बिड संख्या/Bid Number: GEM/2026/B/8173960
दिनांक /Dated: 16-10-2026

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	14-11-2026 21:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	15-11-2026 21:00:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Heavy Industries And Public Enterprises
विभाग का नाम/Department Name	Department Of Heavy Industry
संगठन का नाम/Organisation Name	National Automotive Board
कार्यालय का नाम/Office Name	National Automotive Board Manesar
शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal	HOD Email id :chitra.hans@nabindia.in Buyer Email id: vikas.sharma@icat.in
वस्तु श्रेणी /Item Category	Repair, Maintenance, and Installation of Plant/ Systems/Equipments (Version 2) - Automotive Testing, Homologation, Certification, and Research & Development; Upgradation of Chassis Dyno of NVTC-2 Lab; Service Provider
अनुबंध अवधि /Contract Period	1 Year(s) 5 Month(s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	5 Year (s)
इसी तरह की सेवाओं का पिछला आवश्यक अनुभव है/Past Experience of Similar Services required	Yes
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/**Do you want to show documents uploaded by bidders to all bidders participated in bid?**	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / **Minimum number of bids required to disable automatic bid extension**	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / **Number of days for which Bid would be auto-extended**	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / **Number of Auto Extension count**	3
बिड से रिवर्स नीलामी सक्रिय किया/**Bid to RA enabled**	No
बिड का प्रकार/**Type of Bid**	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /**Time allowed for Technical Clarifications during technical evaluation**	5 Days
अनुमानित निविदा मूल्य (सभी करों सहित) भारतीय रुपये में / **Estimated Bid Value in INR (Inclusive of all taxes)**	19300000
मूल्यांकन पद्धति/**Evaluation Method**	Total value wise evaluation
मूल्य दर्शाने वाला वित्तीय दस्तावेज ब्रेकअप आवश्यक है / **Financial Document Indicating Price Breakup Required**	Yes
मध्यस्थता खंड/**Arbitration Clause**	No
सुलह खंड/**Mediation Clause**	No

ईएमडी विवरण/EMD Detail

एडवाईजरी बैंक/Advisory Bank	HDFC Bank
ईएमडी राशि/EMD Amount	386000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	HDFC Bank
ईपीबीजी प्रतिशत (%)/ePBG Percentage(%)	5.00

ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	36

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

(c).ईएमडी और संपादन जमानत राशि लाभार्थी के पक्ष में होनी चाहिए। / Earnest Money Deposit (EMD) shall also be accepted by the buyer in the form of a surety bond.

लाभार्थी /Beneficiary :

International Centre For Automotive Technology
Unit - National Automotive Board, Plot No. 26, Sector - 3, Near HSIIDC Office, IMT Manesar, Gurugram - 122050 (Haryana)
(International Centre For Automotive Technology)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई अनुपालन/MII Compliance

एमआईआई अनुपालन/MII Compliance	Yes

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% / Purchase Preference to MSE OEMs/ Service Provider available upto price within L1+X%	15

1. Years of Past Experience required: The bidder must have experience for number of years as indicated above in bid document (ending month of March prior to the bid opening) of providing similar type of services to any Central / State Govt Organization / PSU. Copies of relevant contracts / orders to be uploaded along with bid in support of having provided services during each of the Financial year.
2. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given

opportunity to match L-1 price and contract will be awarded for % (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.
3. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band as defined in the relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price.
4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.
5. Past Experience of Similar Services: The bidder must have successfully executed/completed similar Services over the last three years i.e. the current financial year and the last three financial years(ending month of March prior to the bid opening): -
1. Three similar completed services costing not less than the amount equal to 40% (forty percent) of the estimated cost; or
2. Two similar completed services costing not less than the amount equal to 50% (fifty percent) of the estimated cost; or
3. One similar completed service costing not less than the amount equal to 80% (eighty percent) of the estimated cost.

एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :

Price Breakup - 1792163668.xlsx

अतिरिक्त योग्यता /आवश्यक डेटा/Additional Qualification/Data Required

Buyer to mention scope of work:1792163679.pdf

Terms and Conditions/ Deductions etc to be mentioned by Buyer as per their requirement:1792163691.pdf

Any other details to be mentioned by buyer for repair work:1792163704.pdf

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
03-11-2026 14:00:00	VTL Meeting Room C/o International Centre For Automotive Technology, Plot No. 26, Sector - 3, Near HSIIDC Office, IMT Manesar, Gurugram - 122050 (Haryana)

Repair, Maintenance, And Installation Of Plant/ Systems/Equipments (Version 2) - Automotive Testing, Homologation, Certification, And Research & Development; Upgradation Of Chassis Dyno Of NVTC-2 Lab; Service Provider (1)

तकनीकी विशिष्टियाँ /Technical Specifications

विवरण/ Specification	मूल्य/ Values
कोर / Core	
Type of Premise	Automotive Testing, Homologation, Certification, and Research & Development
Type of Item/Product/System to be repaired or Installed	Upgradation of Chassis Dyno of NVTC-2 Lab

विवरण/ Specification	मूल्य/ Values
Consumables to be provided by	Service Provider
Spare parts to be provided by	Service Provider
एडऑन /Addon(s)	
अतिरिक्त विवरण /Additional Details	
Estimated number of visits as per last year records	0

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer	No

अतिरिक्त विशिष्टि दस्तावेज़ /Additional Specification Documents

परेषिती/रिपोर्टिंग अधिकारी /Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	Quantity	अतिरिक्त आवश्यकता /Additional Requirement
1	Girish Chander	122051,INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLGY Plot No 26, Sector 3, HSIIDC, IMT-Manesar, Gurgaon 122050	Project / Lumpsum Based	• Estimated Cost of Spare/Consumables/Items on Reimbursement basis in Rs (please input 0 if not applicable) : 0

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. **Generic**

   OPTION CLAUSE 50% : The buyer can increase or decrease the contract quantity or contract duration up to 50 percent at the time of issue of the contract. However, once the contract is issued, the contract quantity or contract duration can only be increased up to 50 percent. Bidders are bound to accept the revised quantity or duration.
   For lumpsum-based service contracts, the buyer may increase the scope of work and contract value up to 50 percent with the consent of the service provider

2. **Buyer Added Bid Specific ATC**

   Buyer uploaded ATC document Click here to view the file.

3. **Buyer Added Bid Specific Scope Of Work(SOW)**

File Attachment Click here to view the file.

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer ,is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid.All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM.If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

This Bid is governed by the सामान्य नियम और शर्तें/General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to this Service as provided in the Marketplace. However in case if any condition specified in सामान्य नियम और शर्तें/General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---

Additional Terms & Conditions (ATC)

ATC Index

SI No.	Content	Page No.
1.	NIT – Notice for Inviting Tender	2-3
2.	Chapter – 1 (Detailed Technical Requirement and Scope of Work)	4-18
3.	Chapter – 2 (Special Conditions of Contract – SCC)	19-25
4.	Chapter – 3 (Instructions to Bidders)	26-28
5.	Chapter – 4 (Earnest Money Deposit – EMD Clause)	29-30
6.	Chapter – 5 (Eligibility & Technical Evaluation Criteria)	31-35
7.	Chapter – 6 (Bid Rejection Criteria)	36-37
8.	Chapter – 7 (General Terms and Conditions)	38-45
9.	Chapter – 8 (Pre Delivery Inspection – PDI Criteria)	46-48
10.	Chapter – 9 (Site Acceptance Test - SAT Criteria)	49-51
11.	Form – I (Format for Performance Bank Guarantee – PBG)	52-53
12.	Form – II (Bidder Information Checklist)	54-55
13.	Form – III (Undertaking Regarding Blacklisting/Non-Debarment)	56
14.	Form – IV (Format of Declaration in Lieu of EMD/Bid Security)	57
15.	Form – V (Earnest Money Deposit Form – EMD)	58
16.	Form – VI (Declaration in Respect of Conflict of Interest)	59-61
17.	Form – VII (Original Equipment Manufacturer – OEM Authorization Certificate)	62-63
18.	Form – VIII (Declaration and Undertaking from Original Equipment Manufacturer – OEM)	64
19.	Form – IX (Product/Service Support Declaration)	65
20.	Form – X (Undertaking)	66
21.	Form – XI (No Deviation Declaration)	67
22.	Form – XII (Pre-Bid Queries / Suggestions for Clarifications, Deviations and Modifications)	68
23.	Form – XIII (Undertaking for Non Sub-Contracting)	69
24.	Form – XIV (Details of Contract)	70
25.	Form – XV (Declaration by the Bidder for Code of Integrity)	71
26.	Form – XVI (Format for Annual Turnover)	72
27.	Form – XVII (Declaration Regarding Restrictions on Procurement from a Bidder of a Country Which Shares Land Border with India)	73
28.	Form – XVIII (Certificate Regarding Declaration of Local Content)	74-75
29.	Form – XIX (Declaration to be Provided by MSE Bidder)	76
30.	Form – XX (Price Reasonability Declaration Letter)	77
31.	Form – XXI (Technical Compliance Checklist)	78-83

Additional Terms & Conditions (ATC)

NIT (Notice Inviting Tender)

The Director, International Centre for Automotive Technology (ICAT), a division of the National Automotive Board (NAB) under the Government of India, bearing GSTIN No. 06AABAN9435G2ZI, hereby invites online bids through the Proprietary Article Certificate (PAC) based Restrictive Bidding process on the Government e-Marketplace (GeM) Portal for **"Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana)"**, in accordance with the terms and conditions stipulated in this Tender Document.

Tender Activity Schedule

Scope of Supply/Work	Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana)
Detailed Technical Specification	Please Refer *"Chapter – 1"*
Site Location	VTL Department at ICAT Centre – 1, Manesar (Haryana)
Earnest Money Deposit (EMD) Or Bid Security Declaration	Earnest Money Deposit (EMD): *INR 3,86,000/- (Rupees Three Lakh Eighty-Six Thousand Only)* shall be submitted in form of DD/Bank Guarantee/Banker's Cheque& FDR drawn in favor of "International Centre for Automotive Technology", payable at Manesar/ Gurugram valid for at least six months from any branch of Delhi/NCR of Indian scheduled Bank or Online through RTGS/NEFT/Internet Banking in Beneficiary Name "International Centre for Automotive Technology". Or Firms registered as Start-ups or Micro and Small Enterprises (MSEs), as defined under the Public Procurement Policy for Micro and Small Enterprises (MSEs) issued by the Ministry of Micro, Small and Medium Enterprises (MSME), or firms registered with the Central Purchase Organization (CPO) or the concerned Ministry/Department, shall be exempted from payment of Earnest Money Deposit (EMD), subject to submission of a self-attested copy of the valid registration certificate along with the Technical Bid. The registration certificate shall be valid on the date of submission of bids and for a minimum period of Six (6) Months thereafter. Note: Traders, distributors, sole agents, and entities engaged in work contracts shall not be eligible for availing benefits under the MSME category. Or In place of a Bid security, Bidders can submit Bid securing declaration as per *"Form IV"* accepting that if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of 1 year from the date of opening of this bid from being eligible to submit Bids for contracts with the ICAT that invited the Bid.
Eligibility Criteria	Please Refer *"Chapter – 5"* of the ATC Document
The Last Date of Receipt of Queries if any,	Submission of Pre-Bid Queries: Bidders are required to submit their queries, if any, in writing to *E-mail ID by 02/11/2026 up to 1700 Hrs.* **Email ID:** raju.rathor@icat.in, darpan.vashishtha@icat.in, vikas.sharma@icat.in, monal.hasti@icat.in, sameer.bhatnagar@icat.in & javed.rahi@icat.in

Additional Terms & Conditions (ATC)

Date for Clarification Meeting	Pre-Bid Meeting shall be held to address queries and provide clarifications regarding the scope of work, technical requirements, and the bid submission process. ➢ Date: *03/11/2026* ➢ Time: *14:00 Hrs.* ➢ Venue: *VTL Meeting Room (Second Floor), International Centre for Automotive Technology (ICAT – Centre - 1), Plot No. 26, Sector – 3, Near HSIIDC Office, IMT Manesar, Gurugram – 122050, Haryana* ➢ Mode: *Physical Meeting* All interested bidders are encouraged to attend the pre-bid meeting to seek necessary clarifications before submission of their bids.

ICAT Bank Details for NEFT/RTGS *(In case any bidder deposits the EMD of INR 3,86,000/-through NEFT/RTGS)*

HDFC Bank Details (Saving A/c for transactions in INR Only); -

Beneficiary Name	International Centre for Automotive Technology
Bank Name	HDFC Bank Ltd.
Branch	Plot-K, Sector-2, Manesar-122050 Haryana
Account No.	05891450000118
Account Type	Saving
RTGS IFSC Code	HDFC0000589
Swift Code	HDFCINBB
MICR Code	110240079

➢ ICAT reserves the right to reject/modify/cancel the tender without assigning any reason thereof.

Additional Terms & Conditions (ATC)

Chapter – 1

Detailed Technical Requirement and Scope of Work

The Director, International Centre for Automotive Technology (ICAT), a division of the National Automotive Board (NAB) under the Government of India, bearing GSTIN No. 06AABAN9435G2ZI, hereby invites online bids through the Proprietary Article Certificate (PAC) based Restrictive Bidding process on the Government e-Marketplace (GeM) Portal for "**Upgradation of Chassis Dyno of NVTC-2 in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana)**", in accordance with the terms and conditions stipulated in this Tender Document.

1. Scope of Supply/Work Details

1.1 Scope Summary

Description	Quantity	Delivery Location	Target Completion Period from the date of award of GeM Contract
Upgradation of Chassis Dyno of NVTC-2 in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana)	1 Unit	ICAT Centre – 1	365 Calander Days (9 Months Delivery Period & 3 Months for Installation, Testing, Commissioning, Training and Final Acceptance)

1.2 Bidder Responsibility

1.1.1. **Chassis Dyno Upgradation for NVTC-2 Lab:** The Successful Bidder shall be solely responsible for the complete design, engineering, manufacture, assembly, inspection, testing, supply, installation, integration, commissioning, and performance verification of the upgraded Chassis Dynamometer System. The Bidder shall submit detailed technical specifications, brochures, drawings, and supporting technical literature for the proposed system. No deviation from the technical specifications and requirements stipulated in the Tender Document shall be permitted.

The Bidder shall submit complete technical documentation, Acceptance Test Reports, calibration certificates, and other relevant records pertaining to the proposed equipment. The Acceptance Test Reports shall relate to similar projects successfully executed by the Bidder and shall include the name and contact details of the respective end-user/customer. The Bidder shall also provide a declaration confirming that the submitted test reports correspond to the same or equivalent equipment proposed under this tender.

1.1.2. **Long-Term Support Obligation:** The Bidder shall guarantee the availability of technical support, repair services, software/firmware support, and spare parts for a minimum period of *ten (10) years from the date of Final Acceptance of the system*. Failure to ensure such support shall be treated as a breach of contractual obligation.

1.1.3. **System Integration with Existing Automation and Emission System for Vehicle Test Cell (NVTC – 2):** The existing chassis dynamometer for NVTC –2 Lab has been supplied by M/s AVL Zollner. The bidder shall offer complete support in integration of the upgraded Chassis Dynamometer system with current Emission and Automation system (M/s Horiba Emission System & VETSONE/STARVETS Automation system). (Please note that the Emission/Automation system is being upgraded in a separate tender & successful bidder for the same will be informed to the chassis dyno supplier).

The bidder shall discuss their requirements with respect to chassis Dyno with Automation and Emission system with supplier directly. Please note, ICAT will not be part of any discussion or will not be responsible for any integration issues and the sole responsibility of integration of Emission system with the existing set-up lies with the successful bidder itself. The expected performances of

the cells, including the requirements on the Integration, are listed under Acceptance Criteria, and the Bidder is responsible for achieving the mentioned performances.

The Bidder shall be required to work out details of interfaces with the Chassis dyno, Automation and Emission equipment supplier and submit the detailed project stating all requirements at the time of bid submission.

1.1.4. **Software:** ICAT requires system upgrade with the latest software version free of cost (even if new software requires latest platform) within a period of five years after commissioning, if any. The referred system upgradation shall be applicable in the event of

- Critical releases on the software
- New Operating System adoption
- Accumulation of minor upgrades in the software
- Integration of new equipment or instrumentation that may be installed in future

If Hardware upgradation is required in order to achieve the software upgradation, this will also be included free of charge. This includes, as an example, the computer, connections and communication cards.

The supplier is also responsible for completing the tests for commissioning the upgraded software. The data from the supplied equipment's must be made available in the existing reports generated by the Existing Automation System; report format customisation shall also be included in the quote. *Within the first 5 years*, if ICAT updates the Existing report patterns, the successful bidder has to provide support for their respective equipment, to the respective Automation supplier in this activity without any additional cost.

1.1.5. **Calibration:** Equipment shall be supplied with all the required calibration certificates. All measuring devices shall be calibrated, and traceable calibration certificates shall be available by the time of pre-acceptance and shall be included in the documentation delivered by the supplier.

Calibration Plan Shall be Included: Arrangement of calibrated material for the pre acceptance and final acceptance is the responsibility of the equipment supplier. For final acceptance only gas cylinders will be supplied by ICAT. Calibration tools and plan need to comply with International Standards and Accreditation.

1.1.6. **Health & Environmental Requirements:** All above equipment's must meet the Environmental, Health and Safety aspects (CE or equivalent). Certificates shall be included in the Documentation. If hazardous material is used, please provide MSDS (Material Safety Data Sheet).

1.1.7. **Documentation:**

- At the time of equipment delivery, the supplier is required to provide at least a manual in English containing description of the equipment with detailed drawings, instructions on the operation of the system, detailed software control commands, safety organs/disturbances and possible causes, and full maintenance details.
- Calibration certificates shall be included in the documentation.
- Documentation shall be delivered in 2 Hard Copies and in 2 Soft Copies (Pen drives)

1.1.8. **Installation, Testing, Commissioning & Training:** The Supplier shall deploy an Implementation Team with demonstrable skills and experience in order to achieve the requested quality of Installation. The work plan proposed by the Bidder for the implementation of the equipment needs to justify that it will be suitable for achieving the installation of the Scope of Supply

The target date of commissioning and acceptance shall be as follows:

ICAT
12 Months from the date of GeM Contract

The work is to be completed within stipulated time from the date of award of contract by way of Letter of Acceptance, as mentioned in the milestones appearing above.

Additional Terms & Conditions (ATC)

Bidder is required to submit a detailed timing plan that shall include all phases of design, manufacture, installation and commissioning for ICAT.

The Bidder is also required to deliver, together with its Offer, a detailed implementation layout indicating the placement of their equipment along with the existing set-up in the emission room. This layout shall be according to the existing lab Layout.

The Bidder for this tender shall offer complete support for integration of the equipment's required in this tender with the existing Chassis Dyno and Emission System for Vehicle Emission Test Cells which has been supplied by M/s AVL & M/s Horiba respectively. The bidder shall discuss their interfacing requirements with respect to Automation system with M/s Horiba & M/s AVL directly. Please Note, ICAT will not be part of any discussion or will not be responsible for any integration issues and the sole responsibility of integration of the Emission system lies with the bidder itself.

The Bidder shall be required to work out details of interfaces with the Automation supplier and submit the detailed project stating all requirements at the time of bid submission.

During Acceptance of the equipment at ICAT, ICAT team (Both Technical & Maintenance) shall be trained on the job. As the part of installation and commissioning training, the Maintenance team of ICAT shall be trained by the bidder on the installation procedures, and commissioning and regarding the maintenance of the equipment. The operational team shall also be trained on the commissioning of the facilities and on the actual job that proposed to be executed with such facilities.

1.1.9. **Exclusions:** ICAT will provide electrical supply (via local isolators), water, calibration gases, fuels and compressed air to enable the equipment commissioning. It will be the responsibility of the equipment supplier to make all the connections from these service points to the equipment.

1.1.10. **Service Support:** The Bidder is required to have a service support set up in India with sufficient trained manpower. The Bidder shall commit a maximum response time of 24 hours, which means that in case of any breakdown within 24 hours, the Bidder's personnel should reach the site, assess the cause of the breakdown, take necessary action to resolve the issue and submit the corrective actions schedule.

1.1.11. **Warranty:** The Bidder shall be required to provide a comprehensive warranty of two years from date of final acceptance, for equipment supplied under this tender, including the following

- The Bidder shall commit cumulative down time not exceeding 300 natural hours a year including the time required for preventive maintenance and irrespective of the working hours.
- Any preventive maintenance and / or repair for breakdown shall be carried out by the Bidder at his own cost. No charge on this account (including cost of calibration, spare parts, wear parts, consumables to be changed during maintenance, travel and accommodation expenses, etc.) will be borne by ICAT.
- The preventive maintenance will be carried out by manufacturer's personnel, at a frequency specified by the Bidder at time of Technical Bid Submission. Preventive maintenance by agent / dealer of the manufacturer of the equipment shall not be acceptable.
- Every six months, the manufacturer's representative will be required to inspect the equipment and submit a report on overall health & maintenance status of the equipment.

As required in the conditions above, the Bidder shall include under the Warranty conditions both preventive and corrective maintenance during the Warranty period. This includes all scheduled preventive maintenance, as well as assistance in case of breakdown, not limited to the scheduled visits, but committing to the 24 hours response time after breakdown is reported, independently from the cause of the breakdown. Both spare parts and labour shall be covered by these conditions in case of breakdown happening due to normal use of the facilities, and in no case ICAT shall not be charged for labour costs associated to any kind of breakdown during this Warranty period.

Additional Terms & Conditions (ATC)

1.3 Technical Requirements:

1.3.1. **Functional Requirements**

1.3.1.1 **General Purpose of the System:** The supplier shall have total responsibility for the process including all phases of design, manufacture, assembly and functional testing of the equipment prior to shipment, installation, Integration with existing Chassis Dyno Automation from M/s AVL and Emission system for which supplier will be confirmed to successful bidder. Automation system checking and functional testing after installation for all its capabilities are responsibility of the supplier.

The supplier must guaranty that the following emissions regulations can be performed with the emission system:

- European Regulations EEC 98/69, 70/220/EC, 715/2007/EC, 692/2008/EC, 459/2012/EC, 2017/1151/EC for Euro-III, IV, V & VI E, (Current European cycle).
- 168/2013/EC, ECE Regulation no 83-05, WLTP GTR-15 Worldwide harmonized Light Vehicles Test Procedure up to and including latest amendment 6 proposed as per ECE/TRANS/WP.29/GRPE/2020/14 dt. 27th March 2020.
- Indian (AIS 137 Part 1, 2,3, 9 and MoRTH/CMVR/TAP 115/116 Issue 4 as notified from time to time).
- Indian WLTC (AIS-175 latest amendment as updated from time to time).
- Indian WLTC for EV & Hybrid vehicles (AIS-175 latest amendment as updated from time to time).
- Indian Electric Vehicle (AIS-039, 40 & 41 latest amendment).
- European Directive 72/306/EEC amended by Directive 97/20/EC.
- Any other regulation (if any) introduced at the time of delivery of the equipment's.

