

**RT-25038/11/2017-RS**

**Government of India**

**Ministry of Road Transport & Highways**

**Transport Bhawan, 1 Parliament Street, New Delhi – 110001**

**Dated: 29 August 2022**

**Corrigendum**

**Tender Reference Number : RT-25038/11/2017-RS**

**With reference to the TENDER REFERENCE NUMBER - RT-25038/11/2017-RS , please note that with the approval of Competent Authority, Tender Document has been amended as under and Bidder should submit their offer considering the following;**

<b>S.No.</b>	<b>Clause No. and page reference of RFP</b>	<b>Clause as per the Global Tender Enquiry floated on 15<sup>th</sup> July 2022</b>	<b>Revised Clause issued as per the corrigendum</b>
1.	<b>2.3.5 Joint Play tester</b>  <b>Page 40</b>	b) Technical specifications: <ul style="list-style-type: none"><li>• Maximum load capacity per axle of at least 3 T.</li><li>• <b>Maximum Force per plate is at least of 10 kN</b></li><li>• Maximum movement on each side :100 mm</li><li>• Minimum Length of the Test Plate : 600 mm</li><li>• Minimum Width of the Test Plate : 600 mm</li></ul>	b) Technical specifications: <ul style="list-style-type: none"><li>• Maximum load capacity per axle of at least 3 T.</li><li>• <b>Maximum Force per plate is at least of 6 kN</b></li><li>• Maximum movement on each side :100 mm</li><li>• Minimum Length of the Test Plate : 600 mm</li><li>• Minimum Width of the Test Plate : 600 mm</li></ul>
2.	<b>2.4.4 Joint Play tester</b>  <b>Page 44</b>	b. Technical specifications: <ul style="list-style-type: none"><li>• Maximum load capacity per axle of at least 15T or better</li><li>• <b>Maximum Force per plate is at least of 40 kN</b></li><li>• Maximum movement on each side : 100 mm</li><li>• Length of the Test Plate : 750 mm to 1400 mm</li><li>• Minimum Width of the Test Plate : 650 mm</li></ul>	b. Technical specifications: <ul style="list-style-type: none"><li>• Maximum load capacity per axle of at least 15T or better</li><li>• <b>Maximum Force per plate is at least of 30 kN</b></li><li>• Maximum movement on each side : 100 mm</li><li>• Length of the Test Plate : 750 mm to 1400 mm</li><li>• Minimum Width of the Test Plate : 650 mm</li></ul>

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022	Revised Clause issued as per the corrigendum
3.	Clause 3.3 Warranty Page 26	<ul style="list-style-type: none"> <li>In case a lane is non-operational for more than 100 hours in a year, Rs. 1000 charges per hour/per non-operational lane would be charged to the successful bidder. This clause is pertaining to non-operation of lanes due to break down of lane equipment only. .</li> </ul>	<ul style="list-style-type: none"> <li>During the warranty period, in case a lane is non-operational for more than 100 hours in a year, Rs. 1000 charges per hour /per non-operational lane would be charged to the successful bidder. This clause is pertaining to non-operation of lanes due to breakdown of lane equipment only.</li> </ul>
4.	Submission of Bids Page 7	Up to 15:00 Hrs on 17 August 2022 through e-procurement portal .	Three week time extension will be provided from the date of upload of pre-bid queries on CPP Portal. Therefore, Submission due date is extended up to 15:00 Hrs on 19 September 2022 through e-procurement portal and Opening of Technical Bids will be at 16:30 Hrs on 20 September 2022
5.	Clause 1.4 “Spare Parts List” Page 123	[The Bidder is required to include in this chapter the full list of Spare Parts which will be required to ensure the needs for the first five years of operation of the equipment’s. Complete replacement of the Spare parts for operation of the Centre is the responsibility of the successful Bidder.]	[The Bidder is required to include in this chapter the full list of Spare Parts which will be required to ensure the needs during two years of warranty period. Complete replacement of the Spare parts for operation of the Centre is the responsibility of the successful Bidder during two years of warranty period.]
6.	“Annexure III – Bidder’s Company Requirement” Clause 1.3 Page 30	Having supplied, installed and commissioned at least 50 test lanes in last ten years out of which at least 25 numbers must be in last five years. Test Lane supplied, installed and commissioned must comprise of at least roller brake tester, side slip tester, suspension tester and axle weight measuring equipment.	Having supplied, installed and commissioned at least 50 test lanes in last ten years out of which at least 25 numbers must be in last five years. Test Lane supplied, installed and commissioned must comprise of at least roller brake tester, side slip tester, suspension tester and axle weight measuring equipment for Light Duty category and at least roller brake tester, side slip tester, and axle weight measuring equipment for Heavy Duty category.
7.	“Annexure VI Evaluation Parameters” Clause 1.2 Page 55	Having supplied, installed and commissioned at least 50 test lanes in last ten years out of which at least 25 numbers must be in last five years. Test Lane supplied, installed and commissioned must comprise of at least roller brake tester, side slip tester, suspension tester and axle weight measuring equipment .	Having supplied, installed and commissioned at least 50 test lanes in last ten years out of which at least 25 numbers must be in last five years. Test Lane supplied, installed and commissioned must comprise of at least roller brake tester, side slip tester, suspension tester and axle weight measuring equipment for Light Duty category and at least roller brake tester, side slip tester, and axle weight measuring equipment for Heavy Duty category.
8.	1.2 Warranty Conditions Page 123	The Bidder is requested to include in this chapter its acceptance of the exact same conditions required in “Annexure I Scope of Supply” about Warranty. The full Conditions and Coverage of the Warranty can also be attached to this document, provided they do not contradict the above conditions. Exclusions from Warranty need to be specified explicitly. In case there is no exclusion from	[The Bidder is requested to include in this chapter its acceptance of the exact same conditions required in “Annexure I Scope of Supply ” about Warranty. The full Conditions and Coverage of the Warranty can also be attached to this document, provided they do not contradict the above conditions. Exclusions from Warranty need to be specified explicitly. In case there is no exclusio

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022	Revised Clause issued as per the corrigendum
		the warranty, the Bidder shall be required to specifically state so. <b>Warranty Cost to be indicated by the Bidder separately.</b> Incase of breakdown of any machinery or non-operation of any equipment, the successful Bidder is required to replace the same at its own cost as soon as possible so as to reduce the down time.	n from the warranty, the Bidder shall be required to specifically state so. Incase of breakdown of any machinery or non-operation of any equipment, the successful Bidder is required to replace the same at its own cost as soon as possible so as to reduce the down time.]
9.	<b>2. RESPONSIBILITY</b>  <b>Page 21</b>	c. The bidder shall give the final cost which includes basic cost of equipment, all the applicable taxes including GST, duty, freight and insurance charges, transport charges up to destination , installation and commissioning and trainings, cost for design, construction & civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase & Single phase cables & drainage, compressor piping, cost for Exhaust gas handling system (to take care of exhaust of the vehicle under test) & fresh air ducting for underbody inspection pits. Exhaust gas treatment is not recommended before releasing Exhaust gas to environment through filters like particle filter, etc. <b>The bidder shall give cost for 2 years warranty.</b>	c. The bidder shall give the final cost which includes basic cost of equipment <b>(covering 2 years of warranty)</b> , all the applicable taxes including GST, duty, freight and insurance charges, transport charges up to destination, installation and commissioning and trainings, cost for design, construction & civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase & Single phase cables & drainage, compressor piping, cost for Exhaust gas handling system (to take care of exhaust of the vehicle under test) & fresh air ducting for underbody inspection pits . Exhaust gas treatment is not recommended before releasing Exhaust gas to environment through filters like particle filter, etc.
10.	<b>Annexure V</b> <b>Characteristics of Vehicles</b>  <b>Page 54</b>	Table - Characteristics of Vehicles to be Tested	Table - Characteristics of Vehicles to be Tested is amended. The revised table is provided in <b>Annexure-II.</b>
11.	<b>2.3.6 Steering Gear Play Detector (Electronic Turn Tables)</b>  <b>Page 40</b>	<p>a. This Equipment is devoted to check the free play in steering gear as per Central Motor Vehicle Rule 98. The data recorded by Electronic Turn Tables must be automatically captured by lane operation software.</p> <p>b. Technical specifications :</p> <ul style="list-style-type: none"> <li>• Minimum Angular movement : <math>\pm 30^\circ</math></li> <li>• Minimum diameter of turn table plate: 450 mm</li> <li>• Load capacity: 5000 kg each (2 nos.)</li> </ul>	<p>a. This Equipment is devoted to check the free play in steering gear as per Central Motor Vehicle Rule 98. The data recorded by Electronic Turn Tables must be automatically captured by lane operation software.</p> <p>b. Technical specifications :</p> <ul style="list-style-type: none"> <li>• Minimum Angular movement : <math>\pm 30^\circ</math></li> <li>• Minimum diameter of turn table plate: 450 mm</li> <li>• Load capacity: 5000 kg each (2 nos.)</li> <li>• <b>Measurement accuracy - <math>\pm 2\%</math> of full-scale deflection.</b></li> </ul>

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022				Revised Clause issued as per the corrigendum																																															
12.	<b>2.4.5 Steering Gear Play Detector (Electronic Turn Tables)</b>  Page 44	a. This Equipment is devoted to check the free play in steering gear as per Central Motor Vehicle Rule 98. The data recorded by Electronic Turn Tables must be automatically captured by lane operation software. b. Technical specifications :  <ul style="list-style-type: none"><li>Minimum Angular movement : ± 30°</li><li>Minimum diameter of turn table plate: 450 mm</li><li>Load capacity: 5000 kg each (2 nos.)</li></ul>				a. This Equipment is devoted to check the free play in steering gear as per Central Motor Vehicle Rule 98. The data recorded by Electronic Turn Tables must be automatically captured by lane operation software. b. Technical specifications :  <ul style="list-style-type: none"><li>Minimum Angular movement : ± 30°</li><li>Minimum diameter of turn table plate: 450 mm</li><li>Load capacity: 5000 kg each (2 nos.)</li><li>Measurement accuracy - ± 2% of full-scale deflection</li></ul>																																															
13.	<b>2.3.6. Steering gear play detector (Electronic Turn Tables)</b>  Page 112	<table><tr><th>Sr. No.</th><th>Specifications</th><th>Requirements</th><th>Bidders Specifications</th></tr><tr><td>1</td><td>Minimum Angular movement</td><td>± 30°</td><td></td></tr><tr><td>2</td><td>Minimum diameter of turn table plate</td><td>450 mm</td><td></td></tr><tr><td>3</td><td>Load capacity</td><td>5000 kg each (2 nos.)</td><td></td></tr><tr><td>4</td><td>Capturing of recorded data</td><td>Automatically by lane operation software.</td><td></td></tr></table>	Sr. No.	Specifications	Requirements	Bidders Specifications	1	Minimum Angular movement	± 30°		2	Minimum diameter of turn table plate	450 mm		3	Load capacity	5000 kg each (2 nos.)		4	Capturing of recorded data	Automatically by lane operation software.					<table><tr><th>Sr. No.</th><th>Specifications</th><th>Requirements</th><th>Bidders Specifications</th></tr><tr><td>1</td><td>Minimum Angular movement</td><td>± 30°</td><td></td></tr><tr><td>2</td><td>Minimum diameter of turn table plate</td><td>450 mm</td><td></td></tr><tr><td>3</td><td>Load capacity</td><td>5000 kg each (2 nos.)</td><td></td></tr><tr><td>4</td><td>Capturing of recorded data</td><td>Automatically by lane operation software.</td><td></td></tr><tr><td>5</td><td>Measuring Accuracy</td><td>± 2% of full-scale deflection</td><td></td></tr></table>	Sr. No.	Specifications	Requirements	Bidders Specifications	1	Minimum Angular movement	± 30°		2	Minimum diameter of turn table plate	450 mm		3	Load capacity	5000 kg each (2 nos.)		4	Capturing of recorded data	Automatically by lane operation software.		5	Measuring Accuracy	± 2% of full-scale deflection				
Sr. No.	Specifications	Requirements	Bidders Specifications																																																		
1	Minimum Angular movement	± 30°																																																			
2	Minimum diameter of turn table plate	450 mm																																																			
3	Load capacity	5000 kg each (2 nos.)																																																			
4	Capturing of recorded data	Automatically by lane operation software.																																																			
Sr. No.	Specifications	Requirements	Bidders Specifications																																																		
1	Minimum Angular movement	± 30°																																																			
2	Minimum diameter of turn table plate	450 mm																																																			
3	Load capacity	5000 kg each (2 nos.)																																																			
4	Capturing of recorded data	Automatically by lane operation software.																																																			
5	Measuring Accuracy	± 2% of full-scale deflection																																																			
14.	<b>4.5. Steering gear play detector (Electronic Turn Tables)</b>	<table><tr><th>Sr. No.</th><th>Specifications</th><th>Requirements</th><th>Bidders Specifications</th></tr></table>	Sr. No.	Specifications	Requirements	Bidders Specifications				<table><tr><th>Sr. No.</th><th>Specifications</th><th>Requirements</th><th>Bidders Specifications</th></tr></table>	Sr. No.	Specifications	Requirements	Bidders Specifications																																							
Sr. No.	Specifications	Requirements	Bidders Specifications																																																		
Sr. No.	Specifications	Requirements	Bidders Specifications																																																		

