services provided by the bidder organization for each project as a separate annexure to Form-B. Appropriate documents should be submitted to support this requirement		

### 3. Technical Compliance Statement to accompany with

\* Unquoted offer to be enclosed with technical bid in detail mentioning Model number, Description of the goods / service if any, for the supply with terms and conditions in conformity with the Tender requirement.

The bidder shall submit the technical proposal (bid) meeting the objectives, scope, technical requirements, and deliverables as mentioned below in this tender. The bidder shall include the tasks and methodology that will be followed by them for the execution of this project and shall provide the tentative timelines (preferably as a Gantt chart) including the key milestones of this project.

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and provide feedback for the driver to correct himself in terms of safe driving. It is beneficial for every stakeholder in the trucking industry.

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- j. Provide feedback to each driver on their behaviour and their position compared to other drivers. It is expected to give them opportunity to correct their driving behaviour and helps to avoid accidents and drive efficiently.
- k. Suitable branding for the mobile app shall be provided by the purchaser. App may be co-branded with developer / supplier with prior approval from purchaser.
- l. Assessment is for the driver's behaviour, independent of vehicle.

### **4. PROJECT SCOPE:**

The Scope of this project is:

- I. Assessment of driving behaviour on parameters such as (not limited to) driving risk, over speed, acceleration, braking, cornering, driving style, anticipative alerts / score, and self-confidence score.
- II. Drivers of diesel trucks above 12T GVW.
- III. Privately employed drivers and self-employed drivers (Government employees excluded).
- IV. Long-distance operations, with a minimum of 4000 km per month.
- V. Cover all types of trucks and all applications.
- VI. To cover any brand of trucks, exclusively or multiple brands

Sl.No.	Technical Specifications	Complied / Not complied	Refer Page. No.
5.	<p><b><u>TECHNICAL REQUIREMENTS:</u></b></p> <p>We require mobile app-based telematics, preferably an Artificial Intelligence embedded software module that continuously calculates the level of prudence of truck driving attitude in its environment. Lack of prudence is called risk, which is not a probability of collision but a lack of prudence.</p>		
i	The mobile app software should help the driver to anticipate. By preventing all the little lack of caution, the software eliminates the first link in the chain of events that lead to an incident, an emergency and then an accident.		
ii	Utilising Electronic Horizon (EH) to analyse road attributes (static traffic signs), prudent recommended speed limits aid vehicles in anticipating curves, intersections, etc. Electronic Horizon (EH) is given by map matching as the most probable path or predicted route using the current coordinates of the vehicle		
iii.	The solution must include anticipative alerts designed to inform drivers of inadequate driving behaviour relative to the static context of road infrastructure		
iv.	Alerts should proactively notify drivers when the risk rises significantly, allowing sufficient time to reduce speed and prevent emergencies. This feature is expected to result in a significant reduction in accident rates, encompassing various types of accidents such as regular, personal, and sever injuries, and fatalities.		
v.	Mobile app software should capture the adequacy of the driving behaviour with respect to static context or road infrastructure (violation of traffic signs)		
vi.	Individual driving score recorded for each ride, that included anticipation, self-confidence and driving skills.		
vii.	Implementation of risk-based driving behaviour analysis with anticipative alerts and continuous monitoring of mobile usage during rides.		
viii.	Development of a leaderboard showcasing driving behaviour for each user for each ride.		

ix.	Measurement and analysis of <ul style="list-style-type: none"> <li>• Driving risk</li> <li>• Overspeed</li> <li>• Acceleration</li> <li>• Braking</li> <li>• Cornering</li> <li>• Driving style.</li> <li>• Anticipative alerts / score</li> <li>• Self-confidence score.</li> </ul>		
x.	The data capture frequency is set to more than 10 times per second.		
xi.	Implementation of automatic ride initiation and termination, functioning 24x7.		
xii.	Compliance with ISO 27001 standards for information security management		
xiii.	Minimal mobile battery consumption to optimise device performance		
xiv.	Background functionality ensures continuous operation, even when the app is not actively in use.		
<b>6</b>	<b>BENEFITS</b>		
i.	Replacing speculative approaches for calculating driving risks with precise data driven analytics		
ii.	Attracting low risk drivers who appreciate being rewarded for their safe driving behaviour.		
iii.	Encouraging smarter, safer and energy efficient driving behaviour through feedback coaching and incentives.		
<b>7</b>	<b>DELIVERABLES:</b> Selected vendor to submit following reports on a monthly basis		
i.	Statement of details of drivers enrolled.		