Also system compatibility for fuel consumption tests, according to carbon balance method, to be provided as per the following main regulations:

- European Directive 80/1268/EEC, as amended by 1999/100/EC and by 2004/3/EC.
- US American (US EPA CFR 40- Part 600 "Fuel Economy of motor Vehicles": City, Highway and High-speed tests.
- Japanese TRIAS 5-3-1999, TRIAS 5-9-2007, 126.
- American (US EPA CFR 40-Part 86-Subpart B).

1.3.2. **Existing Chassis Dyno Technical Specs -** The existing Chassis Dynamometer's technical features will be as follows

- Make-AVL Zollner Model – 48"
- Type- 1 Axle, 2X1 with 2 rollers and 1 motors at Centre of axle.
- Power- 150kW
- Drive – IGBT, Make - ABB
- Max speed – 250km/h
- Inertia range – 441 kg to 5440 kg
- Base inertia – 1203 kg
- Software Details: –MMI (Version 2015)

Vehicle Cooling Blower:

- Make – Helios
- Range – 0-130 kmph

Bidder can request any other necessary information required for technical and commercial feasibility during pre-bid meeting requirements and may visit ICAT Centre – 1 with prior appointment to check existing dyno system.

Additional Terms & Conditions (ATC)

1.3.3. **System Requirements -** The system must fulfil the following requirement

- All functions of the dyno necessary for day-to-day operation should be present (which includes the basic functions, settings, storage & operations in line with the current system or with some improvements)
- Upgradation of existing Chassis Dynamometer systems and subsystems, components, controllers, drives or any other hardware not specified here to meet the test standards as per Clause 2.1.
- Hardware and Software Integration of newly supplied Hardware/ Software systems with all the existing systems and sub-systems including Remote Pendant, Emergency Switches, Drives, Controllers and Chassis Dyno Peripheral Systems and Subsystems.
- Software upgradation as per regulations mentioned in clause 2.1. The upgradation shall be carried out with the software based on Windows 11 or higher.
- Integration & upgradation of airspeed simulation fan with required test standards. Vehicle cooling fan shall be configured according to Standards mentioned in Clause 2.1 which includes the speed as well as dimensional requirements.
- Integration to Emission Measurement Devices.
- Interface to Host & IO Subsystem.
- Result Preparation.

1.3.3.1 **Automation Hardware & Software:** The current automation system for chassis dyno has been supplied by M/s AVL. The bidder needs to upgrade the existing automation system (both hardware and software) to meet the current & upcoming regulatory requirements as mentioned in clause 1.3.1.1 for Flex fuel (4-wheeler) & Electric vehicle testing (4- wheeler) and the test cycles as mentioned in clause no 1.3.3.2. It may also be noted that automation system should have latest i.e. Windows 11 operating system.

The emission system is under tendering. Once the emission supplier is finalized, it will be informed to the successful bidder for interface between chassis dyno & emission system.

1.3.3.2 **Test capabilities:** The system should be capable of performing but not limited to (successful bidder should demonstrate all test cycles to confirm all the standards / regulations as mentioned in 2.1 above) the below mentioned test cycles

Standard Emission Tests

a) EU

- ECE 15.04 Hot Hot ECE
- ECE 15.04 Cold Cold ECE
- ECE 15.05 with EUDC 90km/h
- ECE 15.05 with EUDC 120km/h
- ECE 15.06 ECE Stage 3 with EUDC 90km/h
- ECE 15.06 ECE Stage 3 with EUDC 120km/h
- WLTP as per EURO 6E (Including EV and Hybrid)

b) USA

- FTP75 FTP 75 Total test
- FTP75 Ph.1&2 FTP75 Phase 1&2
- FTP75 Ph.3 Hot 505
- SC03 SC 03
- US06 US 06 without Road Load Reduction
- N.Y. City Cycle New York City Cycle
- HW Fuel Economy High Way Fuel Economy Test
- Combo FTP75 + HW Fuel Economy
- SFTP FTP75 + Soak + SC03 + Warm-up/Idle + US06
- without Road Load Reduction, only in one step

c) Japan

- JAPAN WLTP
- JC 08

d) Additional Cycles

- MIDC for 4W as per BS IV
- SRC cycle
- DPF regeneration Cycle (2 Continuous WLTP cycle as per different class)
- DPF regeneration Cycle (2 Continuous MIDC cycle)
- MIDC Continuous cycle as per AIS 040 for Range test

1.3.3.3 **Chassis Dyno Control System**

- Existing Chassis Dyno Control Software is Windows XP based. The upgradation shall be carried out with the software which is based on Windows 11 or later.
- The dynamometer shall be capable of simulating road load with three road load coefficients that can be adjusted to shape the load curve.
- The control software will allow the system to reproduce an exact simulation of defined driving conditions according to European, 40 CFR Part 1066, CARB, Indian, Japanese, UN GTR-15 or customer requirements and provide a reliable, accurate and repeatable pattern of road load simulation.
- The vehicle input data shall be stored in the system in appropriate and retrievable manner. System should be able conduct the automatic Coast down derivation / verification as per the selected method. The coast down derivation / verification report shall be available for each test run.
- It should be possible to undertake Chassis Dyno Control system under the Central Automation System where all the existing Chassis Dyno functions shall be able to perform through Automation.
- The system will include a data logger to allow many parameters to be recorded and presented in digital or graphical formats or exported for use in MS Office software package. It should have an interface to a HOST computer via TCP/IP with AK protocol and a speed signal (pulses) for the driver's aid.

1.3.3.4 **Chassis Dynamometer Controller & Automation system**

Following are the existing features in the system which shall function same after upgradation:

The real time operating system of the chassis dynamometer shall be able to get/predict the demand and act accordingly to get the fast response required. All the functions required for the operating of the dynamometer should be present in the driver's remote control /handset.

The load applied by the dynamometer will simulate the rolling resistance, aerodynamic drag and inertia forces that occur on the road according to the following formula:

$F = A + B*V + C*V2 + m*g*\sin(\theta) + M*dV/dt$

The dynamometer will provide accurate, ±1% of calculated value or ±9.8N, and repeatable road load simulation in both steady state and dynamic conditions.

The system response time will be less than 100 milliseconds.

The dynamometer processor will support, as a minimum, the following operation modes and test:

- Road load simulation mode
- Speed and torque control modes
- Acceleration and deceleration modes
- Programmable stop modes
- Calibration mode
- Automatic warm up and friction compensation
- Extensive road load model library
- Single or repeated coast down and acceleration tests

- Coast Down with Vehicle (Fixed Run with fixed/variable coefficients; Iterative Method)
- Vehicle loss compensation
- Dynamic control of gradient
- Determination of vehicle rotational inertia
- Characterisation of system response
- Speed signal checks
- Dynamometer load cell calibration
- Verification of dynamic torque
- Power test
- Inertia verification mode
- Distance measurement & logging
- Parasitic loss measurement Real time graphics
- Real time graphics
- Host computer capability
- User level access
- Data acquisition capability with system internal channels Speed, Force, Power & Distance

1.3.3.5 **Remote Control:** The following functions are available via remote control (if applicable at chassis dynamometer)

- Release and takeover of the operation priority
- Set up wheelbase
- Set up roller coverings
- Set up centring devices
- Center the vehicle on the roller
- Choose control mode
- Display of testbed status
- Display actual value (depending on chosen control mode)
- Demand value incrementation and decrementation
- Error reset
- Emergency stop

1.3.3.6 **Operating Panel:** The existing operating panel will be replaced by the new panel. Operating panel consists of an emergency stop button to turn control ON and to turn control OFF, reset button and a button to test the lamps of the operating panel. The lamp of operating panel can show the following conditions

- Emergency stop
- Error
- Operating mode OK
- Vehicle detected
- Emergency stop

Operating panel is also consisting of selector switch, which following operating mode can be selected

- Force calibration
- Testbed diagnosis
- Vehicle setup
- Vehicle test

1.3.3.7 **AK Interface:** The AK interface should be provided for automation of the test bed by an external primary emission test/energy consumption/ range test automation system/ master computer. Interface should be based on the "Standardisation of exhaust gas measurement technology/ interface and master computer. Ethernet TCP/IP is used as interface to the automation system.

Additional Terms & Conditions (ATC)

1.3.3.8 **Vehicle Data Management:** The data for each test vehicle includes vehicle data, testbed axle coupling (for 2-axle version), road load simulation, road speed fan parameterization etc.

1.3.3.9 **Data Export & Graphics Package:** Logged data will be exported into other formats, i.e. ASCII and DIF formats, MS Excel & presented using graphics.

1.3.3.10 **Data Acquisition**

- A number of physical channels will be used for logging (at minimum three frequency 1 Hz, 10 Hz & 100 Hz) and also used for setting alarms (analogue input and internal channels).
- Typical schedule logging to monitor the project. In this option, it has to be possible to select channels and take data at defined points in the test schedule.
- High speed log. In this option a high-speed logging during a short period of time of a number of channels has to be available. This option will be used to analyse a specific part of the test schedule to obtain relevant information.
- Post mortem logging: The postmortem logger is a cyclic buffer that is continuously updated and can be configured by the user to define the number of logs before and after the fault occurring.
- Event logging: In this option, an event message is generated as a result of a deliberate action predefined that occurs during the cycle (for example: 1st alarm level of temperature water) or an event being triggered on the rig (for example stop of the bench due to engine stalled). These are displayed to the operator on the monitor and logged for later diagnostic.
  In addition to measured parameters, the system shall include a calculation editor to define calculated channels. These calculated channels shall be displayed on the screen, alarmed and logged like any other channel.
  Before testing, the operator will define the channels, frequency and amount of data to be retained in each one of the above logging options.

1.3.3.11 **Software:**

Existing software: MMI

ICAT requires system upgrade with the latest software version which includes the basic operation, control, and regulation in the control modes typical for vehicle testbeds (road load simulation, speed and force) as well as standard functions specific to vehicle testbeds. Integrated automated and partially automated applications, in which the user receives step-by-step instructions during test execution, are automatically evaluated after execution, possibly at runtime. System should be capable of graphical representation of the results.

1.3.3.12 **Software functions**

Manual operation - Software support manual user interface for selecting the control mode and setting the target variable, differential control specification according to testbed clearance for speed and force control, application for specifying generic speed profiles in speed control (not real-time), application for measuring distance and displaying simulation errors and axle synchronism in the control mode road load simulation.

1.3.3.13 **Application-specific Functions**

Measurement Data Acquisition and Storage

- **Steady-state measurements:** up to 500 channels should be supported
- **Continuous Measurement:** Continuous recording by means of 5 recorders with a maximum of 500 channels and a total data throughput of 25,000 values per second. In addition to time synchronous signals also segment synchronous data, which come in irregular intervals determined by timestamp/value pairs, can be recorded
- **Test Cell Controller:** Comparable to a PLC, the Test Cell Controller (10 TCC – Test Cell Controller/Stat Machines, maximum sum-frequency function of 1,500 Hz) is used for the startup and shutdown of the UUT as well as the control and monitoring of peripheral testbed equipment.

- **Formula Calculation:** Formula calculations can be performed cyclically or on demand, using the included formula compiler (100 Hz, suitable for up to 1,000 calculated values). A powerful formula editor should be provided.

1.3.3.14 **Interfaces:** Supplier provides the drivers to connect power analyser and INCA with software based on Ethernet TCP/IP under MS Windows.

Interfaces to Measurement Devices: Software ensures an intelligent coordination and exact synchronization of the measurement devices and the precise control of the actuators. The integration of all device drivers should be fully visible. Software supports RS232 and TCP/IP as interface types.

1.3.4. **Standard Document**

Electrical & User manual: At the time of equipment upgradation/ delivery, the supplier is required to provide at least a manual in English containing description of the equipment with detailed drawings, instructions on the operation of the system, detailed software control commands, safety organs/disturbances and possible causes, and full maintenance details.

- The standard documentation is also containing user manual, parameter references, device manuals, documentation for equipment delivered by supplier.
- Calibration certificates shall be included in the documentation.
- Documentation shall be delivered in 2 Hard Copies and in 2 Soft Copies (Pen drives)

1.3.5. **Customer outputs**

As a minimum, the system shall be able to supply the following customer outputs at two locations (Control panel & Test Bed):

- Speed: 0 to 10 V = 250 km/h
- Force/Torque: ±10 V = full scale.
- Power ±10 V full scale
- Distance
- Acceleration: ± 10V = ± 5 m/s²
- System fault: Volt free contacts, open on fault
- Emergency stop: Volt free contacts, open on fault
- Audio visual alarm contacts

The signal outputs should not have any distortions/noise due to cable length (Length shall be greater than 10m).

1.3.6. **Checks for Upgraded system**

The upgraded system shall meet the following criteria along with the criteria as per regulations mentioned under *Clause 1.3.1.1*:

- 415 Volts +/- 10%, 50 Hz +/- 6%, three phases plus earth Isolation transformer shall be used for such purpose.
- Power cabinet may be installed independent in a non-acclimatised zone. It needs to support ambient conditions of the Centre, and cooling system shall be supplied for this equipment.
- Accuracy for road load simulation/Tractive force control accuracy: <±1% of calculated value or±9.8N whichever is bigger.
- Accuracy of speed measurement: At least ±0.08 km/h . Roller speed shall be measured at a frequency 10 Hz & above.
- Accuracy of acceleration measurement: <±0.005 m/s2 or ±1% whichever is greater.
- Accuracy of time measurement: ±0.001 per cent after at least 1,000 seconds of operation.
- Accuracy of Inertia / Base inertia : within 0.5 per cent or 7.5 kg whichever is the greater for each measured base inertia and ±0.2 per cent relative to any arithmetic average value by dynamic derivation from trials at constant acceleration, deceleration and force.
- Response Time : < 100 ms with instantaneous accelerations that are at least 3 m/s2
- Temperature range to which the equipment is subjected to: 15°C to 40°C

Additional Terms & Conditions (ATC)

- Max. relative air humidity to which the equipment is subjected to for unit parts 90% outside test cell (i.e. for storage of the chassis dyno).
- The speed difference of all roller speeds shall be within ±0.16 km/h.
- The dynamometer's parasitic losses shall be measured and updated if any measured value differs from the current loss curve by more than 9.0 N.
- The dynamometer performance shall be verified by performing an unloaded coast down test upon initial installation. The arithmetic average coast down force error shall be less than 10 N or 2 per cent, whichever is greater, at each reference speed point.
- A variable speed current of air shall be blown towards the vehicle. The set point of the linear velocity of the air at the blower outlet shall be equal to the corresponding roller speed above roller speeds of 5 km/h. The linear velocity of the air at the blower outlet shall be within ±5 km/h or ±10 per cent of the corresponding roller speed, whichever is greater.
- The bidder may be asked to verify any other check also pertaining to the regulations mentioned under clause 2.1 at the time of final acceptance.

1.3.7. **Torque Cell Calibration**

The torque measuring system will satisfy the following requirements or better across the working ambient temperature range:

- Accuracy: <±0.1% of FS or ±10 N whichever is lower for both positive and negative torque calibration weights and for all measured weight increments.
- Hysteresis: ±0.1 %FS
- Repeatability: ±0.05 %FS
- Non-Linearity: ±0.1 %FS
- Zero drift: ±0.1 % FS over 24 hours

1.3.8. **Safety System**

1.3.8.1 **Alarm Monitoring:** A number of alarms systems have to be required to protect the rig and vehicle and to check for the repeatability of the drive cycle. All the alarms have to be logged in a test event file and have to produce a message on the dynamometer control page.

1.3.8.2 **Rig Alarms:** These alarms are designed to protect personnel, the dynamometer, and associated equipment from damage in case of a malfunction. These alarms will not be user configurable. The following rig alarms should be monitored

- dynamometer over speed,
- dynamometer over torque or load cell signal failure,
- air pressure failure
- speed signal failure (encoder or tacho)
- software system failure (e.g. communications link)
- dyno brake failure
- cooling fan over speed or other fan faults
- Free voltage customer inputs to connect fire/hydrocarbon detectors and produce an emergency stop of the dyno

The system will take the most appropriate fault action for the fault condition (emergency stop, fast stop, display a warning message, abort the drive cycle).

1.3.8.3 **Configurable System Alarms:** A number of configurable alarms in addition to the previous clause that the user can enable or disable and specify the fault action such as Warning, Stop Mode, Fast Stop or Emergency Stop have to be included.

1.3.9. **Power cut-off protection device:** The UPS system with the required capacity of 30 minutes backup for all controller, automations and other PCs shall be supplied.

Additional Terms & Conditions (ATC)

1.4 Acceptance Test

1.4.1. **Approval of project:** All drawings, interfaces with Existing Set-up and list of elements to be supplied, including main specifications, shall be verified and accepted by ICAT. Modifications shall be implemented on those documents by the supplier, should ICAT require to.

1.4.2. **Acceptance for Chassis Dyno**

1.4.2.1 **Full system check:** Upon delivery a full system checks and demonstration by the supplier shall be conducted to the satisfaction of the representative of ICAT. Any faults of non-compliance with the specification not found in the pre-delivery inspection will be rectified, free of charge, by the contractor.

1.4.2.2 **Integration to other systems:** The interface and proper integration of the Chassis Dyno to the rest of the elements involved shall be checked. Specifically, the integration of Chassis Dyno with the existing Chassis Dynamometer, Automation and Emission systems supplied by our emissions supplier M/s AVL & M/s Horiba will be tested in order to ensure that the interfaces given by the Supplier allow full integration. Any faults of non-compliance with the specification not found in the pre-delivery inspection will be rectified, free of charge, by the contractor.

1.4.2.3 **Acceptance tests:** Working conditions as described in clause no. A.2 Technical Specifications will be reproduced in order to check that the performance of Chassis Dyno in VTC2 lab and It should corresponds to the corresponding technical requirements.

ICAT reserves the right of performing whatever Testing and calibration procedure included in this document to demonstrate compliancy with this document.

Each test for 4W (fuel based and BOV's) may be performed 5 times to check the repeatability of the system. The tests to be performed for final acceptance will be discussed and finalised with the successful bidder.

1.5 Other Technical Conditions of Contract

1.5.1. **Baseline System Assessment:** Before commencement of dismantling or upgradation work, the Supplier shall conduct a detailed baseline assessment of the existing Chassis Dynamometer System, including its hardware, controllers, drives, operating panel, remote-control system, software and firmware versions, licences, electrical connections, communication interfaces, calibration status, safety interlocks, data acquisition functions and peripheral equipment.

The assessment shall be jointly recorded with ICAT. The Supplier shall not undertake any modification, dismantling or replacement without obtaining written clearance from ICAT.

1.5.2. **Turnkey Scope and End-to-End Responsibility:** The complete work shall be executed on a turnkey basis and shall include design, engineering, manufacture, supply, dismantling, replacement, installation, configuration, integration, interfacing, calibration, testing, validation, commissioning, training, documentation, warranty support and Final Acceptance.

The Supplier shall remain solely responsible for the completeness, compatibility, functionality, accuracy, reliability, safety, interoperability and intended operation of the upgraded Chassis Dynamometer System.

Any hardware, software, firmware, licence, controller, drive, interface module, cable, connector, converter, communication device, accessory, tool, consumable, engineering modification or incidental service required for satisfactory completion and operation of the upgraded system, whether specifically mentioned or not, shall be deemed included in the Contract Price. No additional payment shall be admissible on this account.

1.5.3. **Dismantling, Removal and Custody of Existing Components:** The Supplier shall be responsible for safe isolation, dismantling, handling, shifting and removal of the existing components identified for replacement.

All removed components, hardware, cables, controllers, drives, storage devices, software dongles, licence keys and accessories shall remain the property of ICAT and shall be handed over at the location designated by ICAT against a duly verified inventory and acknowledgement.

Additional Terms & Conditions (ATC)

No equipment or material shall be removed from ICAT premises without prior written authorization. Any damage caused to the existing system, laboratory infrastructure, utilities or associated equipment during execution shall be rectified by the Supplier at its own cost.

1.5.4. **Electrical, Communication and Interface Connectivity:** The Supplier shall provide, install, terminate, test and commission all power, signal, control, communication and network cables, connectors, converters, interface devices, isolation devices, protective devices and associated accessories required for complete installation and integration of the upgraded system.

The upgraded system shall be compatible with the electrical supply and utilities available at site. Any additional power conditioning, isolation, cooling, protection, communication or interfacing arrangement required for safe and reliable operation shall be included in the Supplier's scope.

1.5.5. **System Integration and Compatibility**

The Supplier shall ensure complete technical, functional, electrical, mechanical, software, communication and operational compatibility of the upgraded Chassis Dynamometer System with:

a) the existing Chassis Dynamometer and its retained components;
b) the existing or upgraded laboratory automation system;
c) the emission measurement system selected by ICAT;
d) the vehicle cooling blower and associated controls;
e) the HOST computer and I/O subsystems;
f) the remote-control and operating-panel systems;
g) the emergency stops, alarms, interlocks and safety systems; and
h) the associated data acquisition and laboratory infrastructure.

The Supplier shall coordinate directly with the concerned automation and emission-system suppliers for finalization of interface requirements. ICAT shall facilitate necessary coordination and provide available system information; however, complete responsibility for successful integration and achievement of the specified performance shall remain with the Supplier.

Any incompatibility, communication failure, performance deficiency, data-integrity issue or integration-related non-conformity attributable to the supplied or upgraded system shall be rectified by the Supplier without additional cost to ICAT.

1.5.6. **Software, Firmware and Licence Management:** All operating software, firmware, communication drivers, control applications, configuration tools, diagnostic utilities, data-acquisition packages and licences required for complete operation, calibration, diagnostics, maintenance, backup, restoration and integration of the upgraded system shall be included in the Supplier's scope.

The upgraded software platform shall be based on Windows 11 or a later compatible and supported operating system, as stipulated in the Technical Specifications.

All licences shall be genuine, legally valid and perpetual, unless any alternate licensing model has been expressly disclosed in the Bid and accepted by ICAT. Activation keys, entitlement certificates, installation media, configuration files, software backups and recovery procedures shall be handed over to ICAT before Final Acceptance.

Trial, demonstration, pirated, temporary or time-limited software shall not be installed unless expressly accepted by ICAT in writing.

1.5.7. **Software and Hardware Upgradation Support:** The Supplier shall provide applicable critical software releases, operating-system compatibility updates, firmware updates, bug fixes and accumulated minor upgrades required for reliable operation of the system for a period of five years from the date of Final Acceptance, without additional cost to ICAT.

Where such software or firmware upgradation necessarily requires replacement or upgradation of the supplied computer, communication card, interface device or associated hardware, the same shall also be provided without additional cost, provided that the requirement arises from the supplied system or its supported software platform.

The Supplier shall install, test and validate each such update and ensure that it does not adversely affect system accuracy, performance, data integrity, regulatory capability or integration with existing systems.