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022				Revised Clause issued as per the corrigendum				
	Page 117	1	Minimum Angular movement	± 30°		1	Minimum Angular movement	± 30°		
		2	Minimum diameter of turn table plate	450 mm		2	Minimum diameter of turn table plate	450 mm		
		3	Load capacity	5000 kg each (2 nos.)		3	Load capacity	5000 kg each (2 nos.)		
		4	Capturing of recorded data	Automatically by lane operation software.		4	Capturing of recorded data	Automatically by lane operation software.		
						5	Measuring Accuracy	± 2% of full-scale deflection		
15.	2.4.2 Axle weight measurement  Page 43	b. Technical specifications of the weight system should be:				b. Technical specifications of the weight system should be:				
		<ul style="list-style-type: none"> <li>Measuring range: 3500 kg – 15000 kg or better</li> <li>Resolution: 5 kg</li> <li>Accuracy ± 1% of reading</li> </ul>				<ul style="list-style-type: none"> <li>Measuring range: 0 kg – 15000 kg or better</li> <li>Resolution: 5 kg</li> <li>Accuracy ± 1% of reading</li> </ul>				
16.	2.4.2. Axle Weight Measurement  Page 116	Sr. No.	Specifications	Requirements	Bidders Specifications	Sr. No.	Specifications	Requirements	Bidders Specifications	
		1	Measuring range	3500 kg – 15000 kg or better		1	Measuring range	0 kg – 15000 kg or better		
		2	Resolution	5 kg		2	Resolution	5 kg		
		3	Accuracy	± 1% of reading		3	Accuracy	± 1% of reading		
		4	Specifications are provided	separately or integrated within the		4	Specifications are provided for measuring Axle weight	separately or integrated within the equipment -		

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022				Revised Clause issued as per the corrigendum			
			for measuring Axle weight	equipment - Bidder to specify				Bidder to specify	
17.	<b>1.3 References for Approved Tests</b>  <b>Page 121</b>	[In response to requirement appearing in point 1.3 of “Annexure II I Bidder’s Company Requirements” Bidder may provide detailed description of at least two projects where the installed equipment (turn-key inspection station) is used for approved tests and have been used for at least five years for I Inspection of Vehicles. The Bidder is requested to fill and include in this chapter one proforma (see below) per each given reference.]				[In response to requirement appearing in point 1.3 of “Annexure III Bidder’s Company Requirements” Bidder may provide detailed description of at least two projects where the installed equipment (turn-key in inspection station or Vehicle Manufacturing Factory, or certification centre/lab or NABL accredited testing institutes) is used for approved tests and have been used for at least five years for I Inspection of Vehicles. The Bidder is requested to fill and include in this chapter one proforma (see below) per each given reference.]			
18.	<b>1.3 Bidder’s Experience</b>  <b>Page 30</b>	c. Bidder is requested to submit a proof of having supplied and installed equipment for Inspection Stations. The references given may belong to different countries, where the Inspection regulation shall have been enforced. The references shall be turn-key projects , where the Bidder had full responsibility to set-up the complete station . The Bidder is requested to submit detailed information on those projects in “Form g) References”				c. Bidder is requested to submit a proof of having supplied and installed equipment for Inspection Stations or Vehicle Manufacturing Factory, or certification centre/lab or NABL accredited testing institutes. The references given may belong to different countries, where the Inspection regulation shall have been enforced. The references shall be turn-key projects, where the Bidder had full responsibility to set-up the complete station . The Bidder is requested to submit detailed information on those projects in “Form f References”			
19.	<b>5. EARNEST MONEY DEPOSIT</b>  <b>Page 9</b>	5.3 The Earnest Money Deposit of the unsuccessful Bidders will be returned without any interest by MoRTH after deciding the successful bidder.				5.3 The Earnest Money Deposit of the unsuccessful Bidders during first stage of evaluation (Technically unqualified bidders) will be returned to the bidder within 30 days of declaration of result of first stage i.e., technical evaluation.			
20.	<b>2.3.7 Fully Automatic Head light tester</b>  <b>Page 40</b>	2.3.7 Fully Automatic Head light tester a. This Equipment is devoted to check the horizontal and vertical light flux orientation, low beam pattern of the Head Lamp. This device shall be capable of measuring the Head Lamp’s light intensity and inclination. Preferable checking could be based on spotting the headlamp reference point. Positioning (Horizontal movement) & focusing (Vertical movement) of Fully Automatic Head light tester in front of head lamps of vehicle shall be done without human intervention. Measurement of low beam pattern and test data transfer from Fully Automatic Head light tester shall be done automatically.				2.3.7 Semi-Automatic Head light tester a. This Equipment is devoted to check the horizontal and vertical light flux orientation, low beam pattern of the Head Lamp. This device shall be capable of measuring the Head Lamp’s light intensity and inclination. Preferable checking could be based on spotting the headlamp reference point. Positioning (Horizontal movement) & focusing (Vertical movement) of Semi-Automatic Head light tester in front of head lamps of vehicle shall be done.			

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022	Revised Clause issued as per the corrigendum
		<p>b. This equipment shall be used to test Light Duty Vehicles including Passenger Cars, upto 3.5 tons GVW.</p> <p>c. Technical specifications:</p> <ul style="list-style-type: none"> <li>Light Intensity range measure (min): 0-100,000 cd</li> <li>Illumination Intensity range measure: 0-200 lux</li> <li>Headlight tester must be capable of measuring headlamp with their Centers 500 mm to 1200 mm above ground level.</li> <li>Vertical and horizontal measuring range: <math>\pm 50</math> cm/10 m (<math>\pm 5</math> %)</li> <li>Maximum deviation of intensity: <math>\pm 5</math> % of reading</li> <li>Maximum deviation of Inclination measurement (vertical orientation): <math>\pm 0.1</math> %</li> </ul>	<p>b. This equipment shall be used to test Light Duty Vehicles including Passenger Cars, upto 3.5 tons GVW.</p> <p>c. Technical specifications:</p> <ul style="list-style-type: none"> <li>Light Intensity range measure (min): 0-100,000 cd</li> <li>Illumination Intensity range measure: 0-200 lux</li> <li>Headlight tester must have ability to autofocus and should be capable of measuring headlamp with their Centres 500 m to 1200 mm above ground level!</li> <li>Vertical and horizontal measuring range: <math>\pm 50</math> cm/10 m (<math>\pm 5</math> %)</li> <li>Maximum deviation of intensity: <math>\pm 5</math> % of reading.</li> <li>Headlamp tester to be placed on a perfectly level surface/ rails.</li> <li>Maximum deviation of Inclination measurement (vertical orientation): <math>\pm 0.1</math> %</li> </ul>
21.	<p><b>2.4.6 Fully Automatic Head light tester</b></p> <p><b>Page 44</b></p>	<p><b>2.4.6 Fully Automatic Head light tester</b></p> <p>a. This Equipment is devoted to check the horizontal and vertical light flux orientation, low beam pattern of the Head Lamp. This device shall be capable of measuring the Head Lamp's light intensity and inclination. Preferable checking could be based on spotting the headlamp reference point. Positioning (Horizontal movement) &amp; focusing (Vertical movement) of Fully Automatic Head light tester in front of head lamps of vehicle shall be done without human intervention. Measurement of low beam pattern and test data transfer from Fully Automatic Head light tester shall be done automatically.</p> <p>b. This equipment shall be used to test Medium and Heavy Commercial Vehicles above 3.5 tons GVW.</p> <p>c. Technical specifications:</p>	<p><b>2.4.6 Semi-Automatic Head light tester</b></p> <p>a. This Equipment is devoted to check the horizontal and vertical light flux orientation, low beam pattern of the Head Lamp. This device shall be capable of measuring the Head Lamp's light intensity and inclination. Preferable checking could be based on spotting the headlamp reference point. Positioning (Horizontal movement) &amp; focusing (Vertical movement) of Semi-Automatic Head light tester in front of head lamps of vehicle shall be done.</p> <p>b. This equipment shall be used to test Medium and Heavy Commercial Vehicles above 3.5 tons GVW.</p> <p>c. Technical specifications:</p> <ul style="list-style-type: none"> <li>Light Intensity range measure (min): 0-100,000 cd</li> </ul>

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022	Revised Clause issued as per the corrigendum
		<ul style="list-style-type: none"> <li>Light Intensity range measure (min): 0-100,000 cd</li> <li>Illumination Intensity range measure: 0-200 lux</li> <li>Headlight tester must be capable of measuring headlamp with their Centres 500 mm to 1200 mm above ground level.</li> <li>Vertical and horizontal measuring range: <math>\pm 50</math> cm/10 m (<math>\pm 5</math> %)</li> <li>Maximum deviation of intensity: <math>\pm 5</math> % of reading</li> <li>Maximum deviation of Inclination measurement (vertical orientation): <math>\pm 0.1</math> %</li> </ul>	<ul style="list-style-type: none"> <li>Illumination Intensity range measure: 0-200 lux</li> <li>Headlight tester must have ability to autofocus and should be capable of measuring headlamp with their Centres 500 mm to 1200 mm above ground level.</li> <li>Vertical and horizontal measuring range: <math>\pm 50</math> cm/10 m (<math>\pm 5</math> %)</li> <li>Maximum deviation of intensity: <math>\pm 5</math> % of reading</li> <li>Headlamp tester to be placed on a perfectly level surface/ rails.</li> <li>Maximum deviation of Inclination measurement (vertical orientation): <math>\pm 0.1</math> %</li> </ul>
22.	<b>Headlight Tester</b>  Page 10, 19, 31, 32, 38, 40, 44 47, 59, 112, 113, 117, 118	Fully Automatic Head light tester	Semi-Automatic Head light tester
23.	<b>Disclaimer</b>  Page 2	1. This Global Tender Enquiry ("Tender Document") is being issued by The Automotive Research Association of India (ARAI) on behalf of Ministry of Road Transport & Highways (MoRTH) for the selection of a successful bidder for delivery, installation, integration of systems and system checking, testing and commissioning of Vehicle Inspection Equipment's at the Centers, supply of special tools, and requisite software for smooth operation of the Centers.	1. This Global Tender Enquiry ("Tender Document") is being issued by Ministry of Road Transport & Highways (MoRTH) for the selection of a successful bidder for delivery, installation, integration of systems and system checking, testing and commissioning of Vehicle Inspection Equipment's at the Centers, supply of special tools, and requisite software for smooth operation of the Centers.
24.	<b>Disclaimer</b>  Page 3	12. MoRTH its employees, advisers, MoRTH its employees, advisers, consultants, contractors, servants, agents do not accept any responsibility for the legality, validity, effectiveness, adequacy or enforceability of any documentation executed, or which may be executed, in relation to the Works. MoRTH or the other executing agencies shall enter into a contract individually, with the successful Bidder for performance, execution and implementation of the Works ("Contract"). No	12. MoRTH its employees, advisers, consultants, contractors, servants, agents do not accept any responsibility for the legality, validity, effectiveness, adequacy or enforceability of any documentation executed, or which may be executed, in relation to the Works. MoRTH shall enter into a contract, with the successful Bidder for performance, execution and implementation of the Works ("Contract"). No legal or other obligation shall arise between the



S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022	Revised Clause issued as per the corrigendum
		legal or other obligation shall arise between the successful Bidder and MoRTH and / or executing agencies unless and until the Contract has been formally executed by MoRTH and / or executing agencies and the successful Bidder and any conditions precedent to the effectiveness of the Contract have been fulfilled. MoRTH reserves the right not to proceed with the bidding process and to cancel the selection procedure, or any part thereof, at any time.	successful Bidder and MoRTH unless and until the Contract has been formally executed by MoRTH and the successful Bidder and any conditions precedent to the effectiveness of the Contract have been fulfilled. MoRTH reserves the right to not to proceed with the bidding process and to cancel the selection procedure, or any part thereof, at any time.
25.	<b>Disclaimer</b>  <b>Page 3</b>	18. A High Level Committee ( HLC ) is appointed by the MoRTH for their assistance to take final decisions on all important matters pertaining to this Tender. The committee consists of - (i) Representative of ARAI – Chairperson (ii) Representative of CIRT – Member (iii) Representative of ICAT – Member (iv) Representative of Transport Department, Odisha – Member (v) Representative of Transport Department, Maharashtra – Member	18. A High Level Committee ( HLC ) will be appointed by MoRTH for their assistance to take final decisions on all important matters pertaining to this Tender.
26.	<b>I. Introduction</b>  <b>Page 6</b>	<b>1.6 The Automotive Research Association of India (ARAI) on behalf of Ministry of Road Transport &amp; Highways, Government of India invites e-tenders from the Bidders</b> in the prescribed proforma for performing, executing and implementing the Works on the terms and conditions contained in this Tender Document and in the Contract. Brief description of Works and the timelines for tenders are summarized in the table below.  Description of work : <b>This Global Tender Enquiry (“Tender Document”) is being issued by The Automotive Research Association of India (ARAI) on behalf of Ministry of Road Transport &amp; Highways (MoRTH)</b> for selection of a successful bidder for delivery, installation, integration of systems and system checking, testing and commissioning of Vehicle Inspection Equipment’s at the Centers, supply of special tools, and requisite software for smooth operation of the Centers.	<b>1.6 Ministry of Road Transport &amp; Highways, Government of India invites e-tenders from the Bidders</b> in the prescribed proforma for performing, executing and implementing the Works on the terms and conditions contained in this Tender Document and in the Contract. Brief description of Works and the timelines for tenders are summarized in the table below.  Description of work : <b>This Global Tender Enquiry (“Tender Document”) is being issued by Ministry of Road Transport &amp; Highways (MoRTH)</b> for selection of a successful bidder for delivery, installation, integration of systems and system checking, testing and commissioning of Vehicle Inspection Equipment’s at the Centers, supply of special tools, and requisite software for smooth operation of the Centers.

