

**DESIGN, MANUFACTURE, SUPPLY, TESTING,  
COMMISSIONING AND TRAINING OF 30 NOS. OF  
STANDARD GAUGE CARS FOR AHMEDABAD METRO  
RAIL PHASE-II PROJECT**

**Bid: GMRC/RS3**

**Part – 1: Bidding Procedures**

**Section III – Evaluation and Qualification Criteria**

## **Section III: Evaluation and Qualification Criteria**

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This Section contains all the criteria that the Employer shall use to evaluate bids and qualify Bidders, in accordance with ITB 30, ITB 33, ITB 34 and ITB 37. The Bidder shall provide all the information requested in the forms included in Section IV, Bidding Forms.

### **1 Evaluation of Initial Filter Cum Qualification Requirement (IFCQR) Bid**

Completeness and responsiveness of the Initial Filter cum Qualification Requirement Bid will be assessed according to the Responsiveness Criteria of ITB 30.1.

The following table contains all criteria and requirements the Bidders shall meet to be considered as eligible and qualified for the execution of the works and services:

<b>1.1 Eligibility</b>						
<b>Criterion</b>	<b>Requirement</b>	<b>Single Entity</b>	<b>Joint Venture (existing or intended)</b>			<b>Submission Requirements</b>
			<b>All Parties Combined</b>	<b>Each Member</b>	<b>One Member</b>	
<b>1.1.1 Nationality</b>	Nationality in accordance with ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI-1.1 and ELI-1.2, with attachments
<b>1.1.2 Conflict of Interest</b>	No conflicts of interest in accordance with ITB 4.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of IFCQR Bid
<b>1.1.3 AFD Eligibility</b>	Not being ineligible to AFD financing, as described in ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Statement of Integrity and Environmental and Social Responsibility
<b>1.1.4 State-Owned Entity</b>	Meet conditions of ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI-1.1 and ELI-1.2, with attachments

1.2 Historical Contract Non-Performance						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
<b>1.2.1 History of Non-Performing Contracts</b>	Termination of a contract <sup>1</sup> did not occur as a result of contractor's default in the last five (5) years.	Must meet requirements	Must meet requirements	Must meet requirements <sup>2</sup>	N/A	Form CON-2
<b>1.2.2 Suspension Based on Execution of Bid Securing Declaration by the Employer</b>	Not under suspension based on execution of a Bid Securing Declaration pursuant to ITB 4.4.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of IFCQR Bid
<b>1.2.3 Pending Litigating</b>	All pending litigation shall in total not represent more than one hundred percent (100%) of the Bidder's net worth and shall be treated as resolved against the Bidder.	Must meet requirement	N/A	Must meet requirement	N/A	Form CON-2

<sup>1</sup> Non-performance shall include all terminations of contracts where (a) non-performance was not challenged by the Bidder, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the Bidder. Non-performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism.

<sup>2</sup> This requirement also applies to contracts executed by the Bidder as JV member.

1.3 Financial situation and Performance						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
1.3.1 Financial Capabilities	<p>(i) It is necessary that the firm can withstand the Cash Flow that the contract will require until payment received from Employer. Liquidity therefore becomes an important consideration.</p> <p>This can be seen from the balance sheets and/or from the banking reference. Net current assets {(Current assets + loans &amp; advances) – (current liabilities + provision)} or documents including banking reference, should show that the Bidder has access to or has available liquid assets, lines of credit and other financial means to meet cash flow INR 200 million for this contract, net of Bidder’s commitments for other Contracts. Banking reference should contain in clear terms that in case LOA is issued to the Bidder, the bank will be in a position to lend for this work to the Bidder/member of the Joint Venture/Consortium preferably in the form given in Section IV: Bidding Forms and Schedules - Bidder’s Qualification- Form FIN-3.3(b). In case the Net Current Assets (as seen from the Balance Sheets) are negative, only the Banking references will be considered. Otherwise the aggregate of the Net Current Assets and submitted Banking references will be considered for working out the Liquidity.</p> <p>Liquidity of INR 200 million available: Pass</p> <p>Liquidity of INR 200 million not available: Fail</p> <p>In case of a Joint Venture/Consortium, the above evaluation will be done in totality after applying pro-rata percentage participation of each member and not as individual member. For e.g., if there are three members in a Joint Venture/Consortium with pro-rata percentage participation of ‘A%’, ‘B%’ and ‘C%’ and the calculated liquidity of the</p>	Must meet requirement	Must meet requirement	N/A	N/A	Form FIN–3.1 with attachments, Form FIN-3.3 (a), and Form FIN-3.3 (b)