1.5.8. **Backup, Restoration and Data Protection:** Before commencement of the upgradation work, the Supplier shall take a complete backup of all applicable software, firmware, configuration files, calibration data, vehicle data, test methods, databases, licences, communication settings and historical system records in coordination with ICAT.

After completion of the upgradation, the Supplier shall restore, verify and validate all applicable data, settings and configurations. Final backup copies of the commissioned system, together with the documented restoration procedure, shall be handed over to ICAT.

The Supplier shall be responsible for any loss, corruption, unauthorized alteration or disclosure of data attributable to its personnel, tools, software, storage media or execution activities.

1.5.9. **Calibration, Performance Verification and Validation:** All measuring devices, speed sensors, force or torque measuring devices, load cells, acceleration-measurement devices, time-measurement systems and other instruments requiring calibration shall be calibrated using standards traceable to applicable National or International Standards.

After installation and commissioning, the Supplier shall carry out complete calibration, performance verification and validation of the upgraded system in accordance with the Technical Specifications and approved acceptance procedure. Verification shall include, as applicable:

a) road-load simulation and tractive-force accuracy;
b) speed, acceleration, time and inertia accuracy;
c) torque and load-cell calibration;
d) response-time verification;
e) parasitic-loss measurement;
f) coast-down derivation and verification;
g) vehicle cooling-blower performance;
h) HOST, AK and I/O communication;
i) data acquisition, logging, storage, retrieval and export;
j) operating panel and remote-control functions;
k) automation and emission-system integration; and
l) alarm, diagnostic, interlock and emergency-stop functions.

Any deficiency identified during verification shall be rectified by the Supplier, and the affected test shall be repeated until satisfactory compliance is demonstrated.

1.5.10. **Cybersecurity and Configuration Protection:** All software, firmware, installation media, diagnostic tools and communication interfaces supplied or used under the Contract shall be genuine, supported and free from malware, unauthorized access mechanisms and known critical vulnerabilities.

Default credentials, test accounts and unnecessary user accounts shall be removed, disabled or changed before handover. Administrative credentials, recovery information, configuration passwords and licence details shall be securely handed over to the authorized ICAT representative.

Remote access shall be undertaken only with prior written authorization of ICAT. No system data, configuration information, test data, software backup or laboratory information shall be copied, transmitted, retained or disclosed outside ICAT without prior written approval.

1.5.11. **OEM Authorization and Technical Support:** Where the Bidder is not the OEM, the Bidder shall submit a valid, tender-specific OEM Authorization Certificate authorizing it to undertake the complete scope, including supply, upgradation, installation, integration, calibration, testing, commissioning, warranty and after-sales support.

The OEM shall provide all necessary engineering assistance, software and firmware support, calibration support, spare parts, repair services and technical support throughout the Contract Period, Warranty Period and committed Supportability Period.

1.5.12. **Documentation and As-Built Records**

The Supplier shall submit complete documentation covering, as applicable:

a) detailed Bill of Materials;
b) equipment datasheets and technical literature;
c) approved system configuration;
d) electrical, control and communication drawings;
e) interface details and network architecture;
f) cable schedules and termination details;
g) software and firmware version details;
h) licence certificates and entitlement records;
i) calibration procedures and certificates;
j) installation and commissioning reports;
k) performance-verification and validation reports;
l) operation and maintenance manuals;
m) diagnostic and troubleshooting manuals;
n) backup and restoration procedures;
o) preventive-maintenance schedule;
p) recommended spare-parts and consumables list;
q) training records;
r) warranty certificates; and
s) final as-built documentation.

The documentation shall be provided in English in two hard copies and two searchable electronic copies on suitable storage media. Editable copies shall be provided wherever available.

1.5.13. **Safety, Statutory and Environmental Compliance:** The Supplier shall comply with all applicable electrical, industrial, occupational health, environmental and fire-safety requirements during execution of the Contract.

The Supplier shall deploy trained and authorized personnel equipped with appropriate personal protective equipment and shall follow approved procedures for electrical isolation, lockout and tagout, lifting, dismantling, installation, energization and testing.

Equipment supplied under the Contract shall comply with applicable CE or equivalent safety requirements. Safety certificates and Material Safety Data Sheets, wherever applicable, shall be included in the documentation.

1.5.14. **Product Availability, Obsolescence Management and Long-Term Support:** All hardware, software, firmware, controllers, drives, communication modules, licences, accessories and components offered under the Tender shall be new, current and supported products and shall not have been declared obsolete, discontinued, End-of-Life, End-of-Sale or End-of-Support by the OEM as on the date of Bid submission.

The Bidder shall submit an OEM undertaking confirming availability of technical support, software and firmware support, spare parts, repair services and engineering assistance for a minimum period of *ten (10) years* from the date of Final Acceptance.

If any offered item becomes obsolete, discontinued or unsupported before delivery, commissioning or Final Acceptance, the Supplier shall provide an equivalent or technologically superior, current and OEM-supported replacement without additional cost, subject to prior written approval of ICAT.

Such replacement shall not result in degradation of accuracy, functionality, performance, compatibility, reliability, safety, maintainability or regulatory capability. All consequential

engineering, licences, configuration changes, validation and recommissioning shall be included in the Contract Price.

1.5.15. **Service Support:** The Bidder shall have an established service-support arrangement in India with adequately trained and technically qualified personnel. The Supplier shall ensure that breakdown complaints are attended within *24 Hours* of reporting. Its personnel shall assess the fault, initiate necessary corrective action and submit a restoration schedule to ICAT.

All costs relating to warranty support, including manpower, travel, boarding, lodging, transportation, tools, calibration support and incidental expenses, shall be borne by the Supplier.

For or any technical queries please feel free to contact the undersigned:

Contact Person	Mr. Raju Rathor – VTL	Mr. Darpan Vashishtha – VTL	Mr. Monal Hasti – VTL
Mail ID	raju.rathor@icat.in	darpan.vashishtha@icat.in	monal.hasti@icat.in
Contact No.	(M)+91 9717019934	(M)+91 9540393069	(M)+91 9958879314

Additional Terms & Conditions (ATC)

Chapter – 2

Special Conditions of Contract (SCC)

1. Submission of Bid and Technical Compliance

1.1 The Bidder shall submit an unconditional Bid strictly in accordance with the Scope of Work, Detailed Technical Specifications, Acceptance Criteria, Completion Schedule, Deliverables, Warranty Requirements and all other provisions stipulated in this Tender Document for "*Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana)*".

1.2 The Technical Bid shall contain complete details of the proposed Chassis Dynamometer upgradation, including automation hardware and software, controllers, drives, operating panels, remote-control systems, communication interfaces, data acquisition functions, safety systems, vehicle cooling blower integration, software licences, calibration arrangements and all associated services required under the Contract.

1.3 The Bidder shall submit a detailed Bill of Materials (BOM) covering all hardware, software, firmware, licences, controllers, drives, automation hardware, communication interfaces, safety devices, operating panels, remote-control equipment, accessories, consumables, cables, connectors, tools and all other items required for successful execution of the Contract.

1.4 The Bidder shall submit a duly completed, signed and stamped Technical Compliance Checklist in *Form XXI*, clearly indicating clause-wise and parameter-wise compliance against all Technical Specifications, Functional Requirements and Acceptance Criteria stipulated in the Tender Document.

1.5 Each compliance statement shall be supported with relevant and verifiable documentary evidence such as OEM datasheets, catalogues, manuals, drawings, technical literature, calibration records, compatibility statements, system architecture documents and OEM authorization certificates. Mere submission of the statement "Complied" without supporting documentary evidence, wherever applicable, may render the Bid liable for rejection.

2. Notification of ICAT's Responsibilities

2.1 The Supplier shall, within *Fifteen (15) Calendar Days* from the date of award of Contract, notify ICAT in writing regarding any utilities, shutdown requirements, site preparations, technical information, permissions, interfaces, facilities or assistance required from ICAT for execution of the Contract.

2.2 Such notification shall contain complete technical details, required dates and sufficient lead time to enable ICAT to make the necessary arrangements.

2.3 Failure to provide timely notification shall neither relieve the Supplier of its contractual obligations nor entitle it to any extension of time, compensation, additional payment or claim arising from such omission.

2.4 No hardware, software, firmware, licence, controller, drive, cable, interface, connector, converter, consumable, accessory, engineering service or integration activity necessary for successful execution of the turnkey scope shall be treated as ICAT's responsibility merely because it has not been separately identified in the Tender Document.

3. Completion Period and Project Schedule

3.1 The complete contractual scope shall be completed within Three Hundred Sixty-Five (365) Calendar Days from the date of award of the GeM Contract.

3.2 The Completion Period shall comprise up to

a) Nine (9) Months for engineering, procurement, manufacturing, configuration, Pre-Dispatch Inspection, and delivery; and

b) Three (3) Months for dismantling, installation, integration, testing, validation, commissioning, training, documentation, and Final Acceptance.

3.3 The Supplier shall submit a detailed activity-wise project schedule within Thirty (30) Calendar Days from the date of award of the GeM Contract.

Additional Terms & Conditions (ATC)

3.4 The project schedule shall identify major milestones, including design finalization, manufacturing, Pre-Dispatch Verification, delivery, shutdown, dismantling, installation, integration, testing, regression testing, training, and Final Acceptance.

3.5 The Supplier shall submit periodic progress reports in the format and frequency specified by ICAT and shall promptly notify ICAT of any event likely to affect the Completion Period.

3.6 Shutdown and installation activities shall be planned in consultation with ICAT to minimize disruption to Vehicle Test Lab (VTL) operations.

3.7 Time shall be of the essence of the Contract. Any extension of time shall be valid only when approved by ICAT in writing.

4. Liquidated Damages

4.1 If the Supplier fails to complete the entire contractual scope within the stipulated Completion Period i.e., *Three Hundred Sixty-Five (365) Calendar Days from the date of award of the GeM Contract*, Liquidated Damages shall be levied at the rate of *0.5% of the Total Contract Value per week or part thereof of delay, subject to a maximum of 10% of the Total Contract Value*.

4.2 ICAT may recover Liquidated Damages from any payment due to the Supplier, the Performance Security, or any other amount payable under the Contract.

4.3 Delay arising solely from a duly established Force Majeure event accepted by ICAT shall be excluded only to the extent approved by ICAT in writing.

4.4 The Supplier shall notify the occurrence of a Force Majeure event within Seven (7) Calendar Days, together with relevant documentary evidence and details of its effect on Contract performance.

4.5 Levy of Liquidated Damages shall not relieve the Supplier from completing the work or fulfilling any remaining contractual obligation.

4.6 Liquidated Damages shall be without prejudice to ICAT's other contractual remedies, including withholding of payment, risk-and-cost action, invocation of Performance Security, and termination of the Contract.

5. Payment Terms

5.1 Subject to satisfactory completion and acceptance of the applicable milestones, payments shall be released as follows

- **60%** of total contract value upon receipt at ICAT of all contractual hardware, software, firmware, licences, controllers, drives, automation hardware, communication interfaces, operating panels, remote-control systems, accessories, documentation and associated deliverables, subject to satisfactory inspection, quantity verification and submission of GST-compliant invoice and supporting documents.
- **20%** of total contract value upon successful installation, integration, software configuration, communication setup, calibration, testing, commissioning, operator training and issuance of Commissioning Acceptance Certificate by ICAT.
- **Balance 20%** of total contract value upon successful completion of performance verification, road-load simulation validation, coast-down verification, automation-system validation, integration with Automation and Emission Systems, closure of observations, submission of complete contractual documentation and issuance of Final Acceptance Certificate (FAC) by ICAT.

5.2 Release of payment against any milestone shall be subject to written acceptance of the corresponding milestone by ICAT and validity of the Performance Security.

5.3 ICAT may withhold or adjust payment in case of incomplete work, unresolved deficiencies, missing documents, Liquidated Damages, warranty liabilities or any other recoverable amount.

5.4 Payment shall ordinarily be processed within *Thirty (30) Days* from receipt of a complete and correct GST-compliant invoice and supporting documents, subject to the GeM Contract and applicable ICAT procedures.

5.5 Payments shall be subject to TDS and other statutory deductions. No advance payment shall be admissible unless specifically approved under the Contract.

5.6 Release of any payment shall not constitute acceptance of defective work or waiver of any contractual obligation.

6. Comprehensive Warranty and Service Support

6.1 The Supplier shall provide a Comprehensive On-Site Warranty for a period of Twenty-Four (24) Months from the date of issuance of the Final Acceptance Certificate.

6.2 The Warranty shall cover the complete upgraded Chassis Dynamometer System, including controllers, drives, automation hardware and software, communication interfaces, operating panels, remote-control systems, safety systems, vehicle cooling blower integration, licences, accessories, calibration functions, integrations and all work executed under the Contract.

6.3 During the Warranty Period, the Supplier shall provide corrective maintenance, repair, replacement, software and firmware support, configuration restoration, labour, travel, transportation, testing and all incidental services without additional cost to ICAT.

6.4 Service complaints shall be attended within the response time specified in the Technical Specifications, and in no case later than twenty-four (24) hours from reporting of the breakdown.

6.5 Warranty-related defects shall be rectified and the affected system restored within the period approved by ICAT based on the criticality and nature of failure.

6.6 Preventive maintenance shall be carried out at least once every six months or at the frequency recommended by the OEM, whichever is more stringent.

6.7 Any component repaired or replaced during the Warranty Period shall remain under warranty for the balance Warranty Period or Six (6) Months from the date of replacement, whichever is later.

6.8 If the system remains non-operational due to a warranty-related defect beyond the stipulated restoration period, the Warranty Period shall be extended by the corresponding duration of downtime.

6.9 If the Supplier fails to fulfil its Warranty obligations, ICAT may arrange the required services from alternative sources at the risk and cost of the Supplier.

6.10 The Warranty shall be comprehensive in nature and shall apply to the complete upgraded system and not merely to individual components.

7. Performance Security

7.1 The Supplier shall furnish Performance Security equivalent to Five Percent (5%) of the Total Contract Value within Fifteen (15) Days from the date of award of the GeM Contract or within such extended period as may be approved by ICAT.

7.2 The Performance Security shall be submitted in a form permissible under the GeM Contract and shall be irrevocable, unconditional, and payable on demand.

7.3 The Performance Security shall remain valid for the complete Contract execution period, the Twenty-Four-Month Warranty Period, and the applicable claim period.

7.4 ICAT may invoke the Performance Security, wholly or partly, in the event of delay, abandonment, breach of Contract, non-performance, failure to rectify defects, failure to fulfil warranty obligations, or any recoverable contractual liability.

7.5 The Performance Security shall be released after satisfactory completion of the Warranty Period, closure of all outstanding obligations, and issuance of a No-Dues confirmation by the concerned ICAT department.

7.6 Failure to furnish Performance Security within the stipulated period may result in cancellation of the award and such other action as may be permissible under the GeM Contract and applicable procurement provisions.

Additional Terms & Conditions (ATC)

8. Pre-Dispatch Verification

8.1 Wherever required by ICAT, the Supplier shall arrange Pre-Dispatch Inspection (PDI) of the Chassis Dynamometer System, associated hardware, software, firmware, licences, accessories, configuration and documentation at the OEM manufacturing facility, integration facility or any mutually agreed location.

8.2 The Supplier shall provide at least Thirty (30) Calendar Days' advance written notice, together with the proposed verification schedule, item list, technical configuration, applicable drawings, verification procedure, software and firmware versions, licence details, and supporting records.

8.3 The purpose of Pre-Dispatch Verification shall be to establish conformity of the offered equipment with the approved technical specifications, configuration, quality requirements, completeness of supply, and contractual obligations.

8.4 The Supplier shall provide all required test facilities, calibrated instruments, tools, manpower, documentation, and technical assistance for conducting the verification.

8.5 Any deficiency, discrepancy, or non-conformity identified during Pre-Dispatch Verification shall be rectified by the Supplier at its own cost before dispatch.

8.6 Where stipulated by ICAT, dispatch shall be undertaken only after issuance of written dispatch clearance. Such clearance shall not constitute acceptance or Final Acceptance of the equipment.

8.7 ICAT may waive physical participation and permit dispatch based on OEM-certified inspection or verification reports. Such waiver shall not restrict ICAT's right to inspect, test, or reject the equipment after delivery.

8.8 Completion or waiver of Pre-Dispatch Verification shall not relieve the Supplier of responsibility for completeness, performance, compatibility, installation, commissioning, warranty, or compliance with the Contract.

8.9 All costs relating to arrangements for Pre-Dispatch Verification, including facilities, tools, manpower, and documentation, shall be borne by the Supplier.

8.10 Travel, boarding, lodging, and admissible expenses of ICAT representatives, where deputed, shall be borne by ICAT unless otherwise specifically provided under the Contract.

9. Testing, Validation and Final Acceptance

9.1 The Supplier shall conduct complete testing, calibration, integration verification, validation and commissioning of the upgraded Chassis Dynamometer System to demonstrate compliance with the Technical Specifications, Acceptance Criteria, applicable standards and contractual requirements.

9.2 The Supplier shall demonstrate successful integration, configuration and operation of the upgraded Chassis Dynamometer System with the existing/upgraded Automation System, Emission System, Vehicle Cooling Blower, HOST Computer, I/O Subsystem, safety systems and associated laboratory infrastructure.

9.3 The upgraded system shall be tested and validated for road-load simulation, coast-down derivation and verification, automation functions, vehicle setup functions, test-cycle execution, data acquisition, reporting capability, communication interfaces, alarm systems and safety functions.

9.4 The Supplier shall perform performance verification, calibration checks and validation testing to establish compliance with the regulations, standards and test cycles specified in the Tender Document.

9.5 All manpower, software tools, measuring instruments, test equipment, utilities, and technical resources required for testing and validation shall be arranged by the Supplier at no additional cost to ICAT.

9.6 Any defect, deficiency, incompatibility, or non-conformity observed during testing shall be rectified by the Supplier and the affected tests shall be repeated until satisfactory compliance is achieved.

9.7 Final Acceptance shall be granted only after successful completion of installation, integration, testing, validation, commissioning, training, submission of all required documents, and closure of all observations raised by ICAT.

9.8 Mere delivery, installation, or energization of the equipment shall not constitute Final Acceptance.

Additional Terms & Conditions (ATC)

10. Training and Knowledge Transfer

10.1 The Supplier shall provide comprehensive on-site training covering Chassis Dynamometer operation, road-load simulation, coast-down procedures, calibration, automation software operation, diagnostics, troubleshooting, preventive maintenance, data management, reporting functions, backup procedures and restoration procedures.

10.2 Training shall include practical demonstration on the installed system and cover operating modes, alarm handling, fault diagnosis, communication interfaces, backup and restoration procedures, and routine maintenance activities.

10.3 Training shall be conducted by qualified OEM personnel or OEM-authorized technical experts and shall be completed before issuance of the Final Acceptance Certificate.

10.4 The Supplier shall provide training manuals, operation manuals, maintenance manuals, troubleshooting guides, and relevant technical documents in electronic format.

10.5 All costs associated with training, travel, accommodation, training materials, and knowledge transfer activities shall be deemed included in the Contract Price.

11. Documentation and Deliverables

11.1 The Supplier shall furnish installation reports, commissioning reports, calibration reports, system validation reports, software and licence records, training records, Chassis Dynamometer performance verification reports and final system configuration details.

11.2 Configuration backup files, calibration procedures, validation records, software documentation, communication architecture details, and restoration procedures shall be handed over before Final Acceptance.

11.3 As-built drawings, cable schedules, electrical schematics, communication architecture diagrams, parameter backup files, and restoration procedures shall be handed over before Final Acceptance.

11.4 The Supplier shall submit a recommended spare parts list, preventive maintenance schedule, and long-term support undertaking as part of the final documentation package.

11.5 All documentation shall be provided in English in both hard copy (where required) and searchable electronic format.

11.6 Submission and acceptance of all contractual documents by ICAT shall be a prerequisite for issuance of the Final Acceptance Certificate and release of the final payment milestone.

12. Delivery, Transportation, Insurance and Removed Material

12.1 All supplies shall be delivered on FOR ICAT Centre-1, Manesar, Haryana, destination basis.

12.2 Packing, forwarding, transportation, transit insurance, loading, unloading, shifting, handling, and safe delivery shall be the responsibility of the Supplier.

12.3 Packaging shall be suitable for sensitive power-electronic equipment and shall provide adequate protection against moisture, dust, corrosion, shock, vibration, and transit damage.

12.4 Any damaged, defective, incomplete, or non-conforming item shall be repaired or replaced by the Supplier without additional cost to ICAT.

12.5 The Supplier shall provide at least Seven (7) Calendar Days' advance dispatch intimation. Partial delivery shall not be made without prior written approval of ICAT.

12.6 Receipt of material at ICAT shall not constitute acceptance. All items shall remain subject to inspection, installation, integration, testing, commissioning, and Final Acceptance.

12.7 All existing controllers, drives, automation hardware, operating panels, communication modules, accessories and other hardware removed under the Contract shall remain the property of ICAT unless otherwise expressly specified in the Contract.

12.8 The Supplier shall prepare a detailed inventory of removed equipment and hand over the same at the location nominated by ICAT against acknowledgement.

12.9 No component, storage device, licence key, software dongle, cable, accessory, control module, or other material shall be removed from ICAT premises without prior written authorization.

Additional Terms & Conditions (ATC)

13. Safety, Statutory Compliance and Protection of Property

13.1 The Supplier shall comply with all applicable electrical, industrial, occupational health, environmental, labour, and fire-safety requirements while executing the work at ICAT premises.

13.2 The Supplier shall deploy properly trained, qualified, and authorized personnel equipped with appropriate personal protective equipment.

13.3 The Supplier shall prepare and follow appropriate work procedures for electrical isolation, lockout and tagout, lifting, shifting, dismantling, installation, energization, and testing.

13.4 Work shall commence only after obtaining applicable site permissions, work permits, shutdown clearances, and safety clearances from ICAT.

13.5 The Supplier shall be responsible for the safety of its personnel, subcontractors, tools, equipment, and materials deployed for execution of the Contract.

13.6 Any injury, accident, loss, or damage attributable to the Supplier's negligence, unsafe practice, or non-compliance shall be the responsibility of the Supplier, subject to the provisions of the Contract and applicable law.

13.7 Any damage caused to ICAT's equipment, infrastructure, building, utilities, cabling, controls, or property shall be repaired, restored, or replaced by the Supplier at its own cost.

14. Rights of ICAT

14.1 ICAT may inspect, verify, witness, and test the supplied equipment, hardware, software, firmware, licences, documents, and services at any stage of Contract execution.

14.2 ICAT may reject any item, system, service, or work that does not conform to the Tender Document, approved Technical Bid, or Contract requirements.

14.3 Rejected or deficient items and services shall be rectified, repaired, or replaced by the Supplier within the period stipulated by ICAT and without additional cost.

14.4 ICAT may seek technical clarifications, OEM confirmations, licence evidence, product-support declarations, inspection records, test reports, drawings, or other documents required to establish compliance.