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022	Revised Clause issued as per the corrigendum
27.	VIII) Instructions to Bidders  Page 11 and 12	<p>Page 11</p> <p>D. <b>ARAI/ MoRTH</b> will not be responsible for any delay in enrollment / registration as bidder or submitting /uploading the offer tender portal. Hence, bidders are advised to register in e-tendering website URL:https://eprocure.gov.in/eprocure/app and enroll their Digital Signature Certificate and upload their quotation well in advance.</p> <p>Page 12</p> <p>F. For tender content related doubts, bidder should contact <b>ARAI / MoRTH</b> contact person, contact details are given in Table in para 1.</p>	<p>Page 11</p> <p>D. <b>MoRTH</b> will not be responsible for any delay in enrollment / registration as bidder or submitting /uploading the offer tender portal. Hence, bidders are advised to register in e-tendering website URL:https://eprocure.gov.in/eprocure/app and enroll their Digital Signature Certificate and upload their quotation well in advance.</p> <p>Page 12</p> <p>F. For tender content related doubts, bidder should contact <b>MoRTH</b> contact person, contact details are given in Table in para 1.</p>
28.	6.2.1  Page 13	<p>6.2.1 The Bidders shall quote for the entire Works such that the total contract value covers all its risks, obligations and liabilities set out in or to be reasonably inferred from this Tender Document including but not limited to matters in respect of the delivery of equipment up to site, insurance, freight costs, customs clearances, interface management, detailed design, detailing, coordination, value engineering, specialist system procurement, provision, erection and/or installation, testing, commissioning, documentation, training if any, defects remediation, reporting to MoRTH and related works. However, in case of imported equipment, prices quoted shall include all taxes and charges including, but not limited to transit insurance charges from FOB port of shipment or Airport upto the site, including charges for Custom duty &amp; Clearances, etc. Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase &amp; Single phase cables &amp; drainage, compressor piping will also be scope of the bidder. The suitable exhaust gas handling system (to take care of exhaust of the vehicle under test) is to be selected &amp; supplied, installed &amp; commissioned by the successful Bidder. Successful Bidder should also provide fresh air ducting for all underbody inspection pits.</p>	<p>6.2.1 The Bidders shall quote for the entire Works such that the total contract value covers all its risks, obligations and liabilities set out in or to be reasonably inferred from this Tender Document including but not limited to matters in respect of the delivery of equipment up to site, insurance, freight costs, customs clearances, interface management, detailed design, detailing, coordination, value engineering, specialist system procurement, provision, erection and/or installation, testing, commissioning, documentation, training if any, defects remediation, reporting to MoRTH and related works. However, in case of imported equipment, prices quoted shall include all taxes and charges including, but not limited to transit insurance charges from FOB port of shipment or Airport upto the site, including charges for Custom duty &amp; Clearances, etc. <b>Supply of special tools, and requisite software for smooth operation of the Centers,</b> Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase &amp; Single phase cables &amp; drainage, compressor piping will also be scope of the bidder. The suitable exhaust gas handling system (to take care of exhaust of the vehicle under test) is to be selected &amp; supplied, installed &amp; commissioned by the successful Bidder. Successful Bidder should also provide fresh air ducting for all underbody</p>

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022	Revised Clause issued as per the corrigendum
			inspection pits.
29.	<b>Annexure I: Scope of Supply</b>  <b>Page 18</b>	<p><u>1. Elements to be supplied</u></p> <p>The scope of this tender is to provide the equipment and their installation, commissioning and integration in the ten Inspection &amp; Certification centers in India. Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase &amp; Single phase cables &amp; drainage, compressor piping will also be scope of the bidder. Floor requires excavation, earthwork and filling ,labelling. Trimix flooring is recommended for 18 ton design load. No specific cable material is defined but cables are to be insulated in U-PVC pipe. The suitable exhaust gas handling system is to be selected &amp; supplied, installed &amp; commissioned by the bidder. Exhaust gas treatment is not recommended before releasing Exhaust gas to environment through filters like particle filter, etc. Successful Bidder should also provide fresh air ducting for all underbody inspection pits. If compressed air is required for functioning of equipment, then availability of Compressor of requisite capacity at site will be the responsibility of Successful Bidder</p>	<p><u>1. Elements to be supplied</u></p> <p>The scope of this tender is to provide the equipment and their installation, commissioning and integration in the ten Inspection &amp; Certification centers in India. <b>Supply of special tools, and requisite software for smooth operation of the Centers</b>, Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase &amp; Single phase cables &amp; drainage, compressor piping will also be scope of the bidder. Floor requires excavation, earthwork and filling ,labelling. Trimix flooring is recommended for 18 ton design load. No specific cable material is defined but cables are to be insulated in U-PVC pipe. The suitable exhaust gas handling system is to be selected &amp; supplied, installed &amp; commissioned by the bidder. Exhaust gas treatment is not recommended before releasing Exhaust gas to environment through filters like particle filter, etc. Successful Bidder should also provide fresh air ducting for all underbody inspection pits. If compressed air is required for functioning of equipment, then availability of Compressor of requisite capacity at site will be the responsibility of Successful Bidder</p>
30.	<b>2. Responsibilities</b>  <b>Page 20</b>	<p><u>Page 20</u></p> <p><u>2. Responsibilities</u></p> <p>a. The Successful Bidder shall have total responsibility for the process including all phases of design, manufacture, assembly and functional testing of the equipment, shipment, installation, commissioning, integration of systems, training and system checking for all the elements listed in the current document. Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase &amp; Single phase cables &amp; drainage, compressor piping will also be</p>	<p><u>Page 20</u></p> <p><u>2. Responsibilities</u></p> <p>a. The Successful Bidder shall have total responsibility for the process including all phases of design, manufacture, assembly and functional testing of the equipment, shipment, installation, commissioning, integration of systems, training and system checking for all the elements listed in the current document.. <b>Supply of special tools, and requisite software for smooth operation of the Centers</b>, Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase &amp; Single phase cables &amp; drai</p>

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022	Revised Clause issued as per the corrigendum
		responsibility of the successful Bidder. Floor requires excavation, earthwork and filling ,labelling. Trimix flooring is recommended for 18 ton design load. No specific cable material is defined but cables are to be insulated in U-PVC pipe. The suitable exhaust gas handling system (to take care of exhaust of the vehicle under test) is to be selected & supplied, installed & commissioned by the successful Bidder. Exhaust gas treatment is not recommended before releasing Exhaust gas to environment through filters like particle filter, etc. Successful Bidder should also provide fresh air ducting for all underbody inspection pits. Necessary information such as site layouts shall be provided to successful bidder before start of work execution. Soil test report & site address can be provided to bidder on request. Electrification & general utilities like fans, tube lights, etc. in the test shed area will be provided by respective executing agency. Bidder can consider Test Shed size as 40 meter in length & 30 meter in width.	nage, compressor piping will also be responsibility of the successful Bidder. Floor requires excavation, earthwork and filling ,labelling. Trimix flooring is recommended for 18 ton design load. No specific cable material is defined but cables are to be insulated in U-PVC pipe. The suitable exhaust gas handling system (to take care of exhaust of the vehicle under test) is to be selected & supplied, installed & commissioned by the successful Bidder. Exhaust gas treatment is not recommended before releasing Exhaust gas to environment through filters like particle filter, etc. Successful Bidder should also provide fresh air ducting for all underbody inspection pits. Necessary information such as site layouts shall be provided to successful bidder before start of work execution. Soil test report & site address can be provided to bidder on request. Electrification & general utilities like fans, tube lights, etc. in the test shed area will be provided by respective executing agency. Bidder can consider Test Shed size as 40 meter in length & 30 meter in width.
31.	<b>2.2 Software</b>  <b>Page 22</b>	<u>Page 22</u>  <b>2.2 Software</b>  Successful Bidder shall ensure the system upgradation with the latest software version free of cost for the first two years under warranty	<u>Page 22</u>  <b>2.2 Software</b>  <b>Successful Bidder will supply requisite software for smooth operation of the Centers.</b> Successful Bidder shall also ensure the system up gradation with the latest software version free of cost for the first two years under warranty
32.	<b>Annexure I: Scope of Supply</b>  <b>2.8 Pre dispatch inspection (PDI) and Acceptance Tests</b>  <b>Page 24</b>	<u>Page 24</u>  a. A pre dispatch inspection of the equipment to be supplied shall be performed in the presence of a team of 4 – 5 persons as decided by MoRTH for each test center. <b>ARAI will be nodal agency for conducting the PDI.</b> All arrangement in consultation with successful Bidder shall be made by <b>ARAI</b> . Costs for one week, towards Travel, Lodging and Boarding of the team will be borne by MoRTH. The costs involved in the PDI will be reimbursed <b>to ARAI</b> by MoRTH based on the bills submitted.	<u>Page 24</u>  a. A pre dispatch inspection of the equipment to be supplied shall be performed in the presence of a team of 4 – 5 persons as decided by MoRTH for each test center. <b>Respective Executing Agencies will be nodal agency for conducting the PDI.</b> All arrangement in consultation with successful Bidder shall be made by <b>respective Executing Agencies</b> . Costs for one week, towards Travel , Lodging and Boarding of the team will be borne by MoRTH. The costs involved in the PDI will be reimbursed to <b>respective Executing Agencies</b> by MoRTH based on the bills submitted.

S.No.	Clause No. and page reference of RFP	Clause as per the Global Tender Enquiry floated on 15 <sup>th</sup> July 2022	Revised Clause issued as per the corrigendum
33.	<b>Annexure III: Bidder's Company requirements</b> <b>1.1 Bidder:</b>	The bidder should be an OEM Company, which manufactures test lane equipment and has the capability to supply complete value of the tender. Only OEM shall be eligible to bid. However, OEMs may engage other company or companies for the services it requires.	<p>The bidder should be an OEM Company, which manufactures test lane equipment and has the capability to supply complete value of the tender <b>either individually or as a Consortium. Consortium, with maximum of 3 members, is allowed subject to provisions provided in Annexure-I. The OEM should only be the Lead Bidder. The bid will be submitted in the name of the Lead Bidder only.</b></p> <p>Further, the Bidder may engage other company or companies for the services it requires.</p>
34.	<b>Form a) Letter for Submission of Technical Proposal</b>	We undertake that if our Bid is accepted, we will be committed to supply, installation, commissioning of the equipment, design, construction & civil work of equipment foundations including allied services like test shed flooring, epoxy coating for the flooring, conduiting for cables including 3 phase & Single phase cables & drainage, compressor piping & supply the equipment including Exhaust gas handling system & fresh air ducting for underbody inspection pits as per the scope of work as per the agreed terms and conditions.	We undertake that if our Bid is accepted, we will be committed to supply, installation, commissioning of the equipment, <b>supply of special tools, and requisite software for smooth operation of the Centers,</b> design, construction & civil work of equipment foundations including allied services like test shed flooring, epoxy coating for the flooring, conduiting for cables including 3 phase & Single phase cables & drainage, compressor piping & supply the equipment including Exhaust gas handling system & fresh air ducting for underbody inspection pits as per the scope of work as per the agreed terms and conditions.

**Annexure I: Consortium Conditions (To be read as additional Clause 1.1.1 (a) of Annexure III: Bidder's Company Requirement of the tender document)**

In case of Consortium the maximum no. of members are restricted to three only. However, only OEM should be the Lead member and will be considered as Bidder for the Tender. The lead bidder of consortium should have a valid GST number. The information about the Consortium needs to be furnished as per **Form h**). No consortium member shall be part of any other consortium.

The tender form shall be submitted only in the name of the Lead member and not in the name of any constituent member. EMD shall be submitted only in the name of the lead member and not in the name of other consortium member.

A copy of Memorandum of Understanding (MOU) executed by the Consortium members shall be submitted by the leader along with the tender. The complete details of the members of the Consortium, their share and responsibility in the Consortium etc. particularly with reference to financial, technical and other obligations shall be furnished in the MOU.

Once the tender is submitted, the MOU shall not be modified / altered / terminated during the validity of the tender. In case the tenderer fails to observe/comply with this stipulation, the full Earnest Money Deposit (EMD) shall be liable to be forfeited.

After the contract has been awarded, alteration / change in the constitution of Consortium shall not be allowed during the current contract period.

On issue of LOA (Letter Of Acceptance), an agreement among the members of the Consortium (to whom the work has been awarded) shall be executed and got registered before the Registrar of the Companies under Companies Act or before the Registrar/Sub-Registrar under the Registration Act, 1908. This Agreement shall be submitted by the Consortium to MoRTH before signing the contract agreement for the work. In case the tenderer fails to observe/comply with this stipulation, the full Earnest Money Deposit (EMD) shall be forfeited and other penal actions due shall be taken against partners of the Consortium and the Consortium. This Joint Venture Agreement shall have, inter-alia, following Clauses:

Joint and Several Liability - Members of the Consortium to which the contract is awarded, shall be jointly and severally liable to MoRTH for execution of the project in accordance with General and Special Conditions of Contract. The Consortium members shall also be liable jointly and severally for the loss, damages caused to MoRTH during the course of execution of the contract or due to non-execution of the contract or part thereof.

Duration of the Agreement - It shall be valid during the entire currency of the contract including the period of extension, if any after the work is completed.

Governing Laws- The Agreement shall in all respect be governed by and interpreted in accordance with Indian Laws.

Authorized Member - Only Lead Bidder shall be the authorized member on behalf of the Consortium to deal with the tender, sign the agreement or enter into contract in respect of the said tender, to receive payment, to witness joint measurement of work done, to sign measurement books and similar such action in respect of the said tender/contract. All notices/correspondences with respect to the contract would be sent only to this authorized member of the Consortium.

- No member of the Consortium shall have the right to assign or transfer the interest right or liability in the contract without the written consent of the other members and that of MoRTH in respect of the said tender/contract. Documents to be enclosed by the JV Firm along with the tender:
- In case one or more of the members of the Consortium is/are partnership firm(s), following documents shall be submitted:
  - a. Notary certified copy of the Partnership Deed,
  - b. Consent of all the partners to enter into the Agreement on stamp paper of appropriate value (in original).
  - c. Power of Attorney (duly registered as per prevailing law) in favour of one of the partners of the partnership firm to sign the Agreement on behalf of the partnership firm and create liability against the firm.
- In case one or more members is/are Proprietary Firm or HUF, the following documents shall be enclosed:

Affidavit on Stamp Paper of appropriate value declaring that his/her Concern is a Proprietary Concern and he/she is sole proprietor of the Concern OR he/she is in position of "KARTA" of Hindu Undivided Family (HUF) and he/she has the authority, power and consent given by other partners to act on behalf of HUF.
- In case one or more members is/are limited companies, the following documents shall be submitted:

- a. Notary certified copy of resolutions of the Directors of the Company, permitting the company to enter into an agreement, authorizing MD or one of the Directors or Managers of the Company to sign Agreement, such other documents required to be signed on behalf of the Company and enter into liability against the company and/or do any other act on behalf of the company.
- b. Copy of Memorandum and Articles of Association of the Company. If documents are in language other than English, then both, original document & notarized copy of its English translation need to be submitted.
- c. Power of Attorney (duly registered as per prevailing law) by the Company authorizing the person to do/act mentioned in the para (a) above.
  - All the Members of Consortium shall certify that they are not black listed or debarred by MoRTH or any other Ministry/Department of the Govt. of India/State Govt. or any other country from participation in tenders/contract on the date of opening of bids either in their individual capacity as members of the Consortium or the Consortium in which they were/are members.
  - If consortium (restricted to maximum 3 members including leader), information needs to be furnished as per **form h)** along with a declaration from the leader that they are not part of any other consortium bidding for this work.
  - Bidder's experience as individually or collectively as a consortium shall be considered. However, turnover criteria should be satisfied by Lead member of the consortium individually.