ii.	Driving scores of individual scores and their rank.		
iii.	Analysis report and any recommendations to improve driver's driving skills		
iv.	Inform in writing if there is any update or change in software		
<b>8</b>	<b>TIMELINE OF PROJECT:</b> The total duration of this project shall be 15 months from the release of the Purchase Order to the bidder.		
i.	The project shall be started within 3 months from the date of release of purchase order.		
ii.	A driving behaviour assessment is to be done for 12 months.		
iii	Consolidated driver-wise data with their ranking shall be provided to the purchaser on a monthly basis before the 10 <sup>th</sup> of the following month.		

Note:

(i) It is mandatory for the bidders to provide the compliance statement (Complied/Not Complied) for the above points with document proof as required). If the compliance statement (Complied/Not Complied) is not furnished for the evaluation Bidders will be disqualified.

(ii) Technical Bid Should NOT Contain Price Bid/Financial Bid details (or) Indication. If the price Details are indicated, mentioned inside the technical bid, then bid will be disqualified and neither the Technical Bid nor the Price Bid/Financial Bid will be considered.

**SIGNATURE OF BIDDER ALONG WITH  
SEAL OF THE COMPANY WITH DATE**

### Form-B

#### Details of the Previous Projects Handled by the Bidder Company / Firm during the previous years

S. No.	Details of the Previous Projects Handled by the Bidder, Company / Firm during the previous years	Name and Address of Clients (City, Country)	Project Title	Start date of the project (MM-YYYY)	Stipulated Date of completion of the project (MM-YYYY)	Actual date of completion (MM-YYYY)	Amount of Contract (Rs. Lakhs)	Litigation/ Arbitration pending / In progress with details	Name and address/ Tel. No. of Officer to whom to contact	Remarks

Note: The copies of the work orders and proof of completion of the above projects should be submitted. The bidder must also provide details of brief description of these projects and description of actual services provided by the bidder organization for each project as a separate annexure to this Form.



**FINANCIAL BID (PROFORMA) - BILL OF QUANTITIES (BOQ)**

**Item Name: ASSESSMENT OF TRUCK DRIVING BEHAVIOUR ON SAFETY AND ENERGY EFFICIENCY USING ARTIFICIAL INTELLIGENCE (AI) DRIVEN MOBILE APPLICATION**

**Tender No. ED/SHANK/060/2024/ASSMTAIMOB**

	Description of work	Quantity	Units	Basic Rate in INR	GST in Percentage	Total Amount with taxes in INR
1	Assessment of Truck Driving Behaviour on Safety and Energy Efficiency Using Artificial Intelligence (AI) Driven Mobile Application (Rate / driver / month)	1	Rate / driver / month			
	Grand Total					

Total Amount Rupees in words \_\_\_\_\_

Note:

1. Price bid as per this format to be uploaded only at the financial document column in CPP Portal. Price disclosure at the technical bid will result in disqualification.
2. Technical Bid Should NOT Contain Price Bid/Financial Bid details (or) Indication. If the price Details are indicated, mentioned inside the technical bid, then bid will be disqualified and neither the Technical Bid nor the Price Bid/Financial Bid will be considered.
3. Unquoted offer to be enclosed with technical bid in detail mentioning Model number, Description of the goods / service if any, for the supply with terms and conditions in conformity with the Tender requirement.

I/We the bidder accept all the terms and conditions as per tender including all technical & commercial conditions.

Date:

Place:

Authorized Signatory

(\_\_\_\_\_)

Seal and signature

**To be obtained from the Supplier / Service Provider****FORMAT FOR AFFIDAVIT OF SELF-CERTIFICATION UNDER PREFERENCE TO MAKE IN INDIA – PER ITEM**

This letter should be on the letterhead of the quoting firm and should be sealed & signed by a competent authority.

Non-submission of this form will lead to Disqualification of bids.

**Name of the Item / Service:** \_\_\_\_\_

Date: \_\_\_\_\_

I/We \_\_\_\_\_ S/o, D/o, W/o, \_\_\_\_\_

Resident of \_\_\_\_\_

Hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Policy vide GoI Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P-45021/102/2019-BE-II-Part (1) (E-50310) Dt. 4th March 2021 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said item/service/work has been verified by me and I am responsible for the correctness of the claims made therein.