14.5 In the event of breach, delay, abandonment, or default, ICAT may levy Liquidated Damages, withhold payment, invoke Performance Security, undertake risk-and-cost action, recover losses, and/or terminate the Contract in accordance with its terms.

14.6 Inspection, approval, certification, release of payment, or acceptance of any interim milestone shall not relieve the Supplier of its contractual responsibilities.

14.7 ICAT reserves the right to cancel or annul the procurement process, accept or reject any Bid, or vary the scope or quantity, subject to the GeM Contract, applicable procurement provisions, and approval of the Competent Authority.

15. Billing Address and Project Site

15.1 **The Billing Address shall be:** International Centre for Automotive Technology, Centre-1, Plot No. 26, Sector-3, HSIIDC, IMT Manesar, Gurugram 122050, Haryana, GSTIN 06AABAN9435G2ZI.

15.2 **The Project Site and Delivery Location shall be:** Vehicle Testing Lab (VTL), International Centre for Automotive Technology, Centre-1, Plot No. 26, Sector-3, HSIIDC, IMT Manesar, Gurugram 122050, Haryana.

15.3 All invoices shall be GST-compliant and shall contain the GeM Contract reference, description, HSN or SAC classification, applicable taxes and other required statutory particulars.

16. Eligibility and OEM Authorization

16.1 Since the procurement is being undertaken through a Proprietary Article Certificate (PAC) based Restrictive Bidding process, participation shall be limited to the OEM of the existing AVL Zollner Chassis Dynamometer System, its authorized Indian subsidiary, authorized channel partner, authorized system integrator or authorized service provider, as permitted under the Tender conditions.

16.2 Where the Bidder is not the OEM, it shall submit a valid and tender-specific OEM Authorization Certificate authorizing the Bidder for Chassis Dynamometer upgradation, automation-system upgradation, software migration, integration, testing, commissioning, warranty support and long-term technical support services.

16.3 The OEM authorization shall clearly identify the Tender, the Bidder, the offered equipment, and the scope of authorization.

16.4 The Bidder shall submit all certificates, declarations, technical credentials, documentary evidence, OEM confirmations, and other supporting documents specified in the Tender Document.

16.5 The Bidder shall be solely responsible for establishing the eligibility, authenticity, and technical acceptability of its offer.

16.6 Submission of false, misleading, fabricated, or materially incorrect information shall render the Bid liable to rejection and may attract contractual or administrative action in accordance with applicable procurement provisions.

16.7 Fulfilment of the Eligibility Criteria shall not automatically confer any right upon a Bidder for award of Contract. ICAT reserves the right to determine the responsiveness and acceptability of the Bid in accordance with the Tender conditions.

17. Clarifications, Deviations and Conditional Bids

17.1 **Conditional Bids:** The Bidder shall submit an unconditional offer strictly in accordance with the Tender Document. Bids containing qualifications, assumptions, exclusions, reservations, counter conditions, or stipulations contrary to the Tender conditions shall be liable to rejection.

17.2 **Disclosure of Deviations:** Any deviation from the Technical Specifications, Scope of Work, Warranty Requirements, Completion Schedule, Commercial Terms, or any other Tender provision shall be specifically and clearly disclosed in the prescribed deviation format, together with complete technical justification.

17.3 **Nil Deviation:** Any deviation, exception, or qualification not specifically disclosed in the Bid shall be deemed to be "Nil Deviation", and the Bidder shall be deemed to have accepted all Tender specifications, terms, and conditions unconditionally.

17.4 **Clarifications During Evaluation:** ICAT may seek clarifications, additional information, technical details, OEM confirmations, or supporting documents during Bid evaluation. Such clarification shall not permit the Bidder to alter the substance, price, essential configuration, or material terms of its original Bid.

17.5 **Acceptance of Deviations:** ICAT reserves the right to accept or reject any disclosed deviation, exception, clarification, or qualification. Acceptance of a deviation shall be valid only when specifically recorded and communicated by ICAT in writing.

17.6 **Post-Bid Deviations:** Any deviation, clarification, condition, or qualification introduced after Bid submission that alters the substance of the offer, affects fair competition, or provides an undue advantage shall not be considered unless specifically sought and accepted by ICAT in writing.

17.7 **No Waiver:** Seeking or accepting a clarification shall not constitute waiver of any Tender condition and shall not oblige ICAT to accept the Bid.

17.8 **Reservation of Rights:** ICAT reserves the right to determine the materiality, responsiveness, and acceptability of any deviation, discrepancy, omission, or clarification for the purpose of Bid evaluation and award of Contract.

Additional Terms & Conditions (ATC)

Chapter – 3

Instructions To Bidders

1. **Submission of Quotation and Technical Documentation:** The Bidder shall submit its Bid strictly in accordance with the requirements of this Tender for *"Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana)"* as specified in *Chapter – 1 (Detailed Technical Requirement and Scope of Work) and Chapter – 2 (Special Conditions of Contract) of the ATC document*. The Technical Bid shall include complete technical literature, OEM documents, specifications, catalogues, drawings and all supporting documents necessary to establish compliance with the Tender requirements, while the Financial Bid shall be submitted separately in the prescribed format. Failure to submit the Bid in the prescribed manner or non-submission of requisite technical documents and supporting evidence may render the Bid liable for rejection.

2. **Proposal Submission Compliance and Documentation Requirements:** The Bidder is required to submit their proposal in strict compliance with all terms, conditions, and requirements outlined in this tender document. The technical bid must include comprehensive details of the proposed solution, including the products, services, specifications, and relevant technical literature clearly demonstrating conformance to the specified requirements. Failure to adhere to any of the above requirements may render the bid liable for rejection at the sole discretion of the Purchaser.

3. **Submission of Signed Tender Documents and Supporting Documentation:** The Bidder shall submit, as part of their proposal, a duly signed and stamped copy of the entire tender document, including all corrigenda, amendments, and annexures issued, as a token of unconditional acceptance of all terms, conditions, and specifications contained therein.
   Additionally, all forms, declarations, schedules, and annexures enclosed with the tender/bid document must be duly filled, signed, and stamped by the authorized signatory of the Bidder and submitted in accordance with the instructions provided.
   The Bidder shall also furnish all supporting documents as specified in the tender, including those required under the eligibility criteria, technical specifications, and any other qualifying requirements. Failure to submit any of the required documents, or submission of incomplete, unsigned, or unstamped documents, may result in rejection of the bid at the sole discretion of the Purchaser.
   It is the sole responsibility of the Bidder to ensure that the submitted bid is complete in all respects and compliant with the tender requirements. No claim shall be entertained on account of incomplete submission or non-compliance with the stated instructions.

4. **Clarifications, Deviations, and Conditional Bids:** Bidders are strictly advised to submit their bids in full compliance with all terms, conditions, technical specifications, and requirements stipulated in this tender document. Conditional bids or bids containing deviations, exceptions, assumptions, or qualifications shall be summarily rejected without further reference or clarification, at the sole discretion of the Purchaser.
   Any suggestions, clarifications, or concerns regarding the tender terms and conditions must be formally raised by the Bidders only during the Pre-Bid Meeting. The Purchaser shall review such requests and reserves the absolute right to accept, modify, or reject any suggestion or concern, wholly or in part, without assigning any reason, and solely in the best interest of the Purchaser.
   All clarifications, amendments, or modifications arising out of the Pre-Bid Meeting shall be published either as a *Corrigendum and/or as the Minutes of the Pre-Bid Meeting (MoM) on ICAT official website (www.icat.in) and on the GeM Portal*. These shall form an integral part of the tender and shall be binding on all Bidders. No request for changes or deviations shall be entertained after the pre-bid stage.

5. **Pre-Bid Meeting Conditions**

5.1 **Pre-Bid Meeting** shall be held to address queries and provide clarifications regarding the scope of work, technical requirements, and the bid submission process.

Additional Terms & Conditions (ATC)

- **Date:** *03/11/2026*
- **Time:** *14:00 Hrs.*
- **Venue:** *VTL Meeting Room, International Centre for Automotive Technology (ICAT), Centre – 1, Plot No. 26, Sector – 3, Near HSIIDC Office, Gurugram – 122050, Haryana*
- **Mode:** *Physical Meeting*
  All interested bidders are encouraged to attend the pre-bid meeting to seek necessary clarifications before submission of their bids.

5.2 Submission of Pre-Bid Queries

- Bidders are required to submit their queries, if any, in writing to raju.rathor@icat.in, *darpan.vashishtha@icat.in*, *monal.hasti@icat.in*, *vikas.sharma@icat.in*, *sameer.bhatnagar@icat.in* & *javed.rahi@icat.in* *by 02/11/2026 up to 1700 Hrs.*
- **Queries should be submitted in the following format** *(Format XII)***:**

SI No.	Clause No.	Existing Provision	Query/Suggestion

5.3 Clarifications and Amendments

- Clarifications and responses to the pre-bid queries shall be issued in the form of a Corrigendum/Addendum and uploaded on the *GeM Portal & ICAT Website*.
- The corrigendum shall form an integral part of the tender document and must be duly considered while submitting the final bid.

5.4 No Individual Communication

- No individual responses will be provided to bidders. All clarifications shall be shared only through official corrigenda.

5.5 Binding Clarifications Only Through Corrigendum

- Only clarifications provided through officially issued corrigenda shall be considered binding. Any verbal discussions or informal exchanges during the pre-bid meeting shall not be treated as official unless formally incorporated.

5.6 No Suggestions or Deviations Post Submission Deadline

- No suggestions, deviations, modifications, or requests for clarification shall be entertained after the bid submission deadline. Bidders are therefore advised to seek all necessary clarifications and raise concerns during the pre-bid period.

6. Earnest Money Deposit (EMD)

6.1 **EMD Amount:** Bidders are required to submit an *Earnest Money Deposit (EMD) of INR 3,86,000/- (Rupees Three Lakh Eighty-Six Thousand Only)* along with their bid. The EMD shall be submitted through the mode specified in the GeM portal or as otherwise prescribed in the tender document.

6.2 **Exemption for MSEs/Startups:** As per the guidelines issued by the Ministry of Micro, Small and Medium Enterprises and the Department for Promotion of Industry and Internal Trade (DPIIT), Government of India, Micro and Small Enterprises (MSEs) and recognized Startups are exempted from payment of EMD, subject to submission of the following

- Valid supporting documents such as Udyam Registration Certificate (for MSEs) or Startup Recognition Certificate issued by DPIIT.
- A duly signed Declaration/Undertaking in lieu of EMD in the prescribed format *"Form–IV"* provided in the Additional Terms and Conditions (ATC) document.

6.3 Bid Rejection in Absence of EMD/Declaration

- Bids submitted without the requisite EMD or valid exemption documents or duly signed Declaration/Undertaking in lieu of EMD in the prescribed format *"Form–IV"* shall be summarily rejected as non-responsive.
- Submission of incorrect, expired, or manipulated exemption certificates may lead to disqualification and blacklisting as per applicable procurement rules.

6.4 **Forfeiture of EMD:** The EMD shall be liable to forfeiture in the following cases

Additional Terms & Conditions (ATC)

- If the bidder withdraws or modifies the bid during the bid validity period.
- In case of any false declaration or non-compliance with tender terms.
- If the successful bidder fails to sign the contract or submit the required Performance Security within the stipulated time.

6.5 **Refund of EMD:** EMD's of unsuccessful bidders shall be refunded without interest after finalization of the contract. For the successful bidder, EMD may be adjusted against the Performance Security, if applicable.

7 **Submission of Bids -** Bidders are required to submit their bids in **two separate parts** as detailed below

- **Part I – Technical Bid:** This shall include all relevant documents and information demonstrating the bidder's compliance with the technical requirements and eligibility criteria as outlined in the tender document. *Bidders must not divulge price of tendered item in technical bid. Violation of the same may lead to rejection of the bid.*
- **Part II – Financial Bid:** This shall contain the price proposal strictly in the format prescribed in the tender document.
  Both parts must be submitted in separate as specified in the e-tendering or GeM platform.

8 **Evaluation Process**

- **Stage 1 – Technical Evaluation:** The Technical Bids shall be opened and evaluated first. Only those bidders who meet all mandatory requirements and obtain the minimum qualifying marks, including full marks in technical capability (as applicable), shall be deemed technically qualified.
- **Stage 2 - Financial Evaluation:** The Financial Bids of only the technically qualified bidders will be opened and considered for further evaluation. Financial Bids of bidders who fail to qualify in the technical stage shall be returned unopened or disqualified from further consideration.

9 **Availability of Tender Documents and Corrigendum:** Prospective Bidders are advised to regularly visit the official website of the International Centre for Automotive Technology (ICAT) at *www.icat.in and/or the Government e-Marketplace (GeM) portal* for downloading the complete Tender Document, including all instructions, terms, specifications, and any corrigendum, amendment, clarification, or notification issued in connection with this Tender. It shall be the sole responsibility of the Bidder to ensure that they have the latest version of the Tender Document and are fully aware of all updates, revisions, or corrigenda issued prior to the bid submission deadline. ICAT shall bear no responsibility or liability for any oversight or failure on the part of the Bidder to obtain such information from the aforementioned platforms.

Additional Terms & Conditions (ATC)

Chapter – 4

Earnest Money Deposit (EMD Clause)

Earnest Money Deposit (EMD): *INR 3,86,000/- (Rupees Three Lakh Eighty-Six Thousand Only)* can be submitted in form of *NEFT/RTGS/FDR/DD/Bank Guarantee/Banker's Cheque* drawn in favor of **"International Centre for Automotive Technology"**, payable at Manesar/ Gurugram valid for at least six months from any branch of Delhi/NCR of Indian scheduled Bank or Online through RTGS/NEFT/Internet Banking in Beneficiary Name "International Centre for Automotive Technology".

Or

Firms that are registered as Startup or Micro or Small Enterprises (MSEs) under the provisions of the Public Procurement Policy for MSEs, 2012, issued by the Ministry of Micro, Small and Medium Enterprises (MSME), Government of India, or those recognized as Startups by DPIIT, or are registered with the Central Purchase Organization or the concerned Ministry/Department for the tendered item, shall be exempted from submission of Earnest Money Deposit (EMD), subject to the following conditions:

- A **valid registration certificate** clearly indicating coverage for the **tendered item** must be submitted along with the **Technical Bid**.
- The registration certificate should remain **valid for a minimum of six (6) months** from the **last date of bid submission**.
- Exemption shall be granted **only for procurement of goods/services** directly covered under the registration.
  Note: The exemption shall **not apply to traders, agents, dealers, distributors, or firms engaged in works contracts**, even if they are registered under MSE.

Or

In place of a Bid security, Bidders can submit Bid securing declaration as per *"Form IV"* accepting that if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of 1 year from the date of opening of this bid from being eligible to submit Bids for contracts with the ICAT that invited the Bid.

ICAT Bank Details for NEFT/RTGS *(in case any bidder deposits the EMD of INR 3,86,000/- through NEFT/RTGS)*

HDFC Bank Details (Saving A/c for transactions in INR Only); -

Beneficiary Name	International Centre for Automotive Technology
Bank Name	HDFC Bank Ltd.
Branch	Plot-K, Sector-2, Manesar-122050 Haryana
Account No.	05891450000118
Account Type	Saving
RTGS IFSC Code	HDFC0000589
Swift Code	HDFCINBB
MICR Code	110240079

Proof of payment shall be submitted online on GeM portal & original *NEFT/RTGS/FDR/DD/Bank Guarantee/Banker's Cheque* should reach at "*To, The Purchase Department, International Centre For Automotive Technology, Plot No. 26, Sector – 3, Near HSIIDC Office, IMT Manesar, Gurugram - 122050 (Haryana)*.

Key Note's

- *EMD shall be exempted to Micro & Small Enterprises registered for the tendered items/as per the latest Govt. of India guidelines. MSME/Start-up Policy is meant for procurement of only goods produced and services rendered by MSE's. However, traders/distributors/sole agent/works contracts are excluded from the purview of Public Procurement Policy for MSEs Order, 2012. The bidders claiming the preference must submit the relevant document (The certificate should be valid for at least 6 months from the date of submission of bids).*

Additional Terms & Conditions (ATC)

- *The bid received without EMD/Documentary proof of Exemption of EMD, will be summarily rejected.*
- *Cheque/Money Order/Cash shall not be accepted as EMD.*
- *A bid will be rejected if EMD is found to be of lesser amount or EMD is not submitted in the manner prescribed.*
- *A bid which is not accompanied by such Earnest Money Deposit or Non-Submission of Bid Security Declaration Form "Form IV" will be construed as non-compliant bid and should be rejected.*
- *The Earnest Money Deposit (EMD) of the unsuccessful bidder will be returned to them within 30 days after finalization and award of the tender without any interest. The Earnest Money Deposit of the successful Bidder will be returned upon the successful Bidder furnishing the Performance Security.*

EMD shall be forfeited in favor of ICAT in case the Bidder: -

- *The EMD may be forfeited, if a Bidder withdraws his bid during the period of bid validity or on submission of false documents/undertaking.*
- *Without the written consent of ICAT, it has withdrawn its Bid during the validity period of the Bids and any extensions thereto.*
- *After opening of the financial bid, alters the quoted rates/conditions in the Bid.*
- *Fails to provide /furnish the Performance Bank Guarantee within stipulated period mentioned in the Letter of Acceptance.*
- *Does not reply to any queries that may be raised after opening of technical/financial bids.*
- *If the bidder does not accept the corrections made by ICAT to its Bid Price pursuant to "Examination of Financial Proposal and Correction of Arithmetical Errors".*

Additional Terms & Conditions (ATC)

Chapter – 5

Eligibility & Technical Evaluation Criteria

Part – I (Pre-Qualification/Minimum Eligibility Criteria)

Eligibility Criteria: The following mentions the pre-qualification criteria. A bidder participating in the procurement process shall possess the following pre-qualification/minimum eligibility criteria: Any bid failing to meet the stated criteria shall be summarily rejected and will not be considered for technical evaluation.

Pre-qualification/Minimum Eligibility Criteria for the Bidders:

1. **Legal Valid Entity:** The Bidder must be a legally recognized entity under applicable Indian laws and shall be eligible to participate in the tender in any of the following forms - **Proprietorship Firm, Partnership Firm, Private Limited Company, or Registered Agency**. **To establish legal status and eligibility, the Bidder shall mandatorily submit documentary evidence of their legal constitution along with the Technical Bid, as specified below**
   - **Proprietorship Firm:** A copy of the valid registration certificate, trade license, or any equivalent document issued by a competent authority clearly indicating the establishment and legal existence of the firm; or
   - **Partnership Firm:** A copy of the duly executed Partnership Deed along with the firm's registration certificate issued by the Registrar of Firms (if applicable under the Partnership Act, 1932); or
   - **Private Limited Company:** A copy of the Certificate of Incorporation issued by the Registrar of Companies (RoC), along with the Memorandum of Association (MoA) and Articles of Association (AoA), duly certified by an authorized signatory; or
   - **Agency:** A copy of the registration certificate or any valid statutory license or document evidencing the agency's legal status under the relevant law (e.g., registration under the Shops and Establishments Act or equivalent legislation).

   Failure to submit any of the above documents as applicable to the nature of the bidding entity may render the bid liable for rejection at the sole discretion of the Purchaser. All documents shall be self-attested and submitted as part of the Technical Bid.

2. **Mandatory Submission of Complete Bid:** The Bidder shall submit a complete and unconditional Bid covering the entire scope of work for the *Upgradation of Chassis Dyno, including all hardware, software, firmware, licences, accessories, installation, integration, calibration, testing, validation, commissioning, training, documentation, warranty support, and all other contractual deliverables specified in the Tender Document*.
   Partial bids, incomplete bids, or bids excluding any essential hardware, software, licence, component, accessory, service, or deliverable required for successful completion and operation of the upgraded system shall be treated as **non-responsive and liable for rejection**.

3. **OEM Eligibility / OEM Authorization:** As this procurement pertains to the *"Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana)"*, participation shall be restricted to:
   a) The Original Equipment Manufacturer (OEM) of the existing *AVL Make NVTC-2 Chassis Dyno*; or
   b) An OEM-authorized representative, subsidiary, channel partner, system integrator, or service provider specifically authorized to undertake supply, installation, integration, software/firmware upgradation, testing, calibration, validation, commissioning, warranty, and long-term technical support services for the proposed *NVTC-2 Chassis Dyno Upgradation*.

   Documentary Evidence
   - Where the Bidder is the OEM, a self-declaration on the OEM's letterhead confirming its OEM status and authorization to execute the complete scope of work shall be submitted.
   - Where the Bidder is not the OEM, a valid OEM Authorization Certificate shall be submitted authorizing the Bidder to participate in the Tender and execute the complete contractual scope,

including supply, software/firmware upgradation, installation, integration, calibration, testing, validation, commissioning, warranty support, technical support, and after-sales services for the proposed *Upgradation of NVTC-2 Chassis Dyno (AVL Make)*.

- The OEM shall be responsible for ensuring complete compatibility and integration of the upgraded NVTC-2 Chassis Dynamometer with the existing emission, automation, data acquisition, PN Counter, and communication systems at ICAT. The OEM shall provide all necessary software, firmware, calibration, warranty, repair, spare parts, and technical support services throughout the Contract Period and Warranty Period and shall guarantee long-term product support for a minimum period of ten (10) years from the date of Final Acceptance.

Failure to submit the applicable OEM Declaration or valid OEM Authorization Certificate, as applicable, shall render the Bid technically non-responsive and liable for rejection during technical evaluation.

4. **Financial Eligibility:** The Bidder shall have achieved an Average Annual Turnover of not less than *INR 10 Crores (Rupees Ten Crores Only)* during the last three completed financial years i.e., *FY 2023–24, FY 2024–25, and FY 2025–26*

   Documentary Evidence: Any one of the following shall be submitted

   - Chartered Accountant Certificate in prescribed *Form XVI* indicating annual turnover for the above financial years; or
   - Audited Balance Sheets and Profit & Loss Accounts for the relevant financial years.

   All Chartered Accountant certified documents shall contain a valid UDIN.

5. **Technical Experience and Past Performance:** The Bidder or the Original Equipment Manufacturer (OEM) represented by the Bidder shall have a minimum of *Five (5) Years' experience* in the *design, supply, installation, commissioning, upgradation, integration, maintenance, or technical support of Chassis Dynamometer Systems and associated vehicle emission testing and laboratory automation systems*.

   Further, during the preceding *Five (5) Years* from the date of bid submission, the Bidder/OEM shall have successfully executed at least *Three (3) Chassis Dynamometer* facility of similar nature and scope, or an equivalent or higher specification facility anywhere in the world, for Automotive OEMs, Testing and Certification Agencies, Research Institutions, Government Organizations, Public Sector Undertakings (PSUs), or reputed private organizations.