**Addition information in Form –h as under**

**1.5 Consortium Information**

In case of application under ‘Consortium’ additional documents:

<b>Sr. No.</b>	<b>Description of Document</b>	<b>No. of pages</b>	<b>Remarks, if any</b>
1	MOU between consortium members		
2	Company Profile with details of address for communication, contact person & his contact details, web-site etc. of members other than those submitted above		
3	Financial results for last five years, of members other than those submitted above		

**Annexure II: Characteristic of the vehicles to be tested**

Sl. No.	Details	3-Wheeler		Quadricycle		4-Wheeler (M1, N1)		4-Wheeler LCV (M2, N2)		HCV (M3, N3)			
		Min	Max	Min	Max	Min	Max	Min	Max	Trucks (N3)		Bus (M3)	
										Min	Max	Min	Max
1.	Front Axle wt (kg)	90	260	215	215	420	1285	1045	4150	1235	8951	360	6160
2.	Rear Axle wt kg	205	780	308	308	315	1395	810	7840	810	10224	1360	8900
3.	Kerb wt kg	203	800	474	474	730	2625	1210	5440	2045	19175	2660	15000
4.	GVW kg	610	2150	823	823	935	3490	1960	11990	12990	47500	5000	22000
5.	Wheelbase mm	1590	3070	1925	1925	2050	3264	2100	4500	2500	6750	2654	8350
6.	Wheel Track mm Front	-	-	1143	1143	1300	1690	1310	2022	1410	2124	1630	2054
7.	Wheel Track mm Rear	1150	1540	1143	1143	1315	1705	1343	1814	1406	1926	1486	1880
8.	Length mm	2080	2510	2752	2752	1402	5226	3790	7965	4634	11994	5125	15000
9.	Width mm	1100	1520	1312	1312	1495	2173	1500	2470	1870	2590	1910	2600
10.	Height mm	1635	2070	1652	1652	1297	2750	1890	3410	2530	3940	2200	3730
11.	Overhang Front mm	-	-	387	387	464	1297	760	2280	1050	1695	1000	2500
12.	Overhang Rear mm	443	790	440	440	405	1375	710	2385	805	3484	1250	3560
13.	Ground clearance mm	150	255	158	158	89	220	150	375	176	300	150	259
14.	TCD m	-	-	6.96	6.96	8.33	12.6	8.5	19.7	12.3	23.99	11.17	23.4
15.	TCCD m	-	-	7.32	7.32	7.95	13.5	9.8	21.2	14	25.5	12.84	27.2



**Response to Pre-Bid Queries**

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
1.	Instructions to Bidder Clause 3.10	8	3.10. In case of response from local suppliers, purchase preference will be given to Class I local suppliers as per Public Procurement (Preference to Make in India), Order 2017, revised as on 16.09.2020.	<ul style="list-style-type: none"> <li>We are in looking for initiating the setting up office in India. Further we, being the OEM, have entered into technology transfer with a company in India. Now the company has setup manufacturing facility and will be ready for production by Sept'22.</li> <li>Our query is if we participate as an OEM having office in India, are we allowed to sub contract the production of these equipment to the Indian company with whom we have technology transfer agreement with assurance that process of manufacturing, testing and corresponding quality control activities will be under strict check from us and we stand for its quality and after sales till the end of the contract period.</li> </ul>	Yes. It is allowed.
2.	Submission of Bids	7	<ul style="list-style-type: none"> <li>Up to 15:00 Hrs on 17 August 2022 through e-procurement portal.</li> </ul>	<ul style="list-style-type: none"> <li>Regarding the Tender reference we kindly ask you to extend the date for the Tender Submission as per the point 6.3.2 of the Tender document, till end of September</li> <li>The main reason is due the dates we are, as you know, most of the European Companies are closed for these dates and, among other documents, we need some of our customers to send us the required certificates for experience, we need to proceed with the EMD, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Three weeks time extension will be provided from the date of upload of pre-bid queries on CPP Portal.</li> <li>Therefore, Submission due date is extended up to 15:00 Hrs on 19 September 2022 through e-procurement portal and Opening of Technical Bids will be at 16:30 Hrs on 20 September 2022</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
3.	6.1.2	12	<ul style="list-style-type: none"> <li>The Technical Bid shall contain the following duly filled Forms</li> </ul> <p>Form a) Letter for Submission of Technical Proposal  Form b) Letter of Undertaking  Form c) Earnest Money Deposit  Form d) Deviations Suggested  Form e) Detailed Technical Specifications  Form f) References  Form g) Service Support  Form h) Bidder's Organization and Company Profile  Form i) Description of Approach, Methodology, Work and Training Plan  <b>Form j) Financial Proposal (without price)</b>  Form k) Contact Details</p>	<ul style="list-style-type: none"> <li>Please explain what you mean by “without price”, for form j) Financial proposal, as that is the central part of the financial proposal.</li> </ul>	<ul style="list-style-type: none"> <li>Blank Financial format (without indicating prices) signed &amp; stamped by authorized representative of bidder to be submitted as a part of Technical bid.</li> <li>Financial Proposal (both BOQ &amp; the financial proposal including price break up) must be submitted separately under appropriate link provided for “Financial Bid” on the CPP Portal.</li> </ul>
4.	-	-	-	<ul style="list-style-type: none"> <li>Please provide a breakdown of the distribution of material among the test centers of Hyderabad, Cochin, Puducherry, Raipur, Samba, Aizawl, Kolkata, Kapurthala, Dimapur, Ranipur to calculate delivery costs</li> </ul>	<ul style="list-style-type: none"> <li>Considering 4 Lane I&amp;C centers at all 10 places, equal quantity of equipment mentioned in Annexure-I V of the tender document to be supplied, installed and commissioned at all 10 places.</li> </ul>
5.	table 1: list of equipment	19	Server: 2 nos. per center (1 no. per center as a backup server) (for 10 centers)	<ul style="list-style-type: none"> <li>Please provide more technical specifications of the servers</li> </ul>	<ul style="list-style-type: none"> <li>Minimum technical requirements for server are specified in Tender document. Bidder may supply servers with better specifications.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response																														
6.	table 1: list of equipment	19	Audio paging: 1 no. per center (for 10 centers)	<ul style="list-style-type: none"><li>Please provide more technical specifications of the audio paging</li></ul>	<ul style="list-style-type: none"><li>Suitable audio paging system for 4 - lane I&amp;C center to be selected &amp; supplied by the successful bidder.</li></ul>																														
7.	table 1: list of equipment	19	LAN Network: (for 10 centers)	<ul style="list-style-type: none"><li>Please provide approximate dimensions of each test station to calculate how many meters of LAN network hardware are necessary in each case.</li></ul>	<div>Approximate Test Shed dimension for the centers are as below;</div> <table><tr><th>State / Union Territory</th><th>City</th><th>Shed Dimension</th></tr><tr><td>Telangana</td><td>Hyderabad</td><td>35 meters x 28 meters</td></tr><tr><td>Kerala</td><td>Cochin</td><td>35 meters x 28 meters</td></tr><tr><td>Puducherry</td><td>Puducherry</td><td>35 meters x 28 meters</td></tr><tr><td>Chhattisgarh</td><td>Raipur</td><td>40 meters x 33 meters</td></tr><tr><td>Jammu &amp; Kashmir</td><td>Samba (Dist. Jammu)</td><td>40 meters x 33 meters</td></tr><tr><td>Mizoram</td><td>Aizwal</td><td>42.46 meters x 24.46 meters</td></tr><tr><td>West Bengal</td><td>Kolkata</td><td>40.84 meters x 29.26 meters</td></tr><tr><td>Punjab</td><td>Kapurthala</td><td>42.46 meters x 24.46 meters</td></tr><tr><td>Nagaland</td><td>Dimapur</td><td>40 meters x 33 meters</td></tr></table>	State / Union Territory	City	Shed Dimension	Telangana	Hyderabad	35 meters x 28 meters	Kerala	Cochin	35 meters x 28 meters	Puducherry	Puducherry	35 meters x 28 meters	Chhattisgarh	Raipur	40 meters x 33 meters	Jammu & Kashmir	Samba (Dist. Jammu)	40 meters x 33 meters	Mizoram	Aizwal	42.46 meters x 24.46 meters	West Bengal	Kolkata	40.84 meters x 29.26 meters	Punjab	Kapurthala	42.46 meters x 24.46 meters	Nagaland	Dimapur	40 meters x 33 meters
State / Union Territory	City	Shed Dimension																																	
Telangana	Hyderabad	35 meters x 28 meters																																	
Kerala	Cochin	35 meters x 28 meters																																	
Puducherry	Puducherry	35 meters x 28 meters																																	
Chhattisgarh	Raipur	40 meters x 33 meters																																	
Jammu & Kashmir	Samba (Dist. Jammu)	40 meters x 33 meters																																	
Mizoram	Aizwal	42.46 meters x 24.46 meters																																	
West Bengal	Kolkata	40.84 meters x 29.26 meters																																	
Punjab	Kapurthala	42.46 meters x 24.46 meters																																	
Nagaland	Dimapur	40 meters x 33 meters																																	

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response		
					Sikkim	Ranipur	42.46 meters x 24.46 meters
8.	2.8 Pre dispatch inspection (PDI) and Acceptance Tests	24          81	<p>Page 24 2.8 Pre dispatch inspection (PDI) and Acceptance Tests</p> <ul style="list-style-type: none"> <li>A pre dispatch inspection of the equipment to be supplied shall be performed in the presence of a team of 4 – 5 persons as decided by MoRTH for each test center. ARAI will be nodal agency for conducting the PDI</li> </ul> <p>Page 81 17.4 Pre dispatch inspection Tests</p> <p>The Bidder shall carry out the Pre dispatch inspection Tests of each Equipment in the presence of a team of 4 – 5 persons as decided by MoRTH as per the agreed plan prior to the shipment of the Equipment, at the Bidder's site.</p>	<ul style="list-style-type: none"> <li>So 50 persons in total?? In other parts of the document (17.4 – Pre-dispatch Inspection Tests), it's implied that it's only a party of 4 - 5 in total for the inspection of the whole of the material.</li> </ul>	<ul style="list-style-type: none"> <li>There will be a maximum of 5 pre-dispatch inspections consisting of appropriate no. of teams (4-5 persons per team) as decided by MoRTH.</li> </ul>		
9.	<u>Bogie Roller Set</u>	18, 37, 38	<p>Page 18</p> <ul style="list-style-type: none"> <li>Bogie Roller Set. Cited: "Embedded for heavy commercial vehicles with multi axles</li> </ul>	<ul style="list-style-type: none"> <li>We think that no vehicle inspection equipment manufacturer has implemented such a system for heavy vehicles. Adding two pairs of free-standing rollers for four-wheel drive tests in heavy vehicles per</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>		

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			<p>having more than one live axle ” ,</p> <p>Page 37, 38  “a. This device is used to perform correctly Roller Brake Tests or Speedometer Tests on MCV &amp; HCV with multi axle vehicles having more than one live axle.  b. One set of bogie roller means one bogie roller before brake tester &amp; one bogie roller after brake tester. Brake testing of tandem axle vehicles through counter rotation of wheels using software is acceptable, provided the purpose of both brake &amp; speedometer testing need to be served. At least one bogie roller should be installed in both heavy-duty lanes before speedometer testers. Braking mechanism of free roller set is to be designed by successful bidder. The bogie rollers are to be suitably designed to accommodate varying distances between axles and are to be embedded suitably to test both brake and speedometer. Varying distance for Tandem axle is 1.4m ± 0.4m.  Description:  c. The device shall be designed to ensure safety of the people that could be nearby and the vehicle so a proper restraint system shall be proposed. A proper restraint system means a device that retards people from coming close to the</p>	<p>each line would increase considerably the final price.</p>	