<b>Tick (✓) and Fill the Appropriate Category</b>	
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 50% and come under “ <b>Class-I Local Supplier</b> ” category.
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to 20% but less than 50% and come under “ <b>Class-II Local Supplier</b> ” category.

**The percentage of Local Content confirmed above is excluding the following such as transportation, insurance, installation, commissioning, testing, training and after sales service support like AMC/CMC etc.**

We also understand, false declaration will be in the breach of the Code of Integrity under rule 175(1)(i)(h) of the General Rules for which a bidder or its successors can be debarred for upto two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

- The details of the location (s) at which the local value addition is made and the proportionate value of local content in percentage

Address \_\_\_\_\_  
\_\_\_\_\_

Percentage of Local content: \_\_\_\_\_ %  
Country of Origin of Goods: \_\_\_\_\_

For and on behalf of ..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)  
<Insert Name, Designation and Contact No.>

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

**Land Border Sharing Declaration**

(To be given on the Letterhead of the Supplier / Bidder)

In-line with Department of Expenditure's (DoE) Public Procurement Division Order vide ref.

F.No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020

Quotation / Tender No. \_\_\_\_\_ Dated: \_\_\_\_\_

**CERTIFICATE**

*(Bidders from India)*

"I/ We have read the clauses pertaining to Department of Expenditure's (DoE) Public Procurement Division Order (Public procurement no 1, 2 & 3 vide ref. F.No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020) regarding restrictions on procurement from a bidder of a country which shares a land border with India. I/We hereby certify that I/ we \_\_\_\_\_ (Name of the bidder) is/are not from such a country and eligible to be considered for this tender.

**OR**

*(Bidders from Country which shares a land border with India)*

I/We \_\_\_\_\_ (Name of the bidder) is/are from \_\_\_\_\_ (Name of the Country) and has been registered with the Competent Authority. I / We also certify that I fulfil all the requirements in this regard and is / are eligible to be considered. *(Copy/ evidence of valid registration by the Competent Authority from Government Of India, Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade (Public Procurement Section), Udyog Bhawan, New Delhi is to be attached)*

Place:

Date:

Signature of the Bidder

Name & Address of the Bidder with Office Stamp

**TENDER CHECKLIST – Mandatory documents to be filled and attached along with technical bid document.**

- |  |                          |
|--|--------------------------|
| (1) I have registered as a Vendor with IC&SR. (Proof to be enclosed)   | <input type="checkbox"/> |
| (2) To submit document proof pertaining to Point.No: 6 of Tender ISO Certificate, Valid GSTIN Certificate, valid PAN details.                                | <input type="checkbox"/> |
| (3) Technical Bid details and Financial Bid details have to be provided in a separate folder   | <input type="checkbox"/> |
| (4) Completed and Signed Form of Tender. The Form of Tender document shall be signed by a person legally authorized. (Proof of Authorization to be enclosed) | <input type="checkbox"/> |
| (5) Completed Technical Compliance Statement   | <input type="checkbox"/> |
| (6) Evidence of similar contracts completed/Product supplied in case if the details are requested in ( <b>Annexure – A</b> )                                 | <input type="checkbox"/> |
| (7) Certification of Class I / Class II Local Supplier (Goods, Services, or Works) is submitted as part of the technical bid. ( <b>Annexure – D</b> )        | <input type="checkbox"/> |
| (8) EMD as per tender norms is deposited and the proof is enclosed ( <b>Annexure – H</b> )   | <input type="checkbox"/> |
| (9) Land Border sharing declaration document is submitted ( <b>Annexure – E</b> )  | <input type="checkbox"/> |
| (10) Non- Debarment Declaration ( <b>Annexure – G</b> )  | <input type="checkbox"/> |

The bid will be valid if all the above documents are provided. Bidders are asked to supply and tick off the required information. Failure to provide any of the stated documents as per tender norms may result in the bid being considered non-compliant and rejected.