   Documentary Evidence:

   - Copies of Purchase Orders, Work Orders, Contracts, Completion Certificates, or equivalent documentary evidence indicating the scope of work and nature of the system supplied, upgraded, commissioned, or supported.
   - Minimum *Two (2) Satisfactory Performance Certificate* issued by the end-user during the preceding *Five (5) Years* from the date of bid submission.
   - A list of relevant installations executed during the last *Five (5) Years*, indicating the Client Name, Location, System Description, Year of Completion, and Client Contact Details for verification, if required.

   Failure to furnish satisfactory documentary evidence shall render the bid technically non-responsive and liable for rejection.

   Note: *For the purpose of this tender,* ***"Similar or Equivalent System"*** *shall mean upgradation of AVL Make Chassis Dynamometer Systems (Domestic and/or International Installations), including associated Automation Systems, designed and configured for vehicle testing in compliance with applicable national and/or international standards, with capability meeting or exceeding WLTP and/or Euro 6 regulatory requirements.*

   The bidder shall have successfully executed such works involving upgradation, modernization, automation integration, software/firmware enhancement, commissioning, calibration, validation, maintenance, or technical support of AVL Make Chassis Dynamometer Systems having comparable functionality, technical complexity, performance parameters, and regulatory compliance requirements.

Additional Terms & Conditions (ATC)

6. **Local Presence and Service Support:** The Bidder or the Original Equipment Manufacturer (OEM) represented by the Bidder shall have an established service support organization in India, capable of providing installation, integration, testing, commissioning, calibration, preventive maintenance, breakdown maintenance, software and firmware support, warranty services, spare parts support, and post-warranty technical support for the proposed *Upgradation of Chassis Dynamometer System for NVTC-2 Lab*.
   The Bidder/OEM shall have at least *Two (2) technically qualified and experienced service engineers available in India*, possessing adequate expertise in Chassis Dynamometer Systems, vehicle emission testing systems, laboratory automation systems, data acquisition systems, communication interfaces, calibration, software support, and system integration activities. Such resources shall be available to provide timely technical assistance during the Contract Period, Warranty Period, and post-warranty support period.
   Documentary Evidence:
   - A declaration on the Bidder's/OEM's letterhead indicating the location(s) of service support office(s) and service infrastructure available in India.
   - Details of technical manpower available in India, including the number of service engineers, their qualifications, experience, and areas of expertise relevant to the proposed system.
   - Details of service infrastructure, technical support capabilities, calibration support arrangements, software and firmware support facilities, and spare parts availability in India for supporting the proposed Chassis Dynamometer System.
   - An undertaking confirming availability of technical support, repair services, spare parts, and engineering assistance throughout the Contract Period, Warranty Period, and for the committed long-term support period specified in the tender.

   Failure to furnish the above documentary evidence shall render the Bid technically non-responsive and liable for rejection.

7. **Blacklisting / Debarment:** The Bidder shall not be under any declaration of ineligibility, blacklisting, debarment or suspension by any Ministry or Department of Government of India, State Government, Public Sector Undertaking or Statutory Authority as on the date of Bid submission.
   Documentary Evidence: A self-certified declaration signed by the Authorized Signatory shall be submitted.

Bidders to Comply with:

8. Rule 144(xi) of GFR 2017 regarding restrictions on procurement from a bidder of a country that shares a land border with India will be liable to rejection (refer to the to the Office Memorandum of the Department of Expenditure dated July 23, 2020, and as revised from time to time at https://doe.gov.in/sites/default/files/OM%20dated%2023.07.2020.pdf).

9. Department of Industrial Policy and Promotion (DIPP) vide No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 and as revised from time to time regarding bidders' eligibility and preference to make in India (https://dpiit.gov.in/sites/default/files/PPP%20MII%20Order%20dated%204th%20June%202020.pdf).

Additional Terms & Conditions (ATC)

Part – II (Technical Bid Evaluation Parameters)

Bid Evaluation – Eligibility for Technical Assessment: The Bidder shall mandatorily comply with all the ***Pre-Qualification/Minimum Eligibility Criteria*** as specified in *"Chapter – 5"* of this tender document. Only those Bidders who are found to be fully compliant with the ***Pre-Qualification/Minimum Eligibility Criteria***, upon detailed scrutiny of the submitted documentation, shall be considered eligible for Technical Bid Evaluation.
Any Bidder failing to meet the stipulated criteria in *"Chapter – 5"* shall be disqualified from further evaluation, and their Financial Bids shall not be opened or considered under any circumstances. The decision of the Purchaser in this regard shall be final and binding, without any obligation to provide justification or entertain representations.

Technical Bid Evaluation Parameters

1.1 ICAT shall follow segregated bid submission evaluation system. The minimum pass mark in technical bid shall be *80 Points (80%) out of 100 Points*. Bidders, who gets cut-off marks, will be qualified for next part of evaluation i.e. financial part.

1.2 The Technical Bids shall be awarded points based on the following evaluation criteria:

Evaluation Parameter	Details	Marks
Technical Requirements	**Technical Specifications/Requirements** offered against the requirements spelt out in this tender.	**50**
Bidder's or OEM Past Experience	**Same/Similar Nature Project** (In Last 5 Years before bid submission) • Minimum 3 Projects – **15 Marks** • >3 up to 5 Projects – **17 Marks** • More than 5 Projects – **20 Marks**	**20**
	Experience (Nos. of Year) • 5 Years (Minimum) – **7 Marks** • >5 up to 10 Years – **10 Marks** • More than 10 Years – **15 Marks**	**15**
Bidder's Financial Capability	**Financial Capability**	
	Average Annual Turnover of at least 10 Crores in the past 3 FY: 2023-24, 2024-25 & 2025-26 • 10 Crores (Minimum) – **6 Marks** • >10 Crores up to 15 Crores – **8 Marks** • More than 15 Crores – **10 Marks**	**10**
Customer Feedback	• Minimum 2 Nos – **2 Marks** • >2 up to 5 – **3 Marks** • More than 5 – **5 Marks**	**5**
Total Marks		**100**

Evaluation Criteria and Preference Policy:

1. **Technical Evaluation Threshold – Mandatory Compliance**
   - Bidders must secure a *minimum of 50 out of 50 Points* in the **Technical Specifications Evaluation** section. This is a **mandatory qualifying criterion**; failure to achieve the full technical specification score will result in **immediate disqualification**, irrespective of the total overall score.
2. **Overall Evaluation Threshold:** To qualify for financial bid opening, bidders must obtain a minimum of *80 out of 100 points (80%)* in the overall evaluation. This includes scores from technical specifications, company credentials, past performance, and other evaluation parameters as outlined in the tender document.

Additional Terms & Conditions (ATC)

3. **Preference to Local Suppliers under Public Procurement Policy**
   - ICAT reserves the right to extend **purchase preference to local suppliers** in accordance with the provisions of the **Public Procurement (Preference to Make in India), Order 2017**, issued by the **Department for Promotion of Industry and Internal Trade (DPIIT)**, Ministry of Commerce and Industry, Government of India, vide Order No. **P-45021/2/2017-PP (BE-II)** dated **04.06.2020**, and any subsequent amendments thereto.
   - For detailed guidelines, bidders may refer to the DPIIT policy document available at: https://dpiit.gov.in/sites/default/files/PPP%20MII%20Order%20dated%204th%20June%202020.pdf
   - Bidders seeking such preference must submit the requisite **self-declaration and certification** documents as per the DPIIT guidelines along with their Technical Bid.
4. **Purchase Preference for MSEs and Startups:** In accordance with the provisions of the Public Procurement Policy for Micro and Small Enterprises (MSEs), 2012 and the relevant guidelines issued by the Ministry of Micro, Small and Medium Enterprises (MSME), as well as Startup India Policy.
   - **Preference as per Government Policy:** ICAT reserves the right to extend preference to Local Suppliers, Micro and Small Enterprises (MSE's), and Startups, in accordance with the applicable guidelines, circulars, and notifications issued by the Government of India, as amended from time to time. Such preference shall be accorded only upon submission of valid, relevant, and verifiable supporting documents along with the bid. Failure to provide the required documentation shall result in ineligibility for any preferential treatment.
   - **Applicability of MSE Public Procurement Policy:** In accordance with the Public Procurement Policy for Micro and Small Enterprises (MSE's) Order, 2012, as amended, the benefits under this policy shall apply exclusively to goods manufactured or services rendered by registered MSE's. Entities operating solely as traders, distributors, marketing agents, or engaged under works contracts are expressly excluded from the scope and benefits of this policy.
   - **Relaxation of Prior Turnover and Experience Requirements:** ICAT, at its sole discretion, may relax the requirements of prior turnover and prior experience for start-up enterprises recognized by the Department for Promotion of Industry and Internal Trade (DPIIT), provided that such entities fully comply with all quality standards, technical specifications, and performance criteria as specified in the tender documents. Such start-ups may be MSMEs or otherwise. Only registered Micro and Small Enterprises (MSEs) and DPIIT-recognized start-ups shall be considered for relaxation under this provision. Any such relaxation shall be strictly conditional upon the enterprise's demonstrated capability to meet all functional, operational, and contractual requirements of the tender. This relaxation shall be applied in accordance with the provisions of applicable government policies and shall not compromise adherence to the tender's prescribed technical, quality, or performance requirements. ICAT's decision in this regard shall be final and binding.
   - **Purchase Preference:** If an MSE or eligible Startup bidder quotes within L1 + 15% price range and agrees to match the L1 price, the order for up to 25% of the total tendered quantity may be awarded to such MSE/Startup, as per the policy provisions.

Additional Terms & Conditions (ATC)

Chapter – 6

Bid Rejection Criteria

Bids submitted in response to this tender shall be liable for outright rejection and shall not be considered for further evaluation under any of the following circumstances:

1. ***Non-Compliance with Bid Security Requirements***
   - *Submission of bid without the required Earnest Money Deposit (EMD), or*
   - *Non-submission of the Bid Security Declaration Form (Form IV),* ***or***
   - *Non-submission of valid Udyam Registration Certificate (for MSEs) or a DPIIT recognition certificate (for Startups) along with the bid.*
2. ***Financial Turnover Below Threshold:*** *Bidders must have an average annual turnover of not less than INR 10 Crores during the three most recent financial years (FY 2023-24, 2024–25, and 2025–26). Failure to submit audited financial statements or turnover certificates certified by a Chartered Accountant (CA) for these years shall result in disqualification.*
3. *Not demonstrating technical capability/ expertise in the field of our requirement as per tender.*
4. ***Non-Submission of Statutory Registrations:*** *Bidders failing to submit valid copies of* ***their GST registration certificate and Permanent Account Number (PAN)*** *shall be deemed non-compliant.*
5. ***Unsatisfactory Client References:*** *If even one reference provided by the bidder is found to be unsatisfactory, the bidder shall be disqualified. Internal references obtained from* ***NAB or its associated centres*** *may also be considered valid for disqualification purposes, regardless of whether they are formally submitted with the bid.*
6. ***Conditional or Deviated Bids:*** *Any bid containing deviations, conditions, or modifications to the tender terms and conditions shall be summarily rejected.*
7. ***Incomplete Bid Submission:*** *It is a mandatory requirement that bidders submit comprehensive proposals covering all items listed in the tender. Any incomplete bid, including failure to quote for any item or component, shall be treated as non-compliant. Such bids shall be rejected without further correspondence, and the bidder shall be disqualified from the evaluation process.*
8. ***Segregated Bidding Process:*** *Bids shall be submitted through the GeM Portal under a Segregated Bidding Process, comprising separate Technical Bid and Financial Bid, in accordance with this Tender Document and the applicable GeM guidelines. The Technical Bid shall contain only technical information and supporting documents and shall not disclose any price, financial, or commercial information, whether directly or indirectly. Disclosure of any price or commercial information in the Technical Bid or in any document uploaded as part thereof may be treated as a material deviation, and the bid may be rejected without further evaluation. Such non-compliance may render the bidder ineligible for further consideration under the Tender. The decision of ICAT in this regard shall be final and binding.*
9. ***Non-Compliance with Pre-Qualification/Minimum Eligibility Criteria:*** *Failure to satisfy any single condition under the "Pre-qualification / Minimum Eligibility Criteria" section shall result in the immediate disqualification of the bid from the tender process.*
10. ***IP Address Duplication on GeM Portal:*** *The Government e-Marketplace (GeM) portal tracks and displays the IP addresses used by Buyers and Bidders/Sellers. Bids submitted from identical or shared IP addresses across different bidders/sellers shall be considered suspicious and will be automatically disqualified from further evaluation (need more verification).*
11. ***Bid Rigging and Conflict of Interest:*** *The Purchaser reserves the right to reject any bid or disqualify any bidder from the tendering process at any stage if, in the opinion of the Purchaser, there is sufficient evidence to conclude that*
    - ***Bid Rigging:*** *The Bidder has engaged in any form of collusive bidding, bid rigging, cartel formation, or anti-competitive practices, whether directly or indirectly, with other bidders to influence the outcome of the bidding process. Such practices shall include but are not limited to: Sharing of bid prices or commercial terms prior to bid*

submission or Agreement among bidders not to compete or to submit complementary bids or Coordinated bid withdrawals or bid rotation schemes.

- ***Conflict of Interest:*** *A Conflict of Interest exists or is reasonably deemed to exist if*
  - *The Bidder or any of its associated entities, subsidiaries, or affiliates has a direct or indirect relationship with another bidder participating in the same tender, which could compromise the integrity or fairness of the procurement process.*
  - *The Bidder has a relationship with any official, employee, or representative of the Purchaser who is directly or indirectly involved in the tender evaluation or award process.*
  - *The Bidder uses resources, infrastructure, or personnel that are also engaged in preparing or influencing another competing bid in this tender.*

12. ***Declaration of Code of Integrity:*** *All Bidders shall submit a duly signed Declaration regarding compliance with the provisions of the Code of Integrity, as prescribed under Rule 175 of the General Financial Rules (GFR), 2017, in the format specified in the Tender Document. Failure to submit the prescribed declaration shall render the bid liable for rejection. Any false declaration, misrepresentation, or suppression of facts shall constitute a breach of the Code of Integrity and may result in rejection of the bid, termination of the contract, debarment from future procurements, and such other action as may be permissible under the applicable Government procurement rules and tender conditions.*

13. ***Purchaser's Rights:*** *The Purchaser shall have the sole discretion to determine whether a bid is non-compliant due to the reasons outlined above. In such cases, the Purchaser shall be under no obligation to inform the bidder of the grounds for disqualification or provide any further clarification. The decision of the Purchaser shall be final, binding, and non-contestable.*

Additional Terms & Conditions (ATC)

Chapter – 7

General Terms & Conditions

1. **Definitions: Unless the context otherwise requires, the following terms shall have the meanings assigned to them hereunder**

1.1 **Purchaser/ICAT**: "Purchaser" or "ICAT" shall mean the International Centre for Automotive Technology (ICAT), Manesar, Haryana, a division of the National Automotive Board (NAB), Government of India, and shall include its authorized officers, representatives, successors and permitted assigns.

1.2 **Bidder:** "Bidder" shall mean any Proprietorship Firm, Partnership Firm, Limited Liability Partnership (LLP), Company, OEM, OEM-authorized representative, or any other legally constituted entity that submits a Bid in response to this Tender.

1.3 **Successful Bidder**: "Successful Bidder" shall mean the Bidder whose Bid has been accepted by ICAT and to whom the GeM Contract, Purchase Order or Contract has been awarded.

1.4 **Contract**: "Contract" shall mean the legally binding agreement entered into between ICAT and the Successful Bidder and shall include the GeM Contract/Purchase Order, Tender Document, Scope of Work, Technical Specifications, Special Conditions of Contract (SCC), General Conditions of Contract (GCC), Corrigenda, Clarifications, Accepted Bid, and all documents forming part of the Contract.

1.5 **Contract Value**: "Contract Value" shall mean the total accepted value of the Contract, including all applicable taxes, duties, freight, insurance, packing, loading, unloading, installation, integration, testing, commissioning, documentation, training, warranty obligations and all other charges payable under the Contract, unless otherwise specified.

1.6 **Equipment / System:** "Equipment" or "System" shall mean the complete Upgradation of the existing NVTC-2 Chassis Dynamometer System, including all hardware, software, firmware, licenses, controllers, drives, automation components, communication interfaces, data acquisition systems, integration modules, accessories, engineering services, documentation, calibration, validation, and all other items and services required for successful installation, integration, testing, commissioning, training, and operation in accordance with the Contract.

1.7 **Delivery:** "Delivery" shall mean the supply of all contractual hardware, software, firmware, licenses, accessories, documentation, and associated items at ICAT Centre-1, Manesar, Haryana, in accordance with the Contract. Delivery shall not constitute acceptance by ICAT.

1.8 **Installation and Commissioning:** "Installation and Commissioning" shall mean dismantling, installation, replacement, software/firmware upgradation, configuration, integration, calibration, testing, validation, and commissioning of the upgraded Chassis Dynamometer System with the existing emission measurement system, laboratory automation system, data acquisition system, PN Counter interface, communication network, and associated equipment to meet the technical and performance requirements of the Contract.

1.9 **Final Acceptance:** "Final Acceptance" shall mean the written acceptance issued by ICAT after satisfactory completion of supply, installation, integration, testing, calibration, validation, commissioning, training, submission of all documentation, successful completion of acceptance tests, and fulfilment of all contractual obligations by the Successful Bidder.

1.10 **Final Acceptance Certificate (FAC):** "Final Acceptance Certificate (FAC)" shall mean the certificate issued by ICAT confirming satisfactory completion of the entire scope of work and acceptance of the upgraded Chassis Dynamometer System.

1.11 **Completion Period:** "Completion Period" shall mean the period specified in the Contract within which the Successful Bidder is required to complete the entire contractual scope, including engineering, supply, installation, integration, testing, commissioning, training, documentation, and Final Acceptance.

Additional Terms & Conditions (ATC)

1.12 **Warranty Period:** "Warranty Period" shall mean the period of Twenty-Four (24) Months from the date of issuance of the Final Acceptance Certificate, during which the Successful Bidder shall remain responsible for rectification of defects, repairs, replacements, software and firmware support, calibration assistance, technical support, and restoration of system performance without any additional cost to ICAT.

1.13 **Performance Security:** "Performance Security" shall mean the security furnished by the Successful Bidder in accordance with the Contract to secure due and faithful performance of all contractual obligations, including warranty, support, and long-term service obligations.

1.14 **OEM:** "OEM" shall mean the Original Equipment Manufacturer of the proposed Chassis Dynamometer System and associated hardware, software, firmware, automation components, communication interfaces, and other equipment covered under the Contract.

1.15 **Software/Firmware:** "Software" and "Firmware" shall mean all operating software, application software, automation software, control software, configuration tools, communication drivers, data acquisition utilities, diagnostic tools, calibration utilities, runtime applications, firmware packages, licenses, patches, updates, and other software components required for operation, monitoring, maintenance, reporting, integration, troubleshooting, and support of the upgraded Chassis Dynamometer System.

1.16 **Similar Nature Work:** "Similar Nature Work" shall mean upgradation of AVL Make Chassis Dynamometer Systems (Domestic and/or International Installations), including associated Automation Systems, designed and configured for vehicle testing in compliance with applicable national and/or international standards, with capability meeting or exceeding WLTP and/or Euro 6 regulatory requirements.

1.17 **Day:** "Day" shall mean a Calendar Day unless otherwise specified in the Contract.

1.18 **Force Majeure:** "Force Majeure" shall mean any event or circumstance beyond the reasonable control of the affected Party which could not have been reasonably foreseen or prevented, and which materially affects performance of the contractual obligations, as provided under the Contract.

1.19 **Applicable Law:** "Applicable Law" shall mean all applicable Acts, Rules, Regulations, Notifications, Orders, Guidelines, and statutory provisions of the Government of India and the Government of Haryana, as amended from time to time.

1.20 **Goods and Services:** "Goods and Services" shall mean all hardware, software, firmware, licences, documentation, installation, integration, calibration, testing, validation, commissioning, training, warranty support, technical assistance, and all other deliverables required to be provided by the Successful Bidder under the Contract.

1.21 **Writing/Written:** "Writing" or "Written" shall mean communication in physical or electronic form, including correspondence issued through the GeM Portal, e-mail, letter, minutes of meeting, or any other mode recognized under the Contract.

1.22 **Supportability Period:** "Supportability Period" shall mean the minimum period of Ten (10) Years after expiry of the Warranty Period during which the OEM/Successful Bidder shall ensure availability of technical support, software updates, firmware updates, calibration support, repair services, engineering assistance, and spare parts for the upgraded PM Measurement System (MDLT).

2. **Offer Validity:** Offers should be valid for a minimum of *One Hundred Eighty (180) Days* from the date of opening the Technical Bid. A bid, valid for a shorter period, is liable to be rejected. ICAT and Manesar may ask the bidders to extend the period of validity, if required.

3. **Price Escalation:** The prices quoted by the Bidder shall remain firm and fixed throughout the validity of the Bid and the entire Contract period, and no escalation in prices shall be admissible on any account whatsoever, including increase in the cost of materials, labour, transportation, duties, taxes, exchange rate variations or any other factors. No claim for price revision or additional compensation shall be entertained by ICAT after submission of the Bid.

Additional Terms & Conditions (ATC)

4. **Price:** The prices are to be quoted in INR in figures only. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.
5. The tender document is not an offer and is issued with no commitment. ICAT reserves the right to withdraw this notice inviting tender or vary any part thereof at any stage. ICAT further reserves the right to disqualify any bidder, should it be so necessary at any stage. ICAT reserves the right to reject any or all the tenders, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest tender.
6. **Qualification Criteria:** The bidder whose bid meets the technical specification and evaluation criteria given above would only be considered (As per conditions mentioned in Evaluation Criteria).
7. **System of Award of Contract:** The bidder who satisfies the qualification criteria and offers lowest (L1) would be selected.
8. **Applicability of ATC and GeM General Terms and Conditions:** All provisions, stipulations, obligations, and requirements set forth in the Additional Terms and Conditions (ATC) shall be strictly binding and enforceable upon all bidders, without exception. In respect of any matter, condition, or contingency that is not expressly covered, specified, or regulated under the ATC, the GeM General Terms and Conditions shall ipso facto govern such aspects and shall be deemed to be incorporated into, and to form an integral part of, this tender document with full force and effect.
9. Please ensure that ATC documents must be signed and stamped on all pages as a token of acceptance of all the terms and conditions.
10. Once submitted in e-Procurement, Bidder cannot view or modify his bid since it is locked by encryption. However, resubmission of the bid by the bidders for any number of times superseding earlier bid(s) before the date and time of submission is allowed. Resubmission of a bid shall require uploading of all documents, including financial bid afresh. The system shall consider only the last bid submitted as the valid bid. The bidder may withdraw his bid before the bid submission deadline, and it shall be marked as withdrawn and shall not get opened during the Bid opening. No bid should be withdrawn after the deadline for the bid submission and before the expiry of the bid validity period.
11. **Corrigenda to the tender document:** Before the deadline for submitting bids, the Buyer may update, amend, modify, or supplement the information, assessment or assumptions contained in the Tender Document by issuing a corrigendum. The corrigenda shall be published in the same manner as the original Tender Document through GeM portal. Without any liability or obligation, the Portal may send intimation of such corrigenda to bidders who have downloaded the document under their login. However, the bidders' responsibility is to check the portal for any corrigenda. Bidders are therefore requested to regularly visit GeM portal for updates. Any corrigendum thus issued shall be considered a part of the Tender Document. To give reasonable time to the prospective bidders to take such corrigendum into account in preparing their bids, the Buyer may suitably extend the deadline for the bid submission, as necessary. After the Buyer makes such modifications, any Bidder who has submitted his bid in response to the original invitation shall have the opportunity to either withdraw his bid or re-submit his bid superseding the original bid within the extended time of submission.