S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			exposed part of rotating bogie roller may be proposed.”		
10.	2.4.4 Joint Play tester	44	b. Technical specifications: <ul style="list-style-type: none"> <li>Maximum load capacity per axle of at least 15T or better</li> <li>Maximum Force per plate is at least of 40 kN</li> <li>Maximum movement on each side : 100 mm</li> <li>Length of the Test Plate : 750 mm to 1400 mm</li> <li>Minimum Width of the Test Plate : 650 mm</li> </ul>	<ul style="list-style-type: none"> <li>Is this a typo? For 40 kN, the pressure at which the equipment would have to be configured would end up damaging the components.</li> </ul>	<ul style="list-style-type: none"> <li>Maximum Force per plate is amended as “at least of 30 kN” for Heavy Duty Category.</li> </ul>
11.	Form f) References	121	1.4 – Specific References  [The Bidder is requested to fill and include in the current chapter all Specific References requested in “Annexure III Bidder’s Company Requirements”. Please use as many proformas for References (see below) as necessary. In the case one reference given by the Bidder covers more than one required Specific Reference, Bidder can merge the Specific References requirements]	<ul style="list-style-type: none"> <li>1.4 – Specific References: Elaborate more on what “Specific References” means, and on how it differs from Automotive References, Similar References and References for Approved Tests.</li> </ul>	<ul style="list-style-type: none"> <li>Details of similar projects successfully executed by the bidder can be mentioned as Specific References in Form f.</li> </ul>
12.	-	-	-	<ul style="list-style-type: none"> <li>Is there a deadline for the implementation of the project after the Bidder has been declared successful?</li> </ul>	<ul style="list-style-type: none"> <li>Please refer the provision under the clause 9.4 &amp; 9.5 under section “9. Validity of Bids” of the tender document.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
13.	10 Spare Parts	72	<p>10.2 The Contactor shall ensure that:</p> <p>(i) as at the Completion of the Works, there is a full complement of Spare Parts safely stored and packed in accordance with the Contract.</p> <p>(ii) if a Maintenance Spare Part is used by the Bidder during the commissioning/ Acceptance Tests due to shortage of Commissioning Spare Parts, the Bidder shall immediately replace, at his own cost, the Maintenance Spare Parts to ensure a full compliance of Maintenance Spare Parts at the end of commissioning/ Acceptance Tests.</p>	<ul style="list-style-type: none"> <li><u>FOR HOW MANY LINES? STORED WHERE?</u> We see that the warranty period required is of 2 years, but the spare parts are requested for 5 years of operation. Please confirm if this is a mistake. Furthermore, it is highly unlikely that the equipment of all stations breaks at the same time. Adding the cost of a set of spare parts for every test lane would represent a considerable increase in the present offer and would not be an accurate representation of the price ranges that we offers.</li> </ul>	<p>Clause 1.4 “Spare Parts List” is amended as below;</p> <p>[The Bidder is required to include in this chapter the full list of Spare Parts which will be required to ensure the needs, <b>during two years of warranty period.</b> Complete replacement of the Spare parts for operation of the Centre is the responsibility of the successful Bidder <b>during two years of warranty period.</b>]</p> <p>The estimated annual throughput as per the scheme is 21600 vehicles per lane (for LD) and 14400 vehicles per lane (for HD).</p>
14.	17. TESTING TESTING PLANS: 17.1.3	79	<ul style="list-style-type: none"> <li>MoRTH or their authorized representatives or its nominee and any other person designated by MoRTH may attend and witness the Equipment at any manufacturing stage. (page 80)</li> </ul>	<ul style="list-style-type: none"> <li>How would these inspections during the manufacturing process be organized? Would the expenses arising from them be covered by morth or shall the bidder take charge of them?</li> </ul>	<ul style="list-style-type: none"> <li>There will be no separate visit to inspect manufacturing of equipment. Manufacturing process of equipment shall be witnessed at the time of Pre-dispatch inspection visit only.</li> </ul>
15.	-	-	-	<ul style="list-style-type: none"> <li>Please provide further details on what you consider to be a “Punch List Item”.</li> </ul>	<ul style="list-style-type: none"> <li>Please refer clause 1.1.46 under “Annexure IX – General Conditions of Contract”</li> </ul>
16.	-	-	-	<ul style="list-style-type: none"> <li>Please confirm if everything is to be delivered according to CIF Incoterms 2020 (or any other of your choosing), and</li> </ul>	<ul style="list-style-type: none"> <li>For imported items, latest edition of the INCOTERMS, published by</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
				<p>destination of each and every shipment, number of deliveries (periodical, all at once , etc.) and an estimate of what items are going to be delivered in each of those shipments.</p>	<p>International Chamber of Commerce , Paris will be applicable.</p> <ul style="list-style-type: none"> <li>For shipment location please refer Table 2 under Annexure I: Scope of work of the tender document.</li> <li>For delivery schedule, please refer clause 9.4 and 9.5 under Section “9. Validity of Bids” of the Tender Document.</li> </ul>
17.	<p>“Annexure III – Bidder’s Company Requirement” Clause 1.3</p> <p>“Annexure VI Evaluation Parameters” Clause 1.2 under</p>	30 , 55	<ul style="list-style-type: none"> <li>Having supplied, installed and commissioned at least 50 test lanes in last ten years out of which at least 25 numbers must be in last five years. Test Lane supplied, installed and commissioned must comprise of at least roller brake tester, side slip tester, suspension tester and axle weight measuring equipment.</li> </ul>	<ul style="list-style-type: none"> <li>In the clause it is mentioned that Test Lane supplied, installed and commissioned must comprise of at least roller brake tester, side slip tester, suspension tester and axle weight measuring equipment.</li> <li>Our submission: Heavy duty test lane supplied anywhere does not contain Suspension tester as Suspension tester is used in Light duty test lane only.</li> <li>Our suggestion: Suspension test should be removed from HD Lane and Head Light tester may be added. Head Light tester may be added in light duty test lane also as Head light tester is used in both HD and LD Lane.</li> </ul>	<ul style="list-style-type: none"> <li>Clause 1.3 under “Annexure III – Bidder’s Company Requirement” and clause 1.2 under “Annexure VI Evaluation Parameters” are amended as below;</li> <li>Having supplied, installed and commissioned at least 50 test lanes in last ten years out of which at least 25 numbers must be in last five years . <b>Test Lane supplied, installed and commissioned must comprise of at least roller brake tester, side slip tester, suspension tester and axle weight measuring equipment for</b></li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
					<b>Light Duty test lane and at least roller brake tester, side slip tester, and axle weight measuring equipment for Heavy Duty test lane.</b>
18.	1.3 page 30/130: Bidder's Experience:		<ul style="list-style-type: none"> <li>Bidder is requested to submit a proof of having supplied and installed equipment for Inspection Stations. The references given may belong to different countries, where the Inspection regulation shall have been enforced</li> </ul>	<ul style="list-style-type: none"> <li>In adjacent clause it is mentioned that "Bidder is requested to submit a proof of having supplied and installed equipment for Inspection Stations. The references given may belong to different countries, where the Inspection regulation shall have been enforced"</li> <li>We understand that 50 Test Lanes supplied in last 10 years and 25 Test Lanes supplied in last 5 years should have been supplied on Inspection Stations to different countries where inspection regulations are enforced</li> <li>Please clarify</li> </ul>	<ul style="list-style-type: none"> <li>Yes. Your understanding is correct.</li> </ul>
19.	1. Bidder's Company requirements 1.1 Bidder:	29	<ul style="list-style-type: none"> <li>The bidder should be an OEM Company, which manufactures test lane equipment and has the capability to supply complete value of the tender. Only OEM shall be eligible to bid. However, OEMs may engage other company or companies for the services it requires</li> </ul>	<ul style="list-style-type: none"> <li>It is mentioned that OEMs may engage other company or companies for the services it requires:</li> <li>Can we engage a company for services as consortium partner?</li> <li>Please clarify.</li> </ul>	<ul style="list-style-type: none"> <li>Yes, Consortium, with maximum of 3 members, is allowed subject to provisions provided in Annexure-I. The OEM should only be the Lead Bidder. The bid will be submitted in the name of the Lead Bidder only.</li> </ul>
20.	9. VALIDITY OF BIDS	14	9.5 MoRTH will place the Purchase Order within 120 days from the date of award of contract with a staggered delivery timeline as per the respective	<ul style="list-style-type: none"> <li>Please provide information regarding site preparation of all 10 centres to understand ordering/ delivery timing of equipment.</li> </ul>	<ul style="list-style-type: none"> <li>The I&amp;C centers are almost ready to receive the test lane equipment.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			site development condition. The validity of Purchase Order of the equipment will be three years which can be further extended for another one year on same financial considerations		
21.	4.2 Installation and commissioning training	27	<ul style="list-style-type: none"> <li>After Commissioning of the centers. State government would notify the centers as Automated Testing Station (ATS) as per the provisions under notification GSR 652 (E) dated 23.09.2021</li> </ul>	<ul style="list-style-type: none"> <li>We understand that a draft notification GSR 221 E dated 25-3-2022 followed after GSR 652 (E) dated 23-09-2021. In the said draft notification Head Light Tester is considered as Semi-Automatic Whereas in this tender the Head Light is demanded as fully Automatic.</li> <li>Please clarify.</li> </ul>	<ul style="list-style-type: none"> <li>Semi-Automatic Head Light Tester will be considered.</li> </ul>
22.	2.0 Examination of Financial Proposal and Correction of Arithmetical Errors	56	<p>11. The bid price may be in foreign currencies, except for expenditure incurred in India (including incidental Works / Services rendered in India and agency commission, if any) which should be stated in Indian Rupees.</p> <p>2.2, For financial evaluation, all Bids shall be converted to Indian Rupees based on the "Bill for Collection (BC) selling" exchange rate established by the State Bank of India for similar transactions, on the last date for the bid submission.</p>	<ul style="list-style-type: none"> <li>We understand that price quoted in foreign currency for the imported items will be paid by MoRTH as it is. It will be immaterial of change in Euro to INR rate.</li> <li>For example if a bidder quotes "X" amount in Euro for the imported items. Then it will be paid the same "X" amount of Euro at the time of payment and any change in Euro/INR rate will not affect the payment.</li> <li>Please clarify.</li> </ul>	<ul style="list-style-type: none"> <li>Yes. Your understanding is correct.</li> </ul>
23.	1.2 Warranty Conditions	123	<ul style="list-style-type: none"> <li>Warranty Cost to be indicated by the Bidder separately.</li> </ul>	<ul style="list-style-type: none"> <li>Where we have to mention ??</li> <li>Warranty of 2 years is included as per tender conditions and hence its bidder's</li> </ul>	<ul style="list-style-type: none"> <li>Clause amended.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
	2. RESPONSIBILITIES	21	c. The bidder shall give the final cost which includes basic cost of equipment, all the applicable taxes including GST, duty, freight and insurance charges, transport charges up to destination, installation and commissioning and trainings, cost for design, construction & civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase & Single phase cables & drainage, compressor piping, cost for Exhaust gas handling system (to take care of exhaust of the vehicle under test) & fresh air ducting for underbody inspection pits. Exhaust gas treatment is not recommended before releasing Exhaust gas to environment through filters like particle filter, etc. The bidder shall give cost for 2 years warranty.	responsibility to provide warranty for 2 years. There is no separate cost.	
24.	-	-	-	<ul style="list-style-type: none"> <li>The project is installed/commissioned and accepted as per the tender conditions Once the project is accepted by the executive agency who will take over charge of the centre ?? Is it state government or executive agency ??</li> </ul>	<ul style="list-style-type: none"> <li>After commissioning of equipment, centers will be handed over to respective State government / Operator.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
25.	-	-	-	<ul style="list-style-type: none"> <li>There are various events to be completed as per tender document.</li> <li>And we understand that a completion report to be followed after that.</li> <li>Please share the completion report format for our clear understanding.</li> </ul>	<ul style="list-style-type: none"> <li>Please refer <b>Annexure-II</b>.</li> </ul>
26.	Annexure V III, Terms of Payment.	60	Annexure VIII, Terms of Payment. (Refer Tender Document Page 60)	<ul style="list-style-type: none"> <li>We understand from Annexure VIII that payment will be released immediately after achieving the completion of work at each mile stone.</li> <li>Please clarify.</li> </ul>	<ul style="list-style-type: none"> <li>Yes. Payment will be processed immediately after achieving the completion of work at each milestone.</li> </ul>
27.	-	-	-	<ul style="list-style-type: none"> <li>Request for details on Land filling or excavation requirement for each site along with soil test report</li> </ul>	<ul style="list-style-type: none"> <li>There is no additional requirement of earth filling for equipment foundation work. The bidder has to go for excavation, filling, civil work, drainage system, under inspection pit and its allied services as mentioned in the tender document.</li> <li>Soil Bearing capacity is varying from center to center between 10-13 T per Sqm.</li> </ul>
28.	-	-	-	<ul style="list-style-type: none"> <li>Report format for acceptance criteria of installed and commissioned ATS equipment by auditing agency.</li> </ul>	<ul style="list-style-type: none"> <li>An Indicative format for commissioning certificate is attached for reference in <b>Annexure-II</b>.</li> </ul>
29.	2.2 Software	22	f. Lane operator software shall have security locks for operator and vehicle. At each test station, test operation will	<ul style="list-style-type: none"> <li>If every workstation must have NPR to identify the vehicle 40 pieces of NPR will not be enough. Lane operator software shall have security locks for operator and vehicle.</li> </ul>	<ul style="list-style-type: none"> <li>NPR camera to be installed in each test lane. Total 40 lanes = 40 NPR cameras.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			<p>commence after scanning the operator Id. Card. &amp; Registration plate number. If the registration number plate is not readable by NPR camera , then manual selection of vehicle from booking list can be done.</p> <p>c. Each test lane should be designed to facilitate 3 to 4 individual test positions to achieve the maximum test throughput. In general, throughputs of minimum twelve (12) vehicles per hour for the light duty lane and minimum eight (8) vehicles per hour per lane for the heavy duty lane should be achievable with trained inspectors.</p>	<ul style="list-style-type: none"> <li>At each test station, test operation will commence after scanning the operator Id. Card. &amp; Registration plate number. If the registration number plate is not readable by NPR camera, then manual selection of vehicle from booking list can be done."</li> <li>The tender requires 3-4 workstation per lanes.</li> </ul>	
30.	2.3.9 Exhaust gas analyzer	41	<ul style="list-style-type: none"> <li>This equipment will be used for measurements of exhaust emissions of gasoline, CNG and LPG vehicles as per CMVR/TAP 115/116.</li> </ul>	<ul style="list-style-type: none"> <li>Exhaust gas analyzer required filters (consumables). Filter consumption is based on number of petrol/CNG/LPG vehicle test .</li> <li>We need vehicle volume.</li> </ul>	<p>The total vehicle population (excluding 2 wheelers) in India is about 8 Crores. The fuel wise percentage break of the same is as provided below:</p> <ul style="list-style-type: none"> <li>CNG Including Petrol/CNG – 6.5%</li> <li>Petrol – 35%</li> <li>Diesel – 54%</li> <li>LPG including Petrol/LPG – 2.5%</li> </ul>
31.	2.1 Technical specifications	36	2.1.1 All the supplied equipment shall meet the European Regulations (Product Safety 2001/95, Electromagnetic	<ul style="list-style-type: none"> <li>Should supply of equipment's meets commercial zone or industrial zone requirement?</li> </ul>	<p>The compressor required is screw type and not reciprocating type. The screw type compressor are normally known as silent c</p>