**Signature of the Bidder**

**FORM - A**  
**NON- DEBARMENT DECLARATION**

**Date: XXXX**

To,  
 The Indian Institute of Technology Madras,  
 Sardar Patel road,  
 Guindy, Chennai - 600036

**Subject: Non-debarment declaration in connection with tender RFF No: XXXXXX for procurement of “XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX”**

Dear Sir,

This is to notify you that our Firm/Company/Organization *<provide Name of the Firm/Company/Organization>* intends to submit a proposal in response to the invitation for procurement of “XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX” In accordance with the above we declare that:

- a. We are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this assignment.
- b. We are not debarred by any Central/ State Government/ agency of Central/ State Government of India or any other country in the world/ Public Sector Undertaking/ any Regulatory Authorities in India or any other country in the world for any kind of fraudulent activities in last XX years.

Sincerely,

[BIDDERS NAME]

Name

Title Signature



CENTRE FOR INDUSTRIAL CONSULTANCY & SPONSORED RESEARCH (IC&SR)  
INDIAN INSTITUTE OF TECHNOLOGY MADRAS  
CHENNAI 600 036



**ELECTRONIC CLEARING SERVICE (Credit Clearing)/ REAL TIME GROSS SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTS**

**A. Details of Account Holder**

Name of the Institution	Indian Institute of Technology - Madras
Complete Contact Address	Industrial Consultancy and Sponsored Research Indian Institute of Technology-Madras, IIT- Madras Campus Post Office, Sardar Patel Road, Guindy, CHENNAI - 600 036
Permanent Account Number (PAN)*	AAAAI3615G
GST REGISTRATION NO.	33AAAAI3615G1Z6
Telephone No./ Fax No.	Tel - 044-2257 8356
E- mail ID of the FO/AO/REG/DIR	dricrs@iitm.ac.in

**B. Bank Account Details:**

Institution Account Name (As per Bank Record)	The Registrar, Indian Institute of Technology - Madras
Account No.	2722101003872
IFSC CODE	CNRB0002722
SWIFT CODE	CNRBINBBIIT
Bank Name (in full)	Canara Bank
Branch Name	IIT-Madras Branch
Complete Branch Address	Canara Bank, IIT-Madras Branch, IIT- Madras Campus Post Office, Sardar Patel Road, Guindy, CHENNAI - 600 036
MICR No.	600015085
Account Type	Savings Account

Certified that the Institute's account is in an RTGS enabled branch.  
I hereby declare that the particulars given above are correct and complete.

Date: 04/08/2023

कृते कनरा बैंक / For CANARA BANK

  
अधिकारी / Officer  
आई आई टी चेन्नई शाखा / IIT Chennai Branch  
चेन्नई / Chennai - 600 036

करोलिन लेमिना.म  
M. KAROLINE LEMINA  
अधिकारी  
OFFICER  
S.P. No:64356

  
Signature of the Competent Authority  
of the Institution with seal.

उप कुलसचिव (आईसी एवं एसआर)  
DEPUTY REGISTRAR (IC & SR)  
आईआईटी मद्रास  
I.I.T. MADRAS

## MANDATE FORM

## ELECTRONICS CLEARING SERVICE (CREDIT CLEARING)/REAL TIME GROSS SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTS.

\*\*\*\*\*

**A. DETAILS OF ACCOUNT HOLDER: -**

NAME OF ACCOUNT HOLDER	
COMPLETE CONTACT ADDRESS	
TELEPHONE NUMBER/E MAIL	

**B. BANK ACCOUNT DETAILS: -**

BANK NAME	
BRANCH NAME WITH COMPLETE ADDRESS, TELEPHONE NUMBER AND EMAIL	
WHETHER THE BRANCH IS COMPUTERISED?	
WHETHER THE BRANCH IS RTGS ENABLED? IF YES, THEN WHAT IS THE BRANCH <b>IFSC CODE</b>	
IS THE BRANCH ALSO NEFT ENABLED?	
TYPE OF BANK ACCOUNT(SB/CURRENT/CASH CREDIT)	
COMPLETE BANK ACCOUNT NUMBER(LATEST)	
MICR CODE OF BANK	

**DATE OF EFFECT:**

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I would not hold the user institution responsible. I have read the option invitation letter and agree to discharge the responsibility expected of me as a participant under the Scheme.

(.....)  
Signature of Bidder

**Date:**

Certified that the particulars furnished above are correct as per our records.  
(Bank's Stamp)

(.....)  
Signature of Bidder

**Date :**

1. Please attach a photocopy of the cheque along with the verification obtained from the bank.
2. In case your Bank Branch is presently not "RTGS enabled", then upon its upgradation to "RTGS Enabled" branch, please submit the information again in the above pro-forma to the Department at the earliest.