12. Assignment and Sub-Contracting

12.1 The Successful Bidder shall not, without the prior written consent of the Procuring Entity, sublet, assign, transfer, delegate, or otherwise dispose of the Contract or any part thereof, or any rights, interests, benefits, or obligations arising therefrom, in any manner whatsoever.

12.2 The Successful Bidder shall provide the Procuring Entity with prompt written notification of all subcontracts awarded under this Contract that were not disclosed in the original bid or contract documentation. Such notification shall not relieve or discharge the Successful Bidder from any liability, obligation, or responsibility under this Contract.

12.3 Subcontracting shall be permitted solely for the procurement of bought-out items and incidental works or services directly related to the execution of the Contract. All subcontracted work shall be subject to the Successful Bidder's full responsibility and compliance with the terms, conditions, and obligations of this Contract. Subcontracting shall not be used as a means to circumvent or diminish the Successful Bidder's contractual responsibilities or performance obligations.

12.4 Any assignment, subletting, or transfer of the Contract, or any part thereof, without the prior written approval of the Procuring Entity, shall be deemed a material breach of Contract. In the event of such unauthorized assignment or subcontracting, the Procuring Entity reserves the right to invoke any or all remedies available under the Contract and/or applicable law, including but not limited to termination of the Contract, forfeiture of performance guarantees, and claims for damages.

13. **Unsatisfactory Performance:** The successful bidder hereby agrees and acknowledges that the International Centre for Automotive Technology (ICAT) shall have the sole and absolute discretion to evaluate and determine the suitability, quality, and performance of any component(s), subsystem(s), or complete system(s) supplied under this contract, whether during the pre-dispatch, inspection, testing, installation, commissioning, or post-commissioning phases.
    In the event that any component, equipment, or system—whether in part or in full—is found to be **deficient, substandard, non-compliant with specifications**, or otherwise **unsatisfactory** in the opinion of ICAT, ICAT reserves the unequivocal right to **reject such component(s) or system(s)** without incurring any liability, financial or otherwise, and **without any obligation to provide justification** or explanation for such rejection.
    The **bidder expressly undertakes** to abide by and accept ICAT's decision in this regard as **final and binding**, and **waives all rights to contest, dispute, or seek redressal** in respect of such decision. No claim for costs, compensation, or consequential damages shall be entertained by ICAT under such circumstances.

14. **Termination of Contract:** If the performance of the successful bidder (hereinafter referred to as the "Supplier") is found to be unsatisfactory — whether in terms of timely delivery, quality of the goods supplied, or non-compliance with the contractual obligations — ICAT shall issue a written notice to the Supplier, treating the same as a formal warning.
    If, notwithstanding the first warning, the Supplier fails to rectify the deficiencies or does not take corrective measures within **fifteen (15) days** from the date of the first notice, a **second and final warning** shall be issued.
    Should the Supplier continue to remain non-compliant or fail to meet the required performance standards even after issuance of the second warning, **ICAT reserves the right to terminate the contract/work order**, in whole or in part, **by giving one (1) month's written notice**, without assigning any further reason and without any liability whatsoever on the part of ICAT.
    Upon termination:
    - The contract shall become **null and void** from the date of expiry of the notice period.
    - Any pending payment deemed payable to the Supplier, if any, shall be **withheld or forfeited** at the discretion of ICAT.
    - **No further claims, liabilities, or compensations** of any kind shall be entertained by ICAT.
    - The Supplier shall be required to **withdraw all deployed personnel, equipment, and material** from ICAT premises within **thirty (30) days** from the termination date.
    - **Failure to vacate the premises** may lead to ICAT taking appropriate legal and administrative measures.

    The **decision of the Competent Authority of ICAT** regarding the performance of the Supplier and termination of the contract shall be **final and binding**.

15. **Confidential Information:** ICAT and Selected Bidder shall keep confidential and not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information

furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of contract.

16. **Intellectual Property Rights (IPR)**
    - **Ownership of Existing Intellectual Property:** All Intellectual Property Rights in the equipment, including patents, designs, trademarks and proprietary technologies, shall remain vested with the Original Equipment Manufacturer (OEM) or the Bidder, as applicable.
    - **Right to Use Equipment and Documents:** ICAT shall have the unrestricted right to use the equipment supplied under the Contract for official purposes. The operation, maintenance and user manuals supplied along with the equipment may be copied, stored and shared internally by ICAT for training, operation and maintenance purposes.
    - **Embedded Software/Firmware (if any):** Where the equipment includes embedded software or firmware, ICAT shall have a perpetual, royalty-free and non-exclusive license to use the same solely for the operation, maintenance and servicing of the equipment. No separate license fee shall be payable.
    - **Non-Infringement Assurance:** The Bidder shall ensure that the supply, installation and use of the equipment by ICAT do not infringe any Intellectual Property Rights of any third party.
    - **Indemnity:** The Bidder shall indemnify and hold harmless ICAT from and against any loss, claim, demand, cost or expense arising out of any alleged or actual infringement of Intellectual Property Rights in relation to the supplied equipment.
    - **Use of ICAT Name and Logo:** The Bidder shall not use the name, logo, emblem or any official identification of ICAT for publicity, advertisement or commercial purposes without prior written approval of ICAT.
    - **Survival:** The provisions of this clause shall survive the completion, expiry or termination of the Contract.

17. **Indemnity:** The Successful Bidder/Vendor shall defend, indemnify and hold harmless ICAT, its officers, employees and representatives, from and against any and all actions, causes of action, claims, demands, liabilities, suits, proceedings, judgments, liens, awards, damages, losses, costs and expenses, including costs of litigation and legal fees, to the extent such claims arise out of or are attributable to
    - Any infringement or alleged infringement of Intellectual Property Rights, including patents, copyrights, trademarks or designs.
    - Any wrongful use or unauthorized disclosure of trade secrets or confidential information; or
    - Any act, omission or negligence on the part of the Successful Bidder/Vendor or its personnel, in connection with the performance of the Contract or the supply, installation, use or operation of the goods and/or services provided thereunder.

18. **Dispute Resolution (Arbitration):** In the event of any dispute or difference arising between the International Centre for Automotive Technology (ICAT) and the Contractor/Supplier in connection with or arising out of this Contract, including any matter relating to the interpretation or performance of its terms, the parties shall endeavour to resolve such disputes amicably through mutual discussion and consultation.

    If the dispute remains unresolved after thirty (30) days of such mutual discussions, the matter shall, subject to the provisions herein, be referred to arbitration in accordance with the Arbitration and Conciliation Act, 1996, and any amendments thereto.

    Subject to the guidelines issued by the ***Department of Expenditure, Ministry of Finance, vide OM No. F.1/2/2024-PPD dated 03.06.2024***, arbitration shall be an available method of dispute resolution only where the value of the dispute is less than ***₹10 crores (Rupees Ten Crore)***. This threshold refers to the value of the dispute and not the overall value of the contract. For disputes where the value exceeds ***₹10 crores***, the parties shall resolve the matter through appropriate judicial forums and arbitration shall not be applicable. Where

arbitration is permissible, a Sole Arbitrator shall be appointed by the Director (ICAT), with the mutual concurrence of both parties. The decision of the Sole Arbitrator shall be final and binding on both parties.
The arbitration proceedings shall be conducted in the English language, and the venue of arbitration shall be Gurugram, Haryana. The parties agree that they shall not approach any court of law for the resolution of disputes unless the arbitration mechanism provided herein is exhausted, where applicable.
Subject to the above, the courts at Gurugram, Haryana, shall have exclusive jurisdiction over all matters arising under this contract.

19. Law of the Republic of India are applicable to this tender.

20. **Force Majeure:** For the purpose of this Contract, "Force Majeure" shall mean any event or circumstance beyond the reasonable control of either party (the Successful Bidder or ICAT) which was not reasonably foreseeable, or which, with the exercise of due diligence, could not have been foreseen or prevented, and which materially and adversely affects the performance of obligations under this Contract.
Events qualifying as Force Majeure shall include, but not be limited to, the following:
    - Natural calamities such as floods, droughts, earthquakes, hurricanes, cyclones, lightning, or other acts of God.
    - Pandemics or epidemics, or any public health emergency declared by competent authorities.
    - Acts of war (declared or undeclared), hostilities, invasion, armed conflict, terrorism, civil unrest, riots, or sabotage.
    - Acts or orders of Government authorities, including but not limited to quarantine restrictions, embargoes, prohibitions, or trade restrictions imposed by any competent government authority.
    - Freight embargoes, restrictions on transportation, or any unforeseen change in law or government policy materially impacting contract performance.

    Obligations during Force Majeure: The party affected by a Force Majeure event shall, within **Seven (7) calendar days** of the occurrence of such event, **notify the other party in writing**, providing sufficient details and evidence of the Force Majeure circumstances and its anticipated impact on the performance of contractual obligations.
    Neither party shall be held liable for any **delay or failure** in the performance of its contractual obligations arising directly from such Force Majeure event, provided that:
    - The obligations affected are directly related to the Force Majeure event.
    - The affected party takes all reasonable steps to mitigate the effect of the Force Majeure on the performance of the contract.
    - The performance is resumed as soon as reasonably practicable after the Force Majeure event ceases.

    If the period of delay due to Force Majeure extends beyond **sixty (60) days**, either party shall have the right to **terminate the contract** by giving **fifteen (15) days' written notice**, without any financial repercussion or liability on either side, subject to settlement of dues already accrued prior to such termination.
    The decision of ICAT regarding the existence, duration, and impact of Force Majeure shall be **final and binding** on the successful bidder.

21. **Conflict of Interest:** The bidder must not have a conflict of interest, which substantially affects fair competition. The prices quoted should be competitive and without adopting any unfair/unethical/ anti-competitive means. No attempt should be made to induce any other bidder to submit or not submit an offer for restriction competition.

22. **Fraud and Corruption:** The bidders, suppliers and contractors shall observe the highest standard of ethics during bidding and during performance of the contract. For the purposes of this provision, the following acts shall be considered as corrupt and/or fraudulent practices.
    - **"Corrupt Practice"** means offering, giving, receiving, or soliciting directly or indirectly, of anything of value to influence the action of an official in the procurement process or in contract execution.
    - **"Fraudulent Practice"** means misrepresentation or omission of facts in order to execution of contract.

Additional Terms & Conditions (ATC)

- **"Collusive Practice"** means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive level.
- **"Coercive Practice"** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process or in execution of a contract.
- During the process of evaluation of a bid or proposal for award of a contract, if it is detected that a bidder directly or through agent has engaged in corrupt, fraudulent, collusive or coercive practice in competing for the contract in question, then a) the bid shall be rejected and b) declare the firm ineligible for a specific period or indefinitely to participate in a bidding process.
- Bidders may note that GeM is capturing and showing the IP addresses used by the Buyer and Bidder(s)/Seller(s). Bids submitted from IP addresses that are identical to or shared with other Bidders/Sellers shall be deemed invalid and automatically disqualified from further evaluation.

23. **Collusive Bidding or Bid Rigging or Cartelization:** The Bidder(s) acknowledges and agrees that any form of bid rigging, cartelization, or coordination among bidders, aimed at manipulating the bidding process or prices, is strictly prohibited. In the event of any evidence or suspicion of collusion, bid rigging, or cartel behaviour, the Tendering Authority reserves the right to reject the bid(s) and take appropriate legal action, including but not limited to debarment from future tenders and reporting to relevant authorities. Bidders are required to submit their bids independently, without any undue influence or agreement with other participants in the tender process.

24. Integrity Clause

- **Integrity Pact:** The Bidder/Supplier/Contractor shall maintain the highest standards of integrity and shall not indulge in any corrupt, fraudulent, collusive, coercive, or undesirable practices while participating in the tender process or in execution of the contract.
- **Prohibition of Corrupt Practices:** The Bidder shall not offer, give, solicit or accept, directly or indirectly, any bribe, gift, consideration, reward, commission, or other advantage as an inducement or reward for doing or forbearing to do any act in relation to the tender or contract.
- **Compliance with Laws:** The Bidder shall comply with all applicable laws, rules, regulations, and guidelines, including but not limited to the General Financial Rules (GFR) issued by the Government of India and relevant procurement manuals.
- **Declaration of Non-Conflict:** The Bidder affirms that it has not been convicted of any offense involving corrupt or fraudulent practices and is not involved in any ongoing investigation related to such offenses.
- **Consequences of Breach:** Any violation of this Integrity Clause shall entitle the Purchaser/Contracting Authority to reject the bid, terminate the contract, and take any other legal action including blacklisting/debarment as per applicable rules.
- **Reporting Mechanism:** Bidders may report any observed or suspected violation of this clause through appropriate channels as prescribed in the tender documents or procurement manuals.

25. **Purchase Preference Policies of the Government:** Unless otherwise stipulated in the Tender, the Buyer reserves its right to grant preferences to the following categories of eligible Bidders under various Government Policies/Directives.
    i. Class I Local Suppliers under Public Procurement (Preference to Make in India) Order 2017" (MII) of Department for Promotion of Industry and Internal Trade, (DPIIT - Public Procurement Section) as revised from time to time.
    ii. Bidders from Micro and/ or Small Enterprises (MSEs) under Public Procurement Policy for the Micro and Small Enterprises (MSEs) Order, 2012 as amended from time to time.
    iii. Start-ups Bidders under Ministry of Finance, Department of Expenditure, Public Procurement Division OM No F.20\212014-PPD dated 25.07.2016 and subsequent clarifications; and/or
    iv. Any other category of Bidders, as per any Government Policies, announced from time to time, if so, provided in the Tender document

Additional Terms & Conditions (ATC)

26. **Local Content Declaration (as per PPP-MII order from DPIIT, Govt of India, Ministry of Commerce):** This tender is governed by extant PPP-MII order dated 19.07.24 and subsequent revisions (if any), issued by DPIIT, Government of India. Hence, all bidders must submit a certificate stating following details:
    a. **Percentage of local content in offered products**
    b. **Place (s) of value addition in India**

    Note:
    i. For this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local supplier/ non-local supplier and purchase preference to class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the Nodal ministry, changing the definition of local content for the items of the Tender, the same shall be applicable even if issued after the issue of the Tender, but before opening of Part-II bids against the Tender.
    ii. Eligibility: only class I and class II local supplier as per extant PPP-MII order dated 19.07.24 are eligible to bid for the tender.
    iii. In case the tender value is more than *INR 10 Crores*, the suppliers (bidders) shall be required to provide a certificate from the 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.
    iv. Non-submission of the same shall render the bid ineligible for further consideration.

27. **Declaration regarding MSE status of the bidder:** In case the Bidder is an MSE, they must submit valid UDYAM certificate and declaration stating MSE status of the firm, on its company's letterhead. If the bidder does not furnish the required details in the tender, offer shall be processed by construing that the bidder is not falling under MSE category.

28. **Support to Start ups:** The Startup should be registered with DPIIT and produce documentary evidence for the same. The Government of India has ordered the following support to Start-ups (as defined by the Department of Promotion of Industrial and Internal Trade - DPIIT).
    Exemption from submission of Bid Security: Such Start-ups shall be exempted from payment of Earnest Money. They shall be required only to submit Bid Security Declaration.
    Relaxation in Prior Turnover and Experience: The Procuring Entity reserves its right to relax the condition of prior turnover and prior experience for start-up enterprises subject to meeting of quality & technical specifications. The decision of the Procuring Entity in this regard shall be final. Please be guided by the tender document.

29. **Compliance to Restrictions under Rule 144 (xi) of GFR 2017:** OM dad. 23.02.2023 of Department of Expenditure, Ministry of Finance, Govt. of India provides guidelines in terms of dealing with Bidders representing Countries sharing land border with India.

Additional Terms & Conditions (ATC)

Chapter – 8

Pre-Dispatch Inspection (PDI) / Pre-Acceptance Criteria

1. Acceptance Criteria

1.1. The Supplier shall submit all relevant technical documents pertaining to the proposed Chassis Dynamometer upgradation for review and verification by ICAT. Such documents shall include, but not be limited to, equipment specifications, system architecture, software and firmware details, licence information, configuration details, interface architecture, Bill of Materials (BOM), quality records, calibration procedures, inspection reports, validation records and other contractual deliverables.

1.2. Acceptance for dispatch shall be subject to verification by ICAT that the proposed Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Laboratory (VTL) fully complies with the Technical Specifications, Scope of Work, Acceptance Criteria, applicable regulations and all contractual requirements stipulated in the Tender Document.

1.3. Any deficiency, discrepancy, non-conformity, clarification, modification or corrective action identified by ICAT during document review and/or the Pre-Dispatch Inspection process shall be rectified by the Supplier at its own cost within the time frame stipulated by ICAT.

1.4. Compliance during Pre-Dispatch Inspection shall not absolve the Supplier from its responsibility to achieve successful installation, integration, commissioning, performance validation and Final Acceptance at ICAT.

2. Pre-Dispatch Inspection (PDI)

2.1. **General Requirements:** Prior to dispatch of equipment, software, firmware, licences and associated deliverables, ICAT reserves the right to conduct a Pre-Dispatch Inspection (PDI) at the OEM's manufacturing facility, integration facility, test facility or the Supplier's premises.

2.2. The Supplier shall demonstrate that the upgraded Chassis Dynamometer System, associated hardware, software, controllers, drives, automation systems, communication interfaces, safety systems and accessories fully comply with the Tender requirements and are suitable for integration with the existing and/or upgraded Automation System, Emission Measurement System, Vehicle Cooling Blower and associated laboratory infrastructure installed at ICAT.

2.3. **Non-Conformity and Corrective Actions:** Any defect, deficiency, discrepancy or non-conformity observed during the Pre-Dispatch Inspection shall be rectified by the Supplier at its sole cost and risk. All corrective actions shall be completed to the satisfaction of ICAT prior to dispatch. No extension of delivery schedule, additional payment or claim of whatsoever nature arising out of such corrective actions shall be admissible.

2.4. **Duration of Inspection:** The duration and extent of the Pre-Dispatch Inspection shall be mutually agreed between ICAT and the Supplier, considering the scope, complexity and criticality of the upgradation work.

2.5. **Limitation of PDI:** Successful completion, waiver or acceptance of any item during the Pre-Dispatch Inspection shall not constitute Final Acceptance and shall not prejudice ICAT's right to inspect, test, reject or seek rectification of any deficiency identified during delivery, installation, system integration, calibration, commissioning, validation, warranty period or subsequent operation of the upgraded system.

2.6. **Scope of Pre-Dispatch Inspection -** The Pre-Dispatch Inspection shall include, but shall not be limited to, verification of the following

- Chassis Dynamometer hardware proposed for upgradation;
- Controllers, drives, operating panels and associated subsystems;
- Automation hardware and software components;
- Communication and interface architecture;
- Vehicle Cooling Blower integration provisions;
- HOST communication and I/O interface functions;

- Software and firmware versions;
- Licence details and activation requirements;
- System configuration and integration methodology;
- Calibration methodology and arrangements;
- Engineering drawings and technical documentation;
- Safety interlocks, alarms and protection systems; and
- All contractual deliverables covered under the Scope of Work.

2.7. **Pre-Dispatch Inspection Activities -** The Pre-Dispatch Inspection shall, at a minimum, include the following activities

a) **Visual Inspection:** Verification of hardware, controllers, drives, operating panels, communication equipment, accessories and associated deliverables for completeness, workmanship and conformity with approved configuration.

b) **Technical Compliance Verification:** Verification of compliance with the approved Technical Bid, Technical Specifications, Scope of Work, Acceptance Criteria and contractual requirements.

c) **Verification of Bill of Materials (BOM):** Verification of BOM, equipment configuration, model numbers, software versions, firmware versions, licences and completeness of supply.

d) **Review of Quality Records:** Review of quality assurance records, inspection reports, factory test reports, calibration certificates, validation documents, software release notes and other applicable quality documentation.

e) **Functional Demonstration:** Functional demonstration of the upgraded Chassis Dynamometer System, including

- Road-load simulation functions;
- Control modes and operating features;
- Coast-down derivation and verification functions;
- Automation functions;
- Data acquisition and reporting functions;
- Communication and interface functions;
- Alarm and safety functions;
- Diagnostic features; and
- System monitoring capabilities.

f) **Software and Configuration Verification:** Verification of software and firmware versions, licence validity, communication settings, control logic, interface configuration and system architecture applicable to the upgraded system.

g) **Integration Readiness Verification:** Verification that the offered system is capable of integration with the Automation System, Emission Measurement System, Vehicle Cooling Blower and associated laboratory infrastructure as specified in the Tender.

h) **Review of Contractual Deliverables:** Review of all contractual deliverables including

- Operation & Maintenance Manuals;
- Installation Procedures;
- Calibration Procedures;
- Preventive Maintenance Instructions;
- Software and Licence Documentation;
- Warranty Documents;
- Test Reports;
- Validation Records; and
- Other technical documents specified under the Contract.

Additional Terms & Conditions (ATC)

3. Dispatch Clearance

3.1. Wherever stipulated by ICAT, dispatch of hardware, software, firmware, licences and associated deliverables shall be undertaken only after satisfactory completion of the Pre-Dispatch Inspection and issuance of written Dispatch Clearance by ICAT.

3.2. Issuance of Dispatch Clearance shall not relieve the Supplier of any responsibility relating to performance, compatibility, integration, installation, calibration, commissioning, validation, warranty support, statutory compliance or fulfilment of any other contractual obligation.

3.3. Dispatch Clearance shall merely indicate acceptance of the inspected configuration for dispatch and shall not be construed as Final Acceptance or waiver of any provision of the Contract.

4. Sign-Off

Role	Name / Designation	Signature	Date
Supplier Representative			
ICAT Representative			

Additional Terms & Conditions (ATC)

Chapter – 9

Final Acceptance Test (FAT) Criteria

1. Initial Verification and Acceptance Procedures

1.1. Upon completion of installation, integration and commissioning of the upgraded Chassis Dynamometer System of NVTC-2 Lab, ICAT shall conduct the following inspections and verifications in the presence of the Supplier before commencement of the Final Acceptance Test (FAT).

1.2. **Calibration Verification:** Verification of calibration certificates, calibration status and traceability records of all applicable measuring instruments, load cells, sensors, controllers, drives and associated equipment forming part of the upgraded system.