S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			Compatibility 89/336 (as amended by 92/31/EEC, 93/68/EEC and 2004/108/EC) as well as the regulation 60950-1:2006 on Safety and Information technology Equipment.	<ul style="list-style-type: none"> <li>Refer vehicle noise, horn noise produced during testing w.r.t to demand of compressor or noise specification.</li> </ul>	compressor and will be installed in an enclosed room. Hence, there will not be any sound interface irrespective of type of area.
32.	section 2.3, 2.4	38 to 46	2.3 inspection Lane LD 2.4 Inspection Lane HD  (Refer page 38 to 46 of tender document)	<ul style="list-style-type: none"> <li>Some dimensions mention about roller diameter, roller spacing and plate movement are not safe for operation and not good for results. (Refer page 28, 1.2.2. Bidder is required to specify special safety requirements if any)</li> <li>Should supply of equipment's meets CMV R 62, G.S.R. 652 (E) "Rules for RECOGNITION, REGULATION AND CONTROL OF AUTOMATED TESTING STATION" (ATS) or meeting table as mentioned in Annexure V.</li> </ul>	<ul style="list-style-type: none"> <li>Annexure V Characteristics of Vehicles is amended.</li> </ul>
33.	-	--	-	<ul style="list-style-type: none"> <li>Please share data structure details and report format for VAHAN interface.</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle registration related details such as vehicle make, model, chassis number, etc., are captured under VAHAN.</li> <li>All the test results needs to be integrated with the VAHAN Portal along with other vehicles details.</li> </ul>
34.	2.3.2 Axle weight measurement	39	Technical specifications of the weight system should be: <ul style="list-style-type: none"> <li>Measuring range: 0 – 3000 kg or better</li> <li>Resolution: 5 kg</li> </ul>	<ul style="list-style-type: none"> <li>Axle weighing cannot be 1% to reading, it can only be 1% to full scale.</li> <li>The defined measuring range is 0-3000 kg. 1% accuracy to 1 kg is 10 grams! Those resolution and accuracy don't exist to 3000</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			<ul style="list-style-type: none"> <li>Accuracy: <math>\pm 1\%</math> of reading</li> </ul>	kg! or even for minimum 90kg define in Annexure V	
35.	<b>2.3.6 Steering Gear Play Detector (Electronic Turn Tables)</b>	40	<p>a. This Equipment is devoted to check the free play in steering gear as per Central Motor Vehicle Rule 98. The data recorded by Electronic Turn Tables must be automatically captured by lane operation software.</p> <p>b. Technical specifications :</p> <ul style="list-style-type: none"> <li>Minimum Angular movement : <math>\pm 30^\circ</math></li> <li>Minimum diameter of turn table plate: 450 mm</li> <li>Load capacity: 5000 kg each (2 nos.)</li> </ul>	<ul style="list-style-type: none"> <li>Steering gear play detector (Electronic Turn Tables); accuracy is missing and Load capacity: 5000 kg each should be 1500 kg each</li> </ul>	<p>Clause on Load Capacity is retained.</p> <ul style="list-style-type: none"> <li>Measurement accuracy is added as follows:</li> <li>Measurement accuracy - <math>\pm 2\%</math> of full-scale deflection</li> </ul>
36.	<b>2.4.5 Steering Gear Play Detector (Electronic Turn Tables)</b>	40	<p>a. This Equipment is devoted to check the free play in steering gear as per Central Motor Vehicle Rule 98. The data recorded by Electronic Turn Tables must be automatically captured by lane operation software.</p> <p>b. Technical specifications :</p> <ul style="list-style-type: none"> <li>Minimum Angular movement : <math>\pm 30^\circ</math></li> <li>Minimum diameter of turn table plate: 450 mm</li> <li>Load capacity: 5000 kg each (2 nos.)</li> </ul>	<ul style="list-style-type: none"> <li>Steering Gear Play Detector (Electronic Turn Tables), accuracy is missing and Load capacity: 5000 kg each should be 6500 kg each</li> </ul>	<p>Clause on Load Capacity is retained.</p> <ul style="list-style-type: none"> <li>Measurement accuracy is added as follows:</li> <li>Measurement accuracy - <math>\pm 2\%</math> of full-scale deflection</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
37.	Section 2.3.5	40	b) Technical specifications: <ul style="list-style-type: none"> <li>Maximum load capacity per axle of at least 3 T.</li> <li>Maximum Force per plate is at least of 10 kN</li> <li>Maximum movement on each side :100 mm</li> <li>Minimum Length of the Test Plate : 600 mm</li> <li>Minimum Width of the Test Plate : 600 mm</li> </ul>	<ul style="list-style-type: none"> <li>Joint Play tester, Maximum Force per plate is at least of 10 KN is more than break force 6k.</li> <li>Allow to correct at least of 6 KN.</li> </ul>	<ul style="list-style-type: none"> <li>Maximum Force per plate is amended to “At least of 6 KN”</li> </ul>
38.	2.4.2 Axle weight measurement	43	b. Technical specifications of the weight system should be: <ul style="list-style-type: none"> <li>Measuring range: 3500 kg – 15000 kg or better</li> <li>Resolution: 5 kg</li> <li>Accuracy <math>\pm 1\%</math> of reading</li> </ul>	<ul style="list-style-type: none"> <li>measuring range: 3500 kg – 15000 kg will not cater 810 kg as mentioned in Annexure V. Range should be 0 kg – 15000 kg.</li> </ul>	<ul style="list-style-type: none"> <li>Amended measuring range as 0-15000 Kg.</li> </ul>
39.	-	-	-	<ul style="list-style-type: none"> <li>please allow maximum two OEM of inspection and certification equipment can jointly participate with one as lead bidder. May be each OEM must be a manufacturer of atleast 4 no's of inspection and certification equipment's.</li> </ul>	<ul style="list-style-type: none"> <li>Please refer reply at Sr. No. 19 above</li> </ul>
40.	-	-	-	<ul style="list-style-type: none"> <li>Please consider for clarification experience of supply of test lane equipment roller dynamometer, emission, OBD, Insultation tester etc. to OEM factory or certification</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
				centre/lab or testing institutes or inspection station.	
41.	1.0 Eligibility Criteria	55	<p>1.2 b. Bidder's experience shall be as below; Having supplied, installed and commissioned at least 50 test lanes in last ten years out of which at least 25 numbers must be in last five years. Test Lane supplied, installed and commissioned must comprise of at least roller brake tester, side slip tester, suspension tester and axle weight measuring equipment .</p> <p>The bidder to provide turnover details (Audited and Certified Balance Sheet and Profit/Loss account statement) of last five financial (i.e. 2016-17, 2017-18, 2018-19 &amp; 2019-20, 2020-21). Out of above, the bidder should have achieved a turnover of at least Rs. 20.00 Crores in two financial years individually in any of the last five financial years. In case the bidder is the subsidiary , then the experience and turnover of the Parent company, having majority share (at least 51%) in the subsidiary, would be admissible for consideration. However, EMD in t</p>	<ul style="list-style-type: none"> <li>For clarification purpose, please allow OEM having supplied, installed, commissioned and testing experience of test lane in automotive sector consist of roller dynamometer for performance test (speed, break, weight, power, torque, etc.), endurance test (confirmatory for maintenance of structural integrity and acceptable levels of performance over the projected service life of suspension, joint play, side slip, etc.), emission test (opacity/ smoke, exhaust gas) of at least 50 numbers testing facilities in OEM factory or certification centre/lab or testing institutes in last ten years out of which at least 25 numbers must be in last five years.</li> </ul>	<ul style="list-style-type: none"> <li>Please refer Sr. No. 17 and Sr. No. 42 of this document (reply to pre-bid document).</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			he form of bank guarantee should be submitted in the name of bidder only.		
42.	Form (f) 1.3 References for Approved Tests	123	1.3 References for Approved Tests [In response to requirement appearing in point 1.3 of “Annexure III Bidder’s Company Requirements” Bidder may provide detailed description of at least two projects where the installed equipment (turn-key inspection station) is used for approved tests and have been used for at least five years for Inspection of Vehicles. The Bidder is requested to fill and include in this chapter one proforma (see below) per each given reference.]	<ul style="list-style-type: none"> <li>Please allow at least two project where the installed equipment (turn-key in OEM factory or certification center/lab or testing institutes or inspection station) is used for approved tests and have been used for at least five years for inspection or testing of vehicles.</li> </ul>	<p>Clause amended as follows:</p> <p>1.3 References for Approved Tests [In response to requirement appearing in point 1.3 of “Annexure III Bidder’s Company Requirements” Bidder may provide detailed description of at least two projects where the installed equipment (<b>turn-key in inspection stations or Vehicle Manufacturer Factories, or certification centre/lab or NABL accredited testing institutions</b>) is used for approved tests and have been used for at least five years for Inspection of Vehicles. The Bidder is requested to fill and include in this chapter one proforma (see below) per each given reference.]</p>
43. 1	Instructions to Bidder Clause 3.10	8	<ul style="list-style-type: none"> <li>In case of response from local suppliers, purchase preference will be given to Class I local suppliers as per Public Procurement (Preference to Make in India), Order 2017, revised as on 16.09.2020.</li> <li>The bidder should be an OEM Company, which manufacturers test lane equipment and has the</li> </ul>	<ul style="list-style-type: none"> <li>As per letter No. P45021/2/2017-PP (BE-II) from Ministry of Commerce &amp; Industry, dated 4 June’2020, there is a policy of Govt. of India to encourage “Make in India”</li> <li>We have a Technology Transfer with a proven foreign company under “Make in India” initiative.</li> </ul>	<ul style="list-style-type: none"> <li>Please refer Clause 3.10 of the Tender Document under section “3.0 Instructions to Bidders”</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
	Annexure II I Clause 1.1.1	29	capability to supply complete value of the tender. Only OEM shall be eligible to bid. However , OEMs may engage other company or companies for the services it requires.	<ul style="list-style-type: none"> <li>Hence, we request to confirm us whether we will be considered as OEM and Class I local supplier if we fulfill the local content more than 50% as mentioned in Ministry of Commerce &amp; Industry letter No. P45021/2/2017-PP (BE-II) dated 4 June'2020,</li> </ul>	
44. 2	Annexure- I II Clause 1.3 Bidder's Experience.	30	<p>a. Bidder's experience shall be as below;</p> <p>Having supplied, installed and commissioned at least 50 test lanes in last ten years out of which at least 25 number s must be in last five years. Test Lane supplied, installed and commissioned must comprise of at least roller brake tester, side slip tester, suspension tester and axle weight measuring equipment.</p>	<ul style="list-style-type: none"> <li>Any automotive garage will be in need of brake tester, suspension tester, axle weight measurement &amp; side-slip tester which are main products under vehicle inspection category.</li> <li>Can our supply experience of these equipment made to OEM automotive garages will be considered as supply experience?</li> </ul>	<ul style="list-style-type: none"> <li>Please refer Sr. No. 17 and Sr. No. 42 of this document (reply to pre-bid document).</li> </ul>
45. 3	Annexure- I II Clause 1.3 (C) Bidder's Experience.	30	<ul style="list-style-type: none"> <li>Bidder is requested to submit a proof of having supplied and installed equipment for Inspection Stations. The references given may belong to different countries, where the Inspection regulation shall have been enforced. The references shall be turn-key projects, where the Bidder had full responsibility to set-up the complete station</li> </ul>	<ul style="list-style-type: none"> <li>we request to amend this clause as below :</li> <li>Bidder is requested to submit a proof of having supplied and installed equipment for <b>Inspection Stations / Automotive OEM garages</b>. The references given may belong to different countries, where the Inspection regulation shall have been enforced. The references shall be turn- key projects, where the Bidder had full responsibility to set-up the complete station</li> </ul>	<ul style="list-style-type: none"> <li>Please refer Sr. No. 17 and Sr. No. 42 of this document (reply to pre-bid document).</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
46.	Description of Work	6	<ul style="list-style-type: none"> <li>Selection of a successful bidder for delivery, installation, integration of systems and system checking, testing and commissioning of Vehicle Inspection Equipment's at the Centres, supply of special tools, and requisite software for smooth operation of the Centres. Design, construction &amp; civil work of equipment foundations including allied services</li> </ul>	<p>Please clarify,</p> <ul style="list-style-type: none"> <li>Tender does not have any details about Operation of the I&amp;C centre as "Scope of work". Unlike earlier tender floated by MORTH for same subject.</li> <li>Please confirm –</li> <li>a) Who will run operation of these Centres and the process to be adopted for shortlisting of the Operation Vendor / Partner for this Centre.</li> <li>b) If MoRTH will float the tender for operation of the centre separately after this tender.</li> </ul>	<ul style="list-style-type: none"> <li>MoRTH will float a separate tender for Operation and Maintenance of the Centres.</li> </ul>
47.	Pre Bid meeting	7	<ul style="list-style-type: none"> <li>Pre-Bid Meeting to clarify the Queries submitted:</li> <li>Pre-bid meeting will be held on 22 July 2022</li> </ul>	<ul style="list-style-type: none"> <li>It is not clear that Pre-bid meeting will be conducted online or offline. If Offline meeting will be conducted, what will be the venue details of the same?</li> <li>We are considering timing for Pre Bid Meeting "03:00 PM on 22 July 2022" as mentioned in CPP Portal (Not in RFP).</li> <li>Please confirm.</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Bid Meeting Notice has been issued on CPP Portal and the meeting was conducted on 22<sup>nd</sup> June 2022.</li> </ul>
48.	Clause-3.10 and Clause 1.1	8 & 29	<ul style="list-style-type: none"> <li>In case of response from local suppliers, purchase preference will be given to Class I local suppliers as per Public Procurement (Preference to Make in India), Order 2017, revised as on 16.09.2020.</li> </ul>	<ul style="list-style-type: none"> <li>As per Clause 3.10 (Page-8) "Make in India" Policy is trying to promote the Local Supplier and as per other Bid Condition (Clause 1.1, Page-29) is restricted with OEM only as we know there is Mostly OEM bidder in foreign country.</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			<ul style="list-style-type: none"> <li>The bidder should be an OEM Company, which manufacturers test lane equipment and has the capability to supply complete value of the tender. Only OEM shall be eligible to bid. However , OEMs may engage other comp any or companies for the services it requires.</li> </ul>	<ul style="list-style-type: none"> <li>So, Kindly reconsider this condition which restrict the Indian Bidder from participation in the said tender.</li> </ul>	
49.	5. EARNES T MONEY DEPOSIT	9	5.3 The Earnest Money Deposit of the unsuccessful Bidders will be returned without any interest by MoRTH after deciding the successful bidder.	As per GFR rule-170(ii) Amended (date 1st April 2022), Unsuccessful Bidders are eligible to receive their EMD after 1st Stage (Technical Evaluation) completion, Kindly review this Amendment.	<ul style="list-style-type: none"> <li>Accepted.</li> <li>Bid securities of the unsuccessful bidders during first stage (Technically unqualified bidders) will be returned to the bidder within 30 days of declaration of result of first stage i.e., technical evaluation.</li> </ul>
50.	9 VALIDIT Y OF BIDS	14	9.1 Bids shall be unconditional, firm and remain valid and open for acceptance for a period of 120 days & shall be extendable for additional 60 days	<p>In CPP Portal “Bid Validity” is mentioned 180 days.</p> <ul style="list-style-type: none"> <li>Please clarify.</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>
51.	9 VALIDIT Y OF BIDS	14	9.4 Delivery schedule for equipment’s at each site will be defined by MoRTH or their authorized representatives at the time of order finalization for that site based on the prevailing site conditions and estimated site work completion.	<ul style="list-style-type: none"> <li>Please confirm the site-wise status of const ruction and readiness of the Centre. Please also confirm their likely date of completion of construction i.e. when these Centre can be ready for handover to the Successful Bid der.</li> </ul>	<ul style="list-style-type: none"> <li>The I&amp;C centers are almost ready to receive the test lane equipment.</li> </ul>
52.	Annexure I: Scope of Su pply	18	<ul style="list-style-type: none"> <li>Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, epoxy</li> </ul>	<ul style="list-style-type: none"> <li>Drainage is shown as one of the items in the scope of the bidder. It is presumed that it pertains to the drainage of only test lanes and excludes washrooms and general water</li> </ul>	<ul style="list-style-type: none"> <li>Yes. Your understanding is correct.</li> </ul>