1.3. **On-Site Calibration and Validation:** Verification of calibration and validation activities carried out at site in accordance with OEM recommendations, applicable standards, contractual requirements and approved acceptance procedures.

1.4. **Hardware and Interface Verification:** Verification of all supplied hardware, controllers, drives, operating panels, remote-control systems, communication interfaces, cables, connectors, safety devices and associated accessories.

1.5. **Software and Automation Validation:** Verification of automation software, control logic, user functions, data acquisition capability, data storage, retrieval, reporting functions, communication interfaces, licence activation and system diagnostics.

1.6. **Electrical and Safety Verification:** Verification of electrical installations, power quality requirements, UPS provisions, protection systems, emergency stop functions, alarms, safety interlocks and satisfactory operation of the upgraded system.

1.7. **System Functional Verification:** Verification of all operational modes, road-load simulation functions, coast-down functions, data acquisition functions, communication functions, automation functions and associated interfaces to establish compliance with the Technical Specifications.

1.8. **Maintenance and Support Verification:** Verification and acceptance of the Supplier's calibration, preventive maintenance, warranty support and service-support plan applicable during the Warranty Period.

1.9. **Documentation Verification:** Verification of all submitted documents including operation manuals, maintenance manuals, calibration certificates, software licences, configuration records, warranty documents, training records and maintenance procedures.

1.10. **Regulatory and Functional Compliance Verification:** Demonstration that the upgraded Chassis Dynamometer System is capable of performing the applicable regulations, standards, drive cycles and test requirements specified under the Tender Document.

1.11. **Operational Demonstration:** Demonstration of the complete operational functionality of the upgraded Chassis Dynamometer System including road-load simulation, coast-down verification, automation functions, communication functions, reporting capability and overall system performance under representative operating conditions acceptable to ICAT.

2. Comprehensive System Performance Testing

2.1. Upon successful completion of the Initial Verification Activities, the Supplier shall undertake comprehensive performance evaluation and acceptance testing of the upgraded Chassis Dynamometer System.

2.2. The Supplier shall demonstrate satisfactory operation of all supplied hardware, software, firmware, controllers, drives, communication interfaces, automation functions, operating panels, remote-control systems and associated subsystems.

2.3. The Supplier shall establish compliance with the performance, functionality, accuracy, reliability, repeatability and operational requirements specified in the Tender Document.

2.4. The Supplier shall demonstrate successful integration of the upgraded Chassis Dynamometer System with

Additional Terms & Conditions (ATC)

- Existing and/or upgraded Automation System;
- Existing and/or upgraded Emission Measurement System;
- Vehicle Cooling Blower;
- HOST Computer and I/O Systems;
- Safety Systems and Interlocks; and
- Associated laboratory infrastructure.

2.5. Any defect, deficiency, malfunction, calibration discrepancy, communication issue, integration issue or non-conformity observed during the FAT shall be rectified by the Supplier at its own cost and the affected test(s) shall be repeated until satisfactory compliance is demonstrated.

3. Acceptance Testing of Auxiliary Systems and Interfaces

3.1. ICAT reserves the right to verify the performance and functionality of all associated equipment, software modules, communication interfaces, controllers, drives, automation systems, remote-control systems and ancillary devices connected to the upgraded Chassis Dynamometer System.

3.2. The Supplier shall demonstrate compliance with all specified performance, communication, functional, data acquisition, reporting, integration and operational requirements.

4. Final Acceptance Test (FAT) - Acceptance Parameters

Sl. No.	Description	Acceptance Criteria
1	Chassis Dynamometer Compatibility & Operation	Successful installation, integration, calibration, validation and commissioning of the upgraded Chassis Dynamometer System with the existing/upgraded Automation System, Emission System, Vehicle Cooling Blower, HOST Computer and associated infrastructure. Demonstration of stable, reliable and repeatable operation under applicable testing conditions.
2	Performance & Functional Validation	Successful demonstration of road-load simulation, coast-down verification, automation functions, communication functions, data acquisition, reporting functions, alarm systems, safety interlocks and system diagnostics in accordance with the Technical Specifications.
3	Documentation & Deliverables	Submission and acceptance of operation manuals, maintenance manuals, calibration procedures, software licences, configuration records, test reports, validation reports and all contractual documentation.
4	Training, Installation & Commissioning	Successful completion of installation, integration, calibration, commissioning and training of nominated ICAT personnel.
5	Long-Term Support Commitment	Submission of OEM undertaking confirming availability of technical support, software support, repair services and spare parts support for a minimum period of Ten (10) Years after expiry of the Warranty Period.
6	Final Acceptance	Successful completion of all contractual requirements, closure of observations, demonstration of compliance with Technical Specifications and satisfactory performance of the upgraded Chassis Dynamometer System.

Additional Terms & Conditions (ATC)

5. Deliverables to be Submitted upon Completion of FAT

The Supplier shall submit the following documents upon successful completion of FAT:

- Final FAT Report/Checklist duly signed by authorised representatives of ICAT and the Supplier;
- Corrective Action Report, wherever applicable;
- Installation, Commissioning, Calibration and Validation Reports;
- Operation and Maintenance Manuals (Hard Copy and Soft Copy);
- Training Completion Report;
- Calibration Certificates and Traceability Records;
- Software Licences, Configuration Files, Backup Files, Passwords and Recovery Information, wherever applicable;
- Standard Operating Procedures (SOPs) for operation, calibration, maintenance, backup and restoration;
- System Configuration Documents and Interface Architecture Details;
- Service Support and Escalation Matrix;
- Recommended Spare Parts and Consumables List with Part Numbers; and
- Preventive Maintenance Schedule for the Warranty Period.

6. General Notes

6.1. The FAT shall focus on validation of system performance, functional capability, automation functions, software operation, communication capability, data acquisition, reporting functions and overall operational reliability under actual site conditions.

6.2. All calibration, safety, integration and operational checks shall be successfully completed prior to commencement of FAT.

6.3. The Supplier shall provide adequate technical manpower, calibrated instruments, software support, calibration support, training support and documentation support throughout the FAT process.

6.4. The FAT shall be deemed successfully completed only upon achievement of all acceptance criteria specified in this Chapter and the Tender Document.

6.5. Issue of the Final Acceptance Certificate shall be subject to successful completion of FAT, submission of all contractual deliverables, closure of all observations and satisfaction of ICAT regarding compliance with all contractual requirements.

7. Issue of Final Acceptance Certificate (FAC)

7.1. Upon successful completion of the Final Acceptance Test, closure of all observations, submission of all contractual deliverables and fulfilment of all contractual obligations, ICAT shall issue the Final Acceptance Certificate (FAC).

7.2. The date of issuance of the Final Acceptance Certificate shall be treated as the date of Final Acceptance under the Contract.

7.3. The Twenty-Four (24) Months Comprehensive On-Site Warranty Period shall commence from the date of issuance of the Final Acceptance Certificate.

8. Sign-Off

Role	Name / Designation	Signature	Date
Supplier Representative			
ICAT Representative			

Additional Terms & Conditions (ATC)

Form "I"

Performa for Performance Bank Guarantee

(To be executed on non-Judicial stamped paper of an appropriate value)

WHEREAS International Centre for Automotive Technology having its office at Plot – 26, Sector - 3, IMT, Manesar, Gurugram – 122 050 (hereinafter referred to as "**The Owner**" which expression shall unless repugnant to the context includes their legal representatives, successors and assigns) and having their Corporate office at Plot No. 1, Sector – M11, Near Maruti Gate No. 4, IMT Manesar, Gurugram 122050 , has executed a contract on [*Please insert date of execution of Contract*] ("**Contract**") with [*insert name of the Successful Bidder*] ……(hereinafter referred to as the "**Contractor**" which expression shall unless repugnant to the context include its legal representatives, successors and permitted assigns) for the performance, execution and implementation of the Works ("**Works**" shall have the meaning ascribed to it in the Contract] based on the terms & conditions set out in the Tender Documents number [*insert reference number of the Tender Documents*]dated [*insert date of issue of Tender Documents*]…….and various other documents forming part thereof.

AND WHEREAS one of the conditions of the Contract is that the Contractor shall furnish to the Owner a Bank Guarantee from a scheduled bank in India having a branch at Manesar for an amount equal to **5% (five percent)** of the total Contract Sum (the amount guaranteed under this bank guarantee shall hereinafter be referred to as the "**Guaranteed Amount**") against due and faithful performance of the Contract from the post-commissioning stage of the Works under the Contract, including the performance bank guarantee obligation and other obligations of the Contractor for the supplies made and the Works being performed and executed by under the Contract. This bank guarantee shall be valid from the date hereof up to the expiry of the Warranty Period including any extension thereof.

AND WHEREAS the Contractor has approached [*insert the name of the scheduled bank*] (here in after referred to as the "**Bank**") having its registered office at [*insert the address*]……and at the request of the Contractor and in consideration of the promises made by the Contractor, the Bank has agreed to give such guarantee as hereunder:-

(i) The Bank hereby undertakes to pay under this guarantee, the Guaranteed Amount claimed by the Owner without any further proof or conditions and without demur, reservation, contest, recourse or protest and without any enquiry or notification to the Contractor merely on a demand. Any such demand made on the Bank by the Owner shall be conclusive as regards the amount due and payable by the Bank under this bank guarantee and the Bank shall pay without any deductions or set-offs or counterclaims whatsoever, the total sum claimed by the Owner in such Demand. The Owner shall have the right to make an unlimited number of Demands under this bank guarantee provided that the aggregate of all sums paid to the Owner by the Bank under this bank guarantee shall not exceed the Guaranteed Amount.

(ii) However, the Bank's liability under this bank guarantee shall be restricted to an amount not exceeding [*figure of Guaranteed Amount to be inserted here*]……only).

(iii) The Owner will have the full liberty without reference to the Bank and without affecting the bank guarantee to postpone for any time or from time to time the exercise of any powers and rights conferred on the Owner under the Contract and to enforce or to forbear endorsing any powers or rights or by reasons of time being given to the Contractor which under law relating the Surety would but for the provisions have the effect of releasing the surety.

(iv) The rights of the Owner to recover the Guaranteed Amount from the Bank in the manner aforesaid will not be affected or suspended by reasons of the fact that any dispute or disputes have been raised by the Contractor and / or that any dispute(s) are pending before any office, tribunal or court in respect of such Guaranteed Amount and/ or the Contract.

Additional Terms & Conditions (ATC)

(v) The guarantee herein contained shall not be affected by the liquidation or winding up, dissolution, change of constitution or insolvency of the Contractor but shall in all respects and for all purposes be binding and operative until payment of all money due to the Owner in respect of such liability or liabilities is affected.

(vi) This bank guarantee shall be governed by and construed in accordance with the laws of the Republic of India and the parties to this bank guarantee hereby submit to the jurisdiction of the Courts of New Delhi for the purposes of settling any disputes or differences which may arise out of or in connection with this bank guarantee and for the purposes of enforcement under this bank guarantee.

(vii) All capitalized words used but not defined herein shall have the meanings assigned to them under the Contract.

NOTWITHSTANDING anything stated above, the liability of the Bank under this bank guarantee is restricted to the Guaranteed Amount and this bank guarantee shall expire on the expiry of the Warranty Period under the Contract. Unless a Demand under this bank guarantee is filed against the Bank within six (6) months from the date of expiry of this bank guarantee all the rights of the Owner under this bank guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities hereunder. However, if the Contractor's obligations against which this bank guarantee is given, are not completed or fully performed by the Contractor within the period prescribed under the Contract, the Bank hereby agrees to further extend the bank guarantee for further periods of six months each till the Contractor fulfills its obligations under the Contract.

We have the power to issue this bank guarantee in your favor under Memorandum and Article of Association and the Undersigned has full power to do so under the Power of Attorney dated [*date of power of attorney to be inserted*] ……granted to him by the Bank.

Date:
Bank
Corporate Seal of the Bank
By its constituted Attorney Signature of a person duly authorized to sign on behalf of the Bank.

Additional Terms & Conditions (ATC)

Form "II"

Bidder Information Checklist (Information/Documents to be submitted along with the Bid)

1	Name of the Bidder	
2	Address of the Bidder	
3	Contact Details of the Bidder	
	Telephone No. With STD Code	
	Fax No.	
	Mobile No.	
	E-mail ID	
	Website, if any	
4	Name of Proprietor/Partners/Directors of Firm/Agency	
5	Bidder Bank Details:	
	Name of Account Holder	
	Complete A/c No. (Current/Savings)	
	Name of Bank	
	Name of the Branch with Complete Address	
	IFS Code of the Branch	
	9 Digit MICR Code of the Branch	
6	Registration and Incorporation Particulars of the bidder indicating legal status such as Company, partnership/proprietorship concern, etc (Please attached copies of the relevant documents/certificates)	
7	GST Registration Details	
8	Copies of Permanent Income Tax Number (PAN)/Income Tax Circle	
9	Copies of Income Tax Returns Filed for the Last Three Financial Years should be attached	
10	Annual Turnover for the Last Three Years *(Audited A/c Statements such as Profit & Loss A/c, Balance Sheets, etc for the last three financial years should be attached or Form XVI)*	
11	Original Copy of Authorization In Favor of Bidder From Manufacturer (OEM) Against this Tender Valid Throughout the Contract Period, in case the firm is not a	

Additional Terms & Conditions (ATC)

	manufacturer of the item *(As per format given in Form "VII")*.	
12	Proof of experience in supplying to State/Government Departments/PSUs/Autonomous Bodies/Reputed Private Institutions (Copies of Purchase Orders received from Central/State Departments/Ministries of the Government of India/PSUs/Autonomous Bodies/Reputed Private Institutions during the last there years should be enclosed). *As per format given in Form "XIV"*	
13	Declaration regarding blacklisting or otherwise by the government departments as given in *"Form III"*	
14	The ATC (Additional Terms and Conditions document (all pages) duly signed and stamped as proof of having read the contents therein and in acceptance thereof should be enclosed	
15	Any other information document: Please specify	

Authorised Signatory

Date:

Additional Terms & Conditions (ATC)

Form "III"

Undertaking Regarding Blacklisting /Non-Debarment

(To be submitted on the Bidder's Letter Head)

To,
The Director,
International Centre For Automotive Technology
Plot No. 26, Sector – 3, Near HSIIDC Office
IMT Manesar, Gurugram 122050 (Haryana – India)

We hereby confirm and declare that we, M/s---------- is not blacklisted/De-registered/debarred by any Government department/ Public Sector Undertaking/ Private Sector/ or any other agency for which we have executed/undertaken the works/services during the last 3 Years.

For…….

Authorised Signatory

Date:

Additional Terms & Conditions (ATC)

Form "IV"

Format of Declaration In Lieu of EMD/Bid Security

(To be submitted on the Bidder's Letter Head)

To,
The Director
International Centre For Automotive Technology
Plot No. 26, Sector – 3, Near HSIIDC, IMT Manesar
Gurgaon – 122050

Reference: Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana) Under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238.

Sir/Madam,

We, the undersigned, solemnly declare that:

We understand the according to the conditions of this Tender Document, they must be supported by a Bid Securing Declaration In lieu of Bid Security/Earnest Money Deposit (EMD).

We unconditionally accept the conditions of this Bid Securing Declaration. We understand that we shall stand automatically suspended from being eligible for bidding in any tender in Procuring Organization for **1 Year (12 Months)** from the date of opening of this bid if we breach our obligations under the tender conditions if we:

1. Withdrawn/Amend/Impair/Derogate, in any respect, from our bid, within the bid validity or
2. Being notified within the bid validity of the acceptance of our bid by the Procuring Entity:
   a) Refused to or failed to produce original documents for scrutiny or the required Performance Security within the stipulated time under the conditions of the Tender Document.
   b) Fail or refuse to sign the contract.

We know that this bid Securing Declaration shall expire if the contract is not awarded to us, upon:

1. Receipt by us for your notification
   a) of cancellation of the entire tender process or rejection of all bids or
   b) of the name of the successful bidder or
2. Forty-Five days after the expiration of the bid validity period or any extension to it.

(Authorised Signatory)

(Name and Designation)
Duly Authorized to Sign the Bid for and on behalf of (Name & Address of Bidder and Seal of Company)
Date on …….. day of ……
Place……

Additional Terms & Conditions (ATC)

Form "V"

Earnest Money Deposit

(To be Submitted on the Bidder's Letter Head)

Date: _____

To,
The Director,
International Centre for Automotive Technology
Plot – 26, Sector – 3, IMT, Manesar,
Gurugram – 122050 (Haryana)

Re: Tender No._____

We hereby enclose NEFT/RTGS UTR No. _____, dated _____, for Indian Rupees _____ Only (to be filled in figures and words both), drawn on _____, in favor of "International Centre for Automotive Technology", payable at Manesar, India.

OR

We hereby enclose Earnest Deposit Money Bank Guarantee for Rs. _____ [amount to be filled in figures and words both] issued by _____ [Name of the Bank], on _____[Insert date of issue] valid up to _____.

Name of Bidder **Signature of Authorized Representative**

Additional Terms & Conditions (ATC)

Form "VI"

Declaration In Respect of Conflict of Interest

(To Be Submitted on Bidder's Letter Head)

Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238

Tender Detail: Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana).

Sl. No.	Particulars			
1	**Name of Firm**			
2	**Office Address Phone No. Fax No. Email ID**			
3	**Works Address as per Vendor Registration Phone No. Fax No. Email ID**			
4	**Type of Firm**	Private Limited Company/Public Limited Company/Limited Liability Partnership (LLP)/Partnership Firm/Proprietor Firm ***(Tick whichever is applicable)***		
5	**CIN/L L P I N o f Firm**			
6	**GST No. of Firm**			
7	**Names of all Directors/LLP Partners/Partners/Proprietors of Bidder Firm with DIN (if any) and full address (as on the bid submission date)**			
	SI No.	**Full Name**	**DIN**	**Full Residential Address**
	1			
	2			
	3			
	4			
	5			

The details of Legal Representative/Agent of the Bidder Firm areas Under:

Full Name of Legal Representative/ Agent	
Whether employee of Bidder-Firm or not? (Yes/No)	
Designation	
Office Address	
Office Land-Line Nos.	
Mobile No.	
Email ID	

Additional Terms & Conditions (ATC)

Whether acting as Legal Representative / Agent in any other Private Limited Company or Public Limited Company or Limited Liability Partnership (LLP) or Partnership Firm or Proprietor Firm? If yes, give names.	

WE HEREBY DECLARE AND CONFIRM THAT no bid has been submitted for the quoted item by any other Private Limited Company or Public Limited Company or Limited Liability? partnership (LLP) or Partnership Firm or Proprietor Firm in which any relative of any Director or Partner or Proprietor of Bidder Firm is a Director, Partner or Proprietor. The word "*relative*" is defined as under:

The Companies Act, 2013 Sec 2(77) "relative", with reference to any person, means anyone who is related to another, if—

(1) They are members of a Hindu Undivided Family.

(2) They are spouses; or

(3) A person shall be deemed to be the relative of another, if they are related to another in the following manner, namely: -

a. Father including Stepfather,

b. Mother including Stepmother,

c. Son including Stepson,

d. Son's wife,

e. Daughter,

f. Daughter's husband,

g. Brother including stepbrother,

h. *Sister including stepsister.*

WE FURTHER DECLARE THAT we have carefully read and understood the clause relating to 'Conflict of Interest' of Tender No. _____. The detailed Clause is as under:

"A bidder shall not have conflict of interest with other bidders for quoted item. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process for quoted item, if:

a) They have proprietor/partner(s)/Director(s)in common; or

b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or

c) they have the same legal representative/agent for purposes of this bid; or

d) they have relationships with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or

e) Bidder participates in more than one bid in this bidding process. Participation by a bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/

Additional Terms & Conditions (ATC)

sub-assembly/ assemblies from one bidding manufacturer in more than one bid.

f) *in cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/ dealer. There can be only one bid from the following:*

1. *The principal manufacturer directly or through one Indian agent on his behalf; and*
2. *Indian/foreign agent on behalf of only one principal.*

g) *a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid.*

h) *In case of a holding company that has more than one independent manufacturing unit or more than one unit having common business ownership / management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business.*

i) *Bidder shall not act in contravention/ violation to the provisions of competition act, as amended from time to time.*

We hereby certify that our Firm M/s. _____do not have any conflict of interest with other bidders for this tender.

Weherebydeclareandconfirmthattheaboveinformationandparticularsaretrueand correct.

For (Firm Name)

Authorized Signatory
Authorized Signatory Name:
Place:
Date:
Stamp/Seal of Firm

Additional Terms & Conditions (ATC)

Form "VII"

OEM Authorization Certificate

(To be Submitted on OEM Letterhead)

Date:

To
The Director,
International Centre for Automotive Technology (ICAT),
Plot No. 26, Sector 3, IMT Manesar

Gurugram – 122050, Haryana, India.

Subject: OEM Authorization Certificate for Participation in Tender for "Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana) Under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238".

Dear Sir/Madam,

We, **[OEM's Company Name]**, having our registered office at [OEM's Address], hereby authorize M/s [Bidder's Company Name], having its office at [Bidder's Address], to participate in the above-mentioned tender and to offer and supply our products, spares, and services as specified in the tender documents issued by ICAT.

This authorization is granted for the specific purpose of enabling M/s [Bidder's Company Name] to:

- Offer and supply genuine products and spares manufactured by us.
- Carry out installation, testing, commissioning, maintenance, and/or reconditioning services related to our equipment.
- Provide after-sales support, including warranty, repair, and service obligations as applicable under the scope of the tender.

We confirm that:

1. M/s [Bidder's Company Name] is our subsidiary/authorized dealer/reseller/partner for the following product line(s):
2. List of OEM-authorized equipment, systems, software, controllers, drives, automation systems, spare parts and technical support services related to AVL Make Chassis Dynamometer Systems, Test Cell Automation Systems, Dynamometer Drive Systems, Emission Measurement Systems, Vehicle Cooling Blowers, Engine Dynamometers, Chassis Dynamometers, PEMS, Transient Dynamometer Systems and other associated automotive testing equipment for which the Bidder is authorized to supply, install, integrate, commission, maintain and support.
3. The products and services offered by them shall be genuine, OEM-approved, and sourced directly through us or our authorized supply channels.
4. We shall extend all necessary technical support, spare parts supply, documentation, and warranty backing to **M/s [Bidder's Company Name]** for fulfilling their contractual obligations arising out of this tender, during both execution and warranty periods.
5. This authorization shall remain valid from **[Start Date] to [End Date]**, unless earlier revoked by the OEM in writing with prior notice to ICAT.

We confirm that the authorization is being issued solely for the purpose of this specific tender and shall not be construed as a general appointment unless expressly stated.