S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
	1. Elements to be Supplied		coating for the flooring, conduiting for cables including 3 phase & Single phase cables & drainage, compressor piping will also be scope of the bidder.	drainage system for I & C Complex as a whole. <ul style="list-style-type: none"> <li>Kindly Confirm</li> </ul>	
53.	List of Equipment Clause 1.1	20	<ul style="list-style-type: none"> <li>The purpose of CCTV cameras to be installed in underbody inspection pits is to monitor &amp; record underbody inspections being carried out by operator. CCTV footage of underbody inspections, need to be stored on central server of the center.</li> </ul>	<ul style="list-style-type: none"> <li>CCTV footage is required to be stored on the central server. In our opinion, it should be delinked from central server and this footage can be stored in a separate storage. Please specify the time frame for storing this footage, which should not be unlimited .</li> <li>Please Confirm</li> </ul>	<ul style="list-style-type: none"> <li>CCTV footage is required to be stored on the central server for a period of at least 6 months.</li> </ul>
54.	Software Clause 2.2 c	22	<ul style="list-style-type: none"> <li>Each test lane should be designed to facilitate 3 to 4 individual test positions to achieve the maximum test throughput. In general, throughputs of minimum twelve (12) vehicles per hour for the light duty lane and minimum eight (8) vehicles per hour per lane for the heavy duty lane should be achievable with trained inspectors.</li> </ul>	<ul style="list-style-type: none"> <li>As per our experience throughputs of minimum ten (10) vehicles per hour for the light duty lane and minimum Six (6) vehicles per hour per lane for heavy duty vehicles should be achievable.</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>
55.	Annexure -1 Exclusions Clause 3	25	<ul style="list-style-type: none"> <li>Respective state government shall bear the complete cost including statutory cost for providing required electricity load for 4 lane test center. Respective State government sh</li> </ul>	<ul style="list-style-type: none"> <li>All statutory payments for getting initial water, internet and electricity should be borne by the State Government/Executing agencies.</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			all provide the water, sewage system as well as waste disposal system at the center.	<ul style="list-style-type: none"> <li>Only running consumption charges after commissioning should be borne by the bidder.</li> <li>During the construction phase, only the temporary electricity connection should be taken by the executive agency.</li> <li>Permanent electricity connection should be taken at the time of installation only to avoid unnecessary huge payments for fixed charges which depends on connected load.</li> <li>Please confirm</li> </ul>	
56.	Clause 3.2 (c) And Clause 3.3 (b)	25/26	<ul style="list-style-type: none"> <li>Clause 3.2 (c) The successful Bidder shall commit a maximum response time of 24 hours after the breakdown is reported by the executing agencies representative, which is accepted by the center operators (appointed separately by executing agency/State Government),</li> </ul>	<ul style="list-style-type: none"> <li>What will be the process for appointment of Centre Operators by Executing agency or State Government?</li> <li>Please Clarify.</li> </ul> <p>Clause 3.3 (b) "...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 by executing agencies representative and accepted by operator / technician operating the Centre, independently from the cause of the breakdown."</p>	<ul style="list-style-type: none"> <li>MoRTH will float a separate tender for Operation and Maintenance of the Centers.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
57.	Clause 3.1 (a) Clause 3.3 (a) and Clause 3.4	25/26	<ul style="list-style-type: none"> <li>Clause 3.1 (a) Warranty and Maintenance of the equipment will have to be borne by the successful Bidder,</li> <li>Clause 3.3 (a) The successful Bidder shall be required to provide a comprehensive warranty of minimum two years after completion of successful installation and commissioning at site, for equipment supplied under this tender.</li> <li>Clause 3.4 Warranty - The successful bidder will be responsible for providing 2 year s warranty services.</li> </ul>	<ul style="list-style-type: none"> <li>Who will be responsible for Maintenance of Equipment after 2 years completion of installation and commissioning?</li> <li>Or else Department is going to float a separate tender for the AMC and what should be the process and conditions.</li> <li>Please clarify</li> </ul>	<ul style="list-style-type: none"> <li>MoRTH will float a separate tender for Operation and Maintenance of the Centers.</li> </ul>
58.	Clause 3.5	26	<p>Spares, Wear parts</p> <ul style="list-style-type: none"> <li>The successful Bidder is required to have critical / essential spare parts stored in India</li> </ul>	<ul style="list-style-type: none"> <li>After 2 years of Installation &amp; commissioning, when the warranty period is over, who will be responsible to provide Spare parts to Centre Operator and on what terms and condition?</li> </ul>	<ul style="list-style-type: none"> <li>After initial 2 years of operations of the centers, the centers will be taken over by the State Government for operations and AMC.</li> </ul>
59.	Clause 3.3 (a) 3rd para	26	<ul style="list-style-type: none"> <li>In case a lane is non-operational for more than 100 hours in a year, Rs. 1000 charges per hour/ per non-operational lane would be charged to the successful bidder This clause is pertaining to non-operation of lanes due to</li> </ul>	<ul style="list-style-type: none"> <li>As Equipment OEM's are manufacturer of the Test Lane and their roles are limited to manufacturing, supply, installation &amp; commissioning.</li> <li>OEMs do not have any experience of operation of I&amp;C Centre</li> <li>OEM's do not have any experience in conducting fitness tests of the Vehicles.</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
			breakdown of lane equipment only.	<ul style="list-style-type: none"> <li>OEM's does not have software required for lane operations.</li> <li>In view of above facts we request to consider as follows:</li> <li>OEM should not be lead bidder. It may be a consortium partner.</li> <li>Combined Tender with Operational Part of minimum 10 years.</li> </ul>	
60.	1. Bidder's Company requirements	29	1.1.1 The bidder should be an OEM Company or a Consortium with OEM Company as Leader, which manufacturer's test lane equipment and have the capability to supply complete value of the tender.	<ul style="list-style-type: none"> <li>As most of the contract revenues come from the operation, and the purpose of the contract requires experience in the management and operation of vehicle inspection centers, which the OEMs do not have. Therefore, we request that any member of the Consortium with the required operational experience may be considered as the lead bidder rather than setting the OEM alone as the lead bidder.</li> </ul>	<ul style="list-style-type: none"> <li>The provisions regarding eligibility of the bidder as defined under the tender document – Clause 1.1 under Annexure III – Bidder's Company Requirement is retained.</li> </ul>
61.	Annexure I V Equipment Details Point 2.3.7 & 2.4.6	40, 44	2.3.7 Fully Automatic Head Light Tester & 2.3.7 Fully Automatic Head Light Tester (Refer Tender Document page 40 & 44)	<ul style="list-style-type: none"> <li>We understand that a draft notification GSR 221 E dated 25-3-2022 followed after GSR 652 (E) dated 23-09-2022. In the said draft notification Head Light Tester is considered as Semi-Automatic whereas in this tender document the Head Light is demanded as fully Automatic.</li> <li>Please clarify.</li> </ul>	<ul style="list-style-type: none"> <li>Semi-Automatic Head Light Tester will be considered.</li> </ul>
62.	Annexure-I V- Equipment Details Clause-1	32	<ul style="list-style-type: none"> <li>The test systems shall require flexibility to facilitate easy implementation of new test functionality, modifications for</li> </ul>	<ul style="list-style-type: none"> <li>If such new test added in future and if such test requires additional equipment as well as space for its installation, then please confirm who will pay the cost for that</li> </ul>	<ul style="list-style-type: none"> <li>Respective state government will pay the cost of any additional</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
	Functional Requirements		changes of the law and new vehicle functionality over the life of the test systems.	equipment and how it will be installed in the same lane.	equipment, if required during operation of centers.
63.	Annexure V:	54	<ul style="list-style-type: none"> <li>Annexure V: Characteristics of Vehicles to be Tested</li> </ul>	<ul style="list-style-type: none"> <li>Characteristics mentioned in GSR 652 (E) dated 23.09.2021 is different from Annexure-V,</li> <li>Kindly Review.</li> </ul>	<ul style="list-style-type: none"> <li>Annexure V: Characteristics of Vehicles to be Tested – is amended.</li> </ul>
64.	Clause 1.2 of Annexure VI	55	1.2 Bidder must be an Original Equipment Manufacturer (OEM).	<ul style="list-style-type: none"> <li>Generally OEM's are manufacturer of the Test Lane and their roles are limited to manufacturing, supply, installation &amp; commissioning and providing after sales service of spare parts and AMC during the project tenure.</li> <li>OEMs do not have any experience of operation of I&amp;C Centre.</li> <li>In tender also various clauses have demanded such as bidder should have installed and operated the government authorized inspection centres. Which is beyond the experience of an OEM. Please refer the clauses mentioned in Annexure III.</li> <li>A lead bidder should be an expertise entity who has sufficient experience of operating the I&amp;C Centre.</li> <li>This is a global practice a lead bidder is an operator rather than a test lane manufacturer. In view of above facts we request to consider as follows</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
				<ul style="list-style-type: none"> <li>OEM should not be lead bidder. It may be a consortium partner.</li> </ul>	
65.	Annexure V III: Terms of Payment Clause 1.		<ul style="list-style-type: none"> <li>A) Equipment foundation work: 80 % payment of the item value (quoted) shall be made after completion of Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, conducting for cables including 3 phase &amp; Single phase cables &amp; drainage, compressor piping at each site. Balance 20% will be paid after epoxy coating for the flooring and completion of equipment commissioning.</li> </ul>	<ul style="list-style-type: none"> <li>90% of the foundation work will be completed before starting of installation of the Equipment as installation of equipment activity cannot start before that. It is requested to kindly amend the payment condition as - 90 % payment of the item value (quoted) shall be made after completion of Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, conducting for cables including 3 phase &amp; Single phase cables &amp; drainage, compressor piping at each site. Balance 10% will be paid after epoxy coating for the flooring and completion of equipment commissioning. Please also consider that sometimes it takes even over 4 to 5 months for conducting of PDI by MORTH team after submitting request for conducting PDI so, payments are very much delayed.</li> </ul>	<ul style="list-style-type: none"> <li>Original Clause is retained.</li> </ul>
66.	Annexure V III: Terms of Payment	60	<ul style="list-style-type: none"> <li>Terms of Payment (refer page 60 of tender document)</li> </ul>	<ul style="list-style-type: none"> <li>There is no time period mentioned in the terms of Payment regarding in how many days payment will be released to the Bidder after achievement of the "milestone as per terms of payment". As per our experience it takes sometimes even over 3 to 4 months for release of the payment after submission of invoice with complete documentation of completion of all activities by the bidder.</li> </ul>	<ul style="list-style-type: none"> <li>Payment terms defined in "Annexure VIII: Terms of Payment" of the tender document shall be followed.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
				<ul style="list-style-type: none"> <li>Please define a time frame for release of the legitimate payments of the Bidder. There should be also provision of payment of interest in case of delayed payment then stipulated timeframe.</li> </ul>	
67.	Annexure-I X General Conditions of Contract Clause 30.1 MORTH Obligations	92-93	<ul style="list-style-type: none"> <li>MoRTH obligation: not withstanding anything contained in the Contract and in addition to and not in derogation or substitution of any of its other obligations under the Contract, MoRTH shall:</li> </ul> <p>iii. upon written request from the Bidder, use reasonable endeavors to assist the Bidder with procuring assistance in obtaining access to all necessary infrastructure facilities and utilities, including water, electricity and telecommunication facilities at rates and on terms no less favorable to the Bidder than those generally available to commercial customers receiving substantially equivalent facilities/utilities.</p>	<ul style="list-style-type: none"> <li>As per experience it is noticed that getting some essential utilities like water connection, electricity, Telephone / internet connection takes a lot of time and if the Center Operation starts in between without required utilities for which State Government are responsible then this issue become dispute between selected Bidder and State Government for paying the expenses of water tankers, diesel, etc. So, please define a clause as condition of the tender that in such situation State Government will be responsible for the payment of consumption of such utilities.</li> </ul>	<ul style="list-style-type: none"> <li>The scope of work in this tender is limited to supply, installation and commissioning of equipment.</li> </ul>
68.	Form j)	129	<p>Form j) Financial Proposal</p> <ul style="list-style-type: none"> <li>Excel document included separately</li> </ul>	<ul style="list-style-type: none"> <li>Excel sheet for breakup of prices is Not available on e-procurement Portal.</li> </ul>	<ul style="list-style-type: none"> <li>The Breakup of prices should be filled and uploaded as a pdf in the slot provided for "Financial Bid".</li> <li>Further, BOQ also need to be uploaded in the appropriate link for Financial Bid. The format is uploaded on the portal.</li> </ul>