Additional Terms & Conditions (ATC)

We request you to consider this certificate as part of the technical bid submitted by **M/s [Bidder's Company Name].**

For and on behalf of [OEM's Company Name]

Authorized Signatory: _____

Seal & Signature:

Date: [Insert Date]
Place: [Insert Place]

Additional Terms & Conditions (ATC)

Form "VIII"

Declaration and Undertaking from Original Equipment Manufacturer (OEM)

(To be submitted Original on the OEM Letter Head)

Date: _____

To,
The Director,
International Centre For Automotive Technology (ICAT)
Plot No. 26, Sector – 3, Near HSIIDC,
IMT Manesar, Gurgaon 122050 (Haryana)

Sub: End-of-Life/End-of-Sale Undertaking by Original Equipment Manufacturer for "Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre – 1, Manesar (Haryana) Under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238".

Dear Sir/ Madam, I/We, M/s _____(Name of the OEM) having registered office at _____ (address of the manufacturer) by virtue of being original equipment manufacturer for the _____ (Name of the product/s).

We hereby confirm the following points.

1. Parts supplied by us are certified and compatible with the solution offered.
2. Parts supplied and available are not declared as End-Of-Life/EOS for next *10 Years* from the date of acceptance. After installation, if such parts are found End-Of-Life, then it will be our responsibility to replace with newer and higher compatible parts along with implementation at no cost to the *"International Centre For Automotive Technology (ICAT)"* during the warranty period i.e., *2 Years (24 Months)*.

The undersigned is authorized to issue such authorization on behalf of M/s _____ (Name of the manufacturer).

For M/s _____(Name of the manufacturer)

Authorised Signatory Signature & Company Seal
Name Designation
Email
Mobile No.

Additional Terms & Conditions (ATC)

Form "IX"

Undertaking For Product/Service Compliance

(To be submitted on Bidder's Letter Head)

Date:_____

To,
The Director,
International Centre For Automotive Technology
Plot No. 26, Sector – 3, Near HSIIDC
IMT Manesar, Gurgaon 122050 (Haryana)

Sub: Undertaking for Product/Service Compliance

Dear Sir/ Madam,

I/We, [Bidder/Seller's Name] hereby undertake that all the Products/Services offered in response to the tender fully comply with the specifications or requirements mentioned in the tender document. We confirm that the offered products/services meet the technical requirements, standards, and features outlined in the tender. In case of any deviations, we commit to notifying the buyer and obtaining approval before the delivery of products.

Date: _____

Signature of Authorized Signatory: _____

Name and Designation: _____

Seal: _____

Additional Terms & Conditions (ATC)

Form "X"

Undertaking

(To be submitted on Bidder's Letter Head)

This is to certify that we have carefully gone through the scope of work, job requirement, terms and conditions given in the tender documents & have clearly understood the terms and conditions of the tender and have accordingly quoted our best rates after going through all details. We hereby given an undertaking that we shall the material & services in accordance with your *Tender Document No. ICAT/GeM/VTL/UPT-CHSDYNO/2026-27/238* as per the requirement during the period of contract.

Dated:
Place:

(Authorised Signatory Signature with Company Seal)

Additional Terms & Conditions (ATC)

Form "XI"

No Deviation Declaration

(To be submitted on Bidder's Letter Head)

Date: _____

To,
The Director,
International Centre For Automotive Technology
Plot No. 26, Sector – 3, Near HSIIDC
IMT Manesar, Gurgaon 122050 (Haryana)

Subject: No Deviation Declaration for "Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana) under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238".

Dear Sir/Madam,

We, M/s _____, hereby certify and declare that our Bid has been submitted in complete and unconditional conformity with the Scope of Work, Detailed Technical Specifications, Special Conditions of Contract, General Terms and Conditions, Acceptance Criteria, Completion Schedule, Warranty Requirements and all other provisions stipulated in the Tender Document, including all corrigenda, addenda and clarifications issued thereto.

We further confirm that the equipment, systems, hardware, software, firmware, licences, controllers, drives, automation systems, interfaces, accessories and services offered by us fully comply with the requirements of the Tender Document and that no deviation, exception, exclusion, qualification, reservation, assumption or counter-condition has been taken in our Bid.

We have carefully examined and understood all technical, commercial and contractual requirements of the Tender Document and hereby convey our unconditional acceptance thereof.

We understand and agree that any deviation, qualification, exclusion or condition identified in our Bid, but not specifically disclosed in the prescribed manner, may render our Bid technically non-responsive and liable for rejection. If any statement made in this declaration is found to be false, incorrect or misleading at any stage, ICAT shall be entitled to take appropriate action in accordance with the Tender conditions and applicable procurement provisions.

This declaration shall form an integral part of our Bid and shall remain binding upon us throughout the Bid validity period and, upon award, during the entire Contract Period.

Yours faithfully,

For and on behalf of M/s: _____
Authorized Signatory: _____
Name: _____
Designation: _____
Email: _____
Mobile No.: _____
Date: _____
Place: _____

Additional Terms & Conditions (ATC)

Form "XII"

Pre-Bid Queries / Suggestions for Clarifications, Deviations and Modifications

(To be submitted on the Bidder's Letter Head)

Bidders may submit their pre-bid queries, requests for clarification, or suggestions for modification/improvement in respect of the Tender Document for ICAT's consideration. Such queries or suggestions shall be specific, concise, relevant, and submitted in the format prescribed below. Submission of a query, clarification request, deviation, or suggestion shall not be construed as acceptance by ICAT, and ICAT reserves the right to accept, reject, modify, or disregard any such request at its sole discretion without assigning any reason. In case the Bidder has no query, clarification, deviation, or suggestion to offer, the Bidder shall clearly mention "No Queries / No Deviation Suggested" in this Form.

Sl. No.	Clause No.	Existing Provision	Query/Suggestion

We hereby confirm that the above queries, clarifications, deviations, or suggestions have been submitted solely for the purpose of seeking clarification and/or suggesting improvements in the interest of effective contract execution. We further understand and accept that ICAT shall have the sole right to consider and decide upon such submissions, and any matter not specifically accepted by ICAT through the Pre-Bid Meeting Minutes, Corrigendum, Addendum, or Amendment to the Tender Document shall be deemed as not accepted.

Signature of Authorized Signatory with Stamp

For M/s _____

Signature & company seal
Name Designation
Email
Mobile No.

Additional Terms & Conditions (ATC)

Form "XIII"

Undertaking For Non-Subcontracting

(To be submitted Original on Bidder's Letter Head)

Date:_____

To,
The Director,
International Centre For Automotive Technology
Plot No. 26, Sector – 3, Near HSIIDC
IMT Manesar, Gurgaon 122050 (Haryana)

Sub: Undertaking for Non-Subcontracting

Dear Sir/Ma'am,

I/We, [Bidder/Seller's Name], hereby undertake not to subcontract any aspect of the contract, including the supply and installation, without obtaining prior written consent from the buyer. We understand that failure to seek approval for subcontracting may result in disqualification from the bidding process.

Date: _____

Signature of Authorized Signatory: _____

Name and Designation: _____

Seal: _____

Additional Terms & Conditions (ATC)

Form "XIV"

Details of Contracts

(To be submitted on Bidder's Letter Head)

Details of contracts with Central Govt./State Govt./PSUs/Autonomous Bodies & Reputed Private Firms in India or Abroad managed by the Bidder or its proposed OEM during the last *Five (5) Years* in the following format (attested copies of the PO's and completion certificates may been closed).

SI No.	Details of client along with address, contact details (telephone, email, website, fax etc.)	Contract Value (INR)	Duration of contract	
			Order Received Date	Project Completion Date
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

(If the space provided is insufficient, a separate sheet may be attached)

Authorised Signatory Signature

Date: **Name:**

Place: **Seal:**

Additional Terms & Conditions (ATC)

Form "XV"

Declaration by the Bidder for Code of Integrity

(To Be Submitted on Bidder's Letter Head)

Date _____

To,
The Director,
International Centre For Automotive Technology (ICAT),
Plot No. 26, Sector – 3, Near HSIIDC Office
IMT Manesar, Gurugram – 122050 (Haryana)

Dear Sir,

We, [Name of the Bidder], hereby solemnly affirm and declare that:

1. We have not engaged in any corrupt, fraudulent, collusive, coercive, or undesirable practices in competing for or in executing the contract for "Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana) under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238".
2. We have complied with all applicable laws, regulations, and guidelines including the General Financial Rules (GFR) and relevant procurement manuals issued by the Government of India.
3. We declare that no undue influence or payments have been made or promised to any official or employee of the Procuring Entity in connection with this tender.
4. We understand and agree that violation of this declaration shall result in rejection of our bid, termination of the contract, and/or legal actions as deemed appropriate by the Procuring Entity.
5. We commit to uphold integrity and transparency throughout the tendering process and contract execution.

Thanking you,

Yours faithfully,

[Signature of Authorized Signatory]
[Name of Authorized Signatory]
[Designation]
[Company Seal]
[Date]

Additional Terms & Conditions (ATC)

Form "XVI"

Format for Annual Turnover

(To be submitted on letter head of Chartered Accountant along with their UDIN)

Ref: Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana) under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238.

Annual Turnover Declaration

The Annual Turnover to be provided in the following format for the 3 (Three) Financial Years.

Financial Information (in INR)			
Financial Year	2023-24	2024-25	2025-26
Annual Turnover (In Lakhs)			
Average Annual Turnover:			
Note: Annual turnover should be certified by Chartered Accountant/Statutory Auditors.			

Certificate from the Chartered Accountant/Statutory Auditor

This is to certify that_____(Name of the Bidder) had a turnover as shown above against the respective financial years.

Name of the audit firm:
Seal of the audit firm:
Membership No. of Chartered Accountant:

UDIN:

Date:

(Signature, Name and Designation of the Chartered Accountant)

Note:

1. *The details submitted by the Bidder in "Form II" must be corrected and submitted by the bidder with UDIN. "Form XVI" submitted without valid UDIN shall not be considered.*
2. *Average annual turnover over the last three years (i.e. 2023-24, 2024-25 & 2025-26) shall be min. INR 10 Crores.*
3. ***Financial turnover:** Financial statement / certificate duly signed and stamped from authorized Chartered Accountant with **UDIN No***

Additional Terms & Conditions (ATC)

Form "XVII"

Declaration regarding "Restrictions on Procurement from a Bidder of a Country Which Shares a Land Border with India".

(To Be Submitted on Bidder's Letter Head)

Date:_____

To,
The Director,
International Centre For Automotive Technology
Plot – 26, Sector – 3, Near HSIIDC Office
IMT Manesar, Gurgaon 122050

Dear Sir,

With reference to our bid proposal for participation in ICAT tender for "Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana) under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238", I/we hereby confirm that, I/We have read the clause as mentioned in the tender document mentioned above regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries.

I/Wecertifythatwe/ourCollaborator/JVPartner/Consortiummember/Assigneeare/is not from such a country or, if from such a country, have/has been registered with the Competent Authority and we will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.

We hereby certify that we fulfil all requirements in this regard and are eligible to be considered.

We further confirm that evidence of valid registration by the Competent Authority for us/our Collaborator/JV Partner/Consortium member/Assignee, as applicable, is enclosed as Annexure.

*Bidder to strike-off, if not applicable.

**Bidder to mention the Annexure no.

Date:_____

Place:_____

Seal of Organization & Signature of Authorized Signatory

Additional Terms & Conditions (ATC)

Form "XVIII"

Certificate Regarding Declaration of Local Content

(To Be Submitted on Bidder's Letter Head)

Date:_____

To,
The Director,
International Centre For Automotive Technology
Plot No. 26, Sector – 3, Near HSIIDC Office
IMT Manesar, Gurgaon – 122050 (Haryana)

Sub: Compliance of Minimum Local Content Requirement as mentioned in Ministry of Commerce and Industry Trade and order no. P-45021/2/2017-PP(BE-II) dated 4th June' 2020

Ref: Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana) under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238.

We hereby certify that the quoted items offered by us against above Enquiry No. is having local content of ……...%.

Further, to certify that the local content % certified above is in line with definition of Local content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 and we qualify as Class –…… (Class-I/ Class-II/Non-Local supplier - as applicable) local supplier.

We further confirm that details of location at which the local value addition is made is at …… …… …… …….. (Bidder's / OEM's Manufacturing works)

Country of Origin from OEM: ……
(For items sold by bidder as reseller, OEM certificate for Country of Origin to be submitted.)

We confirm the following for the current tender:

1. Repackaging/ Refurbishment/ Rebranding of imported products has not been considered for calculation of local content or Domestic Value Addition (DVA). That the cost of imported items sourced locally from resellers/ distributors and cost of license/royalty paid/technical expertise cost etc. source from outside of India has been excluded from the local content, as mentioned in 3(d) of PPP-MII order Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT.
2. For contracts involving supply of multiple items, weighted average of all items has been taken while calculating the local content.
3. We understand, for this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local Supplier/ Non-local supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.
4. We understand that we have to give a self-certification regarding local content wherever the tender value is up to Rs 10 crores. In case the tender value is more than INR 10 Crores, we shall be required to provide a certificate from the 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. In both cases, the certification has to be provided by us during bid submission.

5. We also understand that false declaration will be in breach of Code of Integrity under the rule 175(1)(i)(h) of the General Finance Rules for which the bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Finance Rules along with such other actions as may be permissible under the law.
6. That in case we are the successful bidder and the contract value of the order awarded to us is more than Rs 10 crores, we will provide local content certification duly certified by cost/ chartered accountant in practice during execution of the contract. That a penalty up to 10% of the contract value may be imposed on us during execution, in case we do not meet the stipulated local content during the execution of the contract. We are also aware that the contract awarded to us will not be terminated on this account.
7. We hereby declare that the details furnished above are true and correct to the best of our knowledge and belief and we undertake to inform you of any changes therein, immediately. In case any of the above information is found to be false or untrue or misleading or misrepresenting, we are aware that we may be held liable for it.

Thanking you,

Yours faithfully,

(Authorised Signatory, Date & Seal)

Note: *Bidders to note that in case above certification given by a bidder, whose bid is accepted, is found to be false, then this would be ground for penal action and for taking further action in accordance with law and as per extant guidelines.*

Additional Terms & Conditions (ATC)

Form "XIX"

Declaration to be provided by MSE bidder

(To Be Submitted on Bidder's Letter Head)

Date:_____

To,
The Director,
International Centre For Automotive Technology (ICAT)
Plot No. 26, Sector – 3, Near HSIIDC Office
IMT Manesar, Gurgaon – 122050 (Haryana)

Sub: MSE Declaration

Ref: Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana) under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238.

With reference to above GeM bid, we M/s …….. (Bidder's Name) confirm/declare the following:

1. Our MSE Category: ……...
2. Details of the MSE category are as under: We furnish the following details & submit documentary **evidence/ Govt. Certificate etc. in support of the same along with our techno-commercial offer.**

Udyam No	Type Under MSE	SC/ST Owned	Women Owned	Others (Excluding SC/ST & Women Owned)
	Micro			
	Small			

Thanking You,

Yours Faithfully,

(Signature, Date & Seal of Authorized Signatory of the Bidder)

Note: Bidders to note that in case above certification given by a bidder, whose bid is accepted, is found to be false, then this would be ground for penal action and for taking further action in accordance with law and as per extant guidelines.

Additional Terms & Conditions (ATC)

Form "XX"

Price Reasonability Declaration Letter

(To Be Submitted on Bidder's Letter Head)

To
The Director,
International Centre for Automotive Technology (ICAT),
Plot No. 26, Sector 3, Near HSIIDC Office,
IMT Manesar, Gurugram – 122050, Haryana (India).

Subject: Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana) under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238.

Dear Sir/Madam,

We, M/s _____ (Name of Bidder), having our registered office at _____, do hereby certify and declare as under:

1. That the prices/rates quoted by us in response to the above-mentioned tender for "Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana) under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238" are **exclusive to the International Centre for Automotive Technology (ICAT)**.
2. That the prices offered are **not higher than those charged** to any other Government Department, Public Sector Undertaking (PSU), Autonomous Body, or reputed private automotive testing agency for similar goods or services, in the **recent past**.
3. That we have extended the **maximum applicable discount** to ICAT and hereby confirm that the price quoted to ICAT is the **lowest** offered by us to any of the institutions or organizations as mentioned above for comparable goods/services.
4. That in the event it is discovered at any stage during the currency of the contract that we have supplied the same or substantially similar goods/services to any other Government/PSU/Autonomous Body/Private Automotive Testing Agency at a **lower price**, we agree and undertake that ICAT shall, at its sole discretion, be entitled to exercise any one or more of the following remedies, without prejudice to its other legal rights or remedies:
   - Demand and recover the differential amount from us by way of refund or adjustment.
   - Cancel the purchase order in full or in part, without any liability on the part of ICAT.
   - Debar/blacklist us from participation in future tenders or procurement processes of ICAT.
   - Initiate appropriate legal proceedings under applicable laws for misrepresentation or breach of declaration.

We understand and accept that this declaration is a binding commitment forming an integral part of our bid, and any violation may result in appropriate penal or legal action.

Thanking you,

Yours faithfully,
For and on behalf of M/s _____
Authorized Signatory: _____
Name& Designation: _____
Seal of the Bidder: _____
Date& Place: _____

Additional Terms & Conditions (ATC)

Form "XXI"

Technical Compliance Checklist

(To Be Submitted on Bidder's Letter Head)

Tender Reference: Upgradation of Chassis Dyno of NVTC-2 Lab in Vehicle Testing Lab (VTL) at ICAT Centre-1, Manesar (Haryana) under Tender No. ICAT/GeM/VTL/UPG-CHSDYNO/2026-27/238

Sl. No.	Requirement	Minimum Requirement	Proposed Specification (Bidder to Fill)	Complied (Yes/No)	Remarks
1	**Regulatory Compliance**	System shall be capable of performing and supporting all applicable regulations, standards and test cycles specified in the Tender Document, including European, Indian, US and other applicable regulatory requirements.	Specify		
2	**Chassis Dynamometer Upgradation**	Complete upgradation of the existing Chassis Dynamometer System, including controllers, drives, automation hardware, software and associated subsystems as specified in the Tender.	Specify		
3	**Automation Hardware & Software**	Latest OEM-supported automation hardware and software compatible with Windows 11 or higher operating platform.	Specify		
4	**Software/Firmware Support**	Latest OEM-supported software, firmware, drivers, utilities and licences shall be provided along with future software support and critical updates.	Specify		

Additional Terms & Conditions (ATC)

5	**System Compatibility & Integration**	Complete compatibility and integration with existing/upgraded Emission System, Automation System, Vehicle Cooling Blower, HOST Computer and associated infrastructure installed at ICAT.	Specify		
6	**Road Load Simulation Functions**	System shall support road-load simulation, speed control, force control, acceleration, deceleration and other operating modes specified in the Tender.	Specify		
7	**Coast-Down Capability**	System shall support coast-down derivation, coast-down verification and associated test functions as specified.	Specify		
8	**Communication & Interface Capability**	Support for TCP/IP, AK Interface, HOST communication, I/O communication and associated integration requirements.	Specify		
9	**Data Acquisition & Reporting**	Real-time data acquisition, storage, retrieval, graphical presentation, analysis and export of test data in standard formats.	Specify		
10	**Safety Systems & Interlocks**	Emergency stop functions, alarms, protection systems, safety interlocks and operational safety features shall be provided as specified.	Specify		

Additional Terms & Conditions (ATC)

11	**Vehicle Cooling Blower Integration**	Integration and compatibility with the existing/upgraded Vehicle Cooling Blower and associated controls.	Specify		
12	**Documentation**	Operation & Maintenance Manuals, User Manuals, Technical Documentation and System Architecture Documents (02 Hard Copies + Soft Copies).	Specify		
13	**Documentation**	Electrical Schematics, Communication Architecture, Interface Details, Configuration Documents and As-Built Records.	Specify		
14	**Documentation**	Software/Firmware Licences, Activation Keys, Recovery Media, Configuration Files and Backup Files.	Specify		
15	**Documentation**	Calibration Certificates, Factory Test Reports, Validation Reports and Traceability Records.	Specify		
16	**Documentation**	Installation, Commissioning, Training and Final Validation Reports.	Specify		
17	**Warranty**	Comprehensive On-Site Warranty for Twenty-Four (24) Months from the date of Final Acceptance Certificate (FAC).	Specify		

Additional Terms & Conditions (ATC)

18	**Technical Support**	OEM-backed technical support, software support, troubleshooting assistance and breakdown maintenance during the Warranty Period.	Specify		
19	**Long-Term Supportability**	Availability of spare parts, repair services, technical support, software support and engineering assistance for a minimum period of Ten (10) Years after expiry of Warranty Period.	Specify		
20	**Local Service Support**	Availability of technically qualified service engineers in India for installation, commissioning, calibration, breakdown support and post-warranty support.	Specify		
21	**Response Time**	Breakdown complaints shall be attended within the response timelines specified under the Tender conditions.	Specify		
22	**Technical Experience**	Minimum Ten (10) Years' experience in Chassis Dynamometer Systems, Automotive Test Systems, Automation Systems or equivalent testing infrastructure.	Specify		

Additional Terms & Conditions (ATC)

23	**Reference Installations**	Successful execution of Chassis Dynamometer systems, upgrades, automation systems or equivalent automotive testing systems during the last Ten (10) Years.	Specify		
24	**Performance Certificates**	Minimum Five (5) Satisfactory Performance Certificates from end-users as stipulated in the Tender.	Specify		
25	**OEM Authorization**	Valid OEM Declaration or OEM Authorization Certificate, as applicable.	Specify		
26	**Training**	OEM/OEM-authorized on-site training covering operation, calibration, diagnostics, troubleshooting, preventive maintenance and software operation.	Specify		
27	**Pre-Dispatch Inspection (PDI)**	Compliance with PDI requirements and submission of all documents, records and inspection reports as specified in the Tender Document.	Specify		
28	**Final Acceptance Requirement**	Successful installation, integration, calibration, commissioning, FAT completion, training, documentation submission and closure of observations to the satisfaction of ICAT.	Specify		

Additional Terms & Conditions (ATC)
Declaration by Bidder

We hereby certify that the information furnished above is true and correct. We further confirm that the offered system complies with the Technical Specifications, Scope of Work, Special Conditions of Contract (SCC), Acceptance Criteria and all other requirements specified in the Tender Document. Relevant documentary evidence in support of the above compliance statements is enclosed with the Technical Bid.

Authorized Signatory
Name: _____

Designation: _____

Company Name: _____

Date: _____

Seal & Signature: _____

Notes

1. The Bidder shall furnish detailed compliance against each requirement and provide relevant supporting documentary evidence.
2. Detailed technical specifications, brochures, OEM datasheets, manuals, drawings, compliance statements and supporting documents shall form part of the Technical Bid.
3. Any deviation from the specified requirements shall be clearly disclosed in the prescribed *Deviation Statement (Form-XI)*. Failure to disclose deviations shall be construed as unconditional acceptance of the Tender requirements.
4. Mere mention of *"Complied"* without adequate supporting documentary evidence may render the offer technically non-responsive.
5. ICAT reserves the right to seek clarifications, additional documents or demonstrations in support of any compliance statement submitted by the Bidder.