S. No	Clause No.	Page No.	Clause as per RFP	Observations & Queries	Response
					<ul style="list-style-type: none"> <li>Please note that – Financial proposal <b><u>should not be uploaded in the link provided for Technical Bid.</u></b></li> </ul>
69.	CPP Portal	-	-	<ul style="list-style-type: none"> <li>Cover Details. No. of Covers -2</li> <li>Which documents we have to upload in PDF Format under “Financial Proposal Document Type” of Finance Cover.</li> <li>Please Clarify.</li> </ul>	<ul style="list-style-type: none"> <li>All the documents related to Technical proposal shall be uploaded in the provision under “Technical Bid”.</li> <li>Under the link provided for Financial Bid, upload the pdf with breakup of prices and also the BOQ in the appropriate place.</li> </ul>



**Annexure I: Consortium Conditions (To be read as additional Clause 1.1.1 (a) of Annexure III: Bidder's Company Requirement of the tender document)**

In case of Consortium the maximum no. of members are restricted to three only. However, only OEM should be the Lead member and will be considered as Bidder for the Tender. The lead bidder of consortium should have a valid GST number. The information about the Consortium needs to be furnished as per **Form h**). No consortium member shall be part of any other consortium.

The tender form shall be submitted only in the name of the Lead member and not in the name of any constituent member. EMD shall be submitted only in the name of the lead member and not in the name of other consortium member.

A copy of Memorandum of Understanding (MOU) executed by the Consortium members shall be submitted by the leader along with the tender. The complete details of the members of the Consortium, their share and responsibility in the Consortium etc. particularly with reference to financial, technical and other obligations shall be furnished in the MOU.

Once the tender is submitted, the MOU shall not be modified / altered / terminated during the validity of the tender. In case the tenderer fails to observe/comply with this stipulation, the full Earnest Money Deposit (EMD) shall be liable to be forfeited.

After the contract has been awarded, alteration / change in the constitution of Consortium shall not be allowed during the current contract period.

On issue of LOA (Letter Of Acceptance), an agreement among the members of the Consortium (to whom the work has been awarded) shall be executed and got registered before the Registrar of the Companies under Companies Act or before the Registrar/Sub-Registrar under the Registration Act, 1908. This Agreement shall be submitted by the Consortium to MoRTH before signing the contract agreement for the work. In case the tenderer fails to observe/comply with this stipulation, the full Earnest Money Deposit (EMD) shall be forfeited and other penal actions due shall be taken against partners of the Consortium and the Consortium. This Joint Venture Agreement shall have, inter-alia, following Clauses:

Joint and Several Liability - Members of the Consortium to which the contract is awarded, shall be jointly and severally liable to MoRTH for execution of the project in accordance with General and Special Conditions of Contract. The Consortium members shall also be liable jointly and severally for the loss, damages caused to MoRTH during the course of execution of the contract or due to non-execution of the contract or part thereof.

Duration of the Agreement - It shall be valid during the entire currency of the contract including the period of extension, if any after the work is completed.

Governing Laws- The Agreement shall in all respect be governed by and interpreted in accordance with Indian Laws.

Authorized Member - Only Lead Bidder shall be the authorized member on behalf of the Consortium to deal with the tender, sign the agreement or enter into contract in respect of the said tender, to receive payment, to witness joint measurement of work done, to sign measurement books and similar such action in respect of the said tender/contract. All notices/correspondences with respect to the contract would be sent only to this authorized member of the Consortium.

- No member of the Consortium shall have the right to assign or transfer the interest right or liability in the contract without the written consent of the other members and that of MoRTH in respect of the said tender/contract. Documents to be enclosed by the JV Firm along with the tender:
- In case one or more of the members of the Consortium is/are partnership firm(s), following documents shall be submitted:
  - a. Notary certified copy of the Partnership Deed,
  - b. Consent of all the partners to enter into the Agreement on stamp paper of appropriate value (in original).
  - c. Power of Attorney (duly registered as per prevailing law) in favour of one of the partners of the partnership firm to sign the Agreement on behalf of the partnership firm and create liability against the firm.
- In case one or more members is/are Proprietary Firm or HUF, the following documents shall be enclosed:

Affidavit on Stamp Paper of appropriate value declaring that his/her Concern is a Proprietary Concern and he/she is sole proprietor of the Concern OR he/she is in position of "KARTA" of Hindu Undivided Family (HUF) and he/she has the authority, power and consent given by other partners to act on behalf of HUF.
- In case one or more members is/are limited companies, the following documents shall be submitted:
  - a. Notary certified copy of resolutions of the Directors of the Company, permitting the company to enter into an agreement, authorizing MD or one of the Directors or Managers of the Company to sign Agreement, such other documents required to be signed on behalf of the Company and enter into liability against the company and/or do any other act on behalf of the company.
  - b. Copy of Memorandum and Articles of Association of the Company. If documents are in language other than English, then both, original document & notarized copy of its English translation need to be submitted.
  - c. Power of Attorney (duly registered as per prevailing law) by the Company authorizing the person to do/act mentioned in the para (a) above.

- All the Members of Consortium shall certify that they are not black listed or debarred by MoRTH or any other Ministry/Department of the Govt. of India/State Govt. or any other country from participation in tenders/contract on the date of opening of bids either in their individual capacity as members of the Consortium or the Consortium in which they were/are members.
- If consortium (restricted to maximum 3 members including leader), information needs to be furnished as per **form h)** along with a declaration from the leader that they are not part of any other consortium bidding for this work.
- Bidder's experience as individually or collectively as a consortium shall be considered. However, turnover criteria should be satisfied by Lead member of the consortium individually.

#### **Addition information in Form –h as under**

#### **1.5 Consortium Information**

In case of application under 'Consortium' additional documents:

<b>Sr. No.</b>	<b>Description of Document</b>	<b>No. of pages</b>	<b>Remarks, if any</b>
1	MOU between consortium members		
2	Company Profile with details of address for communication, contact person & his contact details, web-site etc. of members other than those submitted above		
3	Financial results for last five years, of members other than those submitted above		

## Annexure II

### Tentative format for Commissioning Certificate

**Subject:** Commissioning activity conducted at -(Name of Centre)- Inspection & Certification Center by -(Name of Bidder)- on -(DATE)- and submission of commissioning report.

**Reference:** Tender No. ----- for supply, Installation & operation of vehicle Inspection equipment at I&C Center.

With respect to equipment installed at model I & C Center at -(Name of Centre)-, -(Name of Bidder)- had organized commissioning activities for all lanes (\_\_HD + \_\_LD). \_\_\_\_\_ team was deputed to witness the commissioning activities.

During the visit, following activities (Tentative) were demonstrated by -(Name of Bidder)-:-

- List of Equipment supplied with serial number as per Annexure II.
- Calibration of all equipment installed in all the lanes.
- Functional trials for each light duty lane for functional verification of each station were conducted using light duty vehicles. Functioning of each station in the light duty lane was found satisfactory.
- Functional trials for each Heavy duty lane for functional verification of each station were conducted using heavy duty vehicles. Functioning of each station in the heavy duty lane was found satisfactory.
- Working of entire I & C Center was verified against the process flow chart submitted by -(Name of Bidder)-. This was found satisfactory.
- The IT platform commissioned in I & C Center and the software development by -(Name of Bidder)- was verified against the functionalities as per the tender document and found satisfactory.
- The document pertaining to calibration tests as well as various functionality test conducted are submitted by -(Name of Bidder)-.
- It is hereby declared that the commissioning of the model I&C Center at -(Name of Centre)- has been carried out satisfactorily.
- The Commissioning Certificate is issued on -(DATE)-.
- The Acceptance certificate will be issued one month after successful operation by selected operator.

Executing agency

Signature with Stamp & Designation

CC: 1. Office of the Transport Commissioner, (STATE)

2. Under Secretary, MoRTH

Equipment Details with Serial Number (Tentative Format)				
Equipment	Description	Serial No.	Console No.	Lane No.

This is to certify that above equipment has been successfully installed and commissioned at ----- by -----  
 -----

## Form j) Financial Proposal

(To be scanned and uploaded)

**SECTION- A: Quantity of Items to be supplied.**

**SECTION- B: MAJOR ELEMENTS OF THE PACKAGE (With Ex-Factory prices)**

Here the Bidder shall quote their item rate for the Major Elements of the Package Only. In case of Imported scope of supply Bidder shall quote their lump sum price for the Major Elements of the Package

**SECTION- C: Delivery Charges (PACKAGING AND FORWARDING, Transportation upto sites, etc.)**

Here the Bidder shall quote their lump sum price for the charges mentioned above for the Major Elements, complete with all necessary documents etc., considering all the deliverables and the terms & conditions of this tender up to the sites.

**SECTION- D: GST & ALL OTHER APPLICABLE TAXES & DUTIES** (GST & All other Taxes and Duties to be applied as on the date of quoting the prices & no changes would be allowed subsequently.)

Here the Bidder shall quote their lump sum price for all the applicable taxes and duties with present prevailing rates.

**SECTION- E:** Net rate for each item after adding all the taxes.

**SECTION- F : Total price (A x E)**

Note: The bid price may be in foreign currencies, except for the expenditure incurred in India (including incidental works/services rendered in India and agency commission, if any) which should be stated in Indian Rupees.

[illegible]

## Financial form K)

[illegible]

[illegible]



<p align="center"><b>SECTION - G: Price for Trainings and Operation</b></p> <p>The bid price may be in foreign currencies, except for the expenditure incurred in India (including incidental works/services rendered in India and agency commission, if any) which should be stated in Indian Rupees.</p>	
--	--

The bid price may be in foreign currencies, except for the expenditure incurred in India (including incidental works/services rendered in India and agency commission, if any) which should be stated in Indian Rupees.

The Bidder Shall not change any content of the items as given below			UNDER SECTION - G Lump sum price (In Figures)					
			Inspection Lane A (LCV)		Inspection Lane B (HCV)		Total	
Sl. No.	Ref:	Description of item	Currency (in INR)	Currency (others)	Currency (in INR)	Currency (others)	Currency (in INR)	Currency (others)
1	Annexure 1	Pre-dispatch inspection Training as specified in Scope of Supply (Annexure I)						
		Applicable Taxes (PDI Training)						
2	Annexure 1	Installation and commissioning Training as specified in Scope of Supply (Annexure I) at the sites						
		All Applicable Taxes (Installation & Commissioning Training)						
		<b>TOTAL OF SECTION - G (In figures &amp; Words)</b>						

<b>SECTION - H : Price for Installation &amp; Commissioning of all elements and Design, construction &amp; civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase &amp; Single phase cables &amp; drainage, compressor piping.</b>  Here the Bidder shall quote their lump sum price for Installation & Commissioning of all elements covered under SECTION B and D including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase & Single phase cables & drainage, compressor piping. The applicable Tax Deduct at Source (TDS) will be deducted for work order.  Note: The bid price may be in foreign currencies, except for the expenditure incurred in India (including incidental works/services rendered in India and agency commission, if any) which should be stated in Indian Rupees.								
The Bidder Shall not change any content of the items as given below			<b>UNDER SECTION - H</b> <b>Lump sum price (In Figures)</b>					
			Inspection lane A		Inspection lane B		Total	
Sl. No.	Ref:	Description of item	Currency (in INR)	Currency (others)	Currency (in INR)	Currency (others)	Currency (in INR)	Currency (others)
1	Annexure 1	Installation & Commissioning of all elements						
1	Annexure 1	Design, construction & civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase & Single phase cables & drainage, compressor piping for one center						
1	Annexure 1	Design, construction & civil work of equipment foundations including allied services like test shed trimix flooring, epoxy coating for the flooring, conduiting for cables including 3 phase & Single phase cables & drainage, compressor piping for Ten centers						
2		All Applicable Taxes						
<b>TOTAL OF SECTION - H (In figures &amp; Words)</b>								

SECTION - I: Total price for the Package								
Here the Bidder shall quote their Total lump sum price for the entire package, which shall be the total of prices at SECTION A,B,C & D. This amount shall be considered as the contract sum for this package, considering all the deliverables and terms & conditions of this tender. Arithmetical errors if any, committed by the Bidder, in this financial form (k) shall be governed as per Annexure-VI, 'Evaluation Parameters'.								
The Bidder Shall not change any content of the items as given below			UNDER SECTION- I Lump sum price					
			Inspection lane A		Inspection lane B		Total	
Sl. No.	Description of item	Currency Component	Currency (in INR)	Currency (others)	Currency (in INR)	Currency (others)	Currency (in INR)	Currency (others)
1	Total Price [SECTION F+G+H]	(in words)						
		(in figures)						
2	TOTAL PRICE FOR THE PACKAGE	(in words)						
		(in figures)						