1.3 Financial situation and Performance						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
	<p>respective members are 'X', 'Y' and 'Z', then the evaluation for the above criteria will be based on the pro-rata percentage applied algebraic aggregate i.e. 'AX+BY+CZ'.</p> <p>(ii) The minimum requirements to 'Pass' this criteria is that the Balance sheets should indicate that the Net Worth of the Bidder (to be obtained from audited Balance Sheet) shall be positive in the audited statement of any 3 of the last 5 financial years. The financial year as applicable in the country of origin of the bidders would be considered. The 'last financial year' will be the latest financial year that ended on or before 31.03.2021.</p> <p>In case of a Joint Venture/Consortium, the above evaluation will be done in totality after applying pro-rata percentage participation of each member and not as individual member. For e.g., if there are three members in a Joint Venture/Consortium with pro-rata percentage participation of 'A%', 'B%' and 'C%' and the Net Worth of the respective members are 'U', 'V' and 'W', then the evaluation for the above criteria will be based on the pro-rata percentage applied algebraic aggregate i.e. 'AU+BV+CW'.</p>					
	<p>(ii) The minimum requirements to 'Pass' this criteria is that the Balance sheets should indicate that the Net Worth of the Bidder (to be obtained from audited Balance Sheet) shall be positive in the audited statement of any 3 of the last 5 financial years. The financial year as applicable in the country of origin of the bidders would be considered. The 'last financial year' will be the latest financial year that ended on or before 31.03.2021.</p> <p>In case of a Joint Venture/Consortium, the above evaluation will be done in totality after applying pro-rata percentage participation of each member and not as individual member. For e.g., if there are three members in a Joint Venture/Consortium with pro-rata percentage participation of 'A%', 'B%' and 'C%' and the Net Worth of the respective members are 'U', 'V' and 'W', then the evaluation for the above criteria will be based on the pro-rata percentage applied algebraic aggregate i.e. 'AU+BV+CW'.</p>	Must meet requirement	Must meet requirement	N/A	N/A	Form FIN-3.1, with attachments
<b>1.3.2 Minimum Average Annual Turnover</b>	<p>The minimum requirements to 'Pass' this criteria is that the Average Annual Turnover for the last five financial years for Rolling Stock manufacture only (in terms of rupee equivalent adjusted to last date of the financial year that ended on or before 31.03.2021. by assuming 5% escalation for Indian Rupee and 2% for foreign currency per year) shall not be less than INR 1170 million.</p> <p>The value of annual turnover shall be calculated as total certified payments received for Contracts in progress and/or</p>	Must meet requirement	Must meet requirement	N/A	N/A	Form FIN-3.2 (a) and Form FIN 3.2 (b)

1.3 Financial situation and Performance						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
	<p>completed, within last Five Financial years divided by Five years.</p> <p>The financial year as applicable in the country of origin of the bidders would be considered. The 'last financial year' will be the latest financial year that ended on or before 31.03.2021.</p> <p>In case of a Joint Venture/Consortium, the above evaluation will be done in totality after applying pro-rata percentage participation of each member and not as individual member. For e.g., if there are three members in a Joint Venture/Consortium with pro-rata percentage participation of 'A%', 'B%' and 'C%' and the Average Annual Turnover of the respective members are 'X', 'Y' and 'Z', then the evaluation for the above criteria will be based on the pro-rata percentage applied algebraic aggregate i.e. 'AX+BY+CZ'.</p>					
<b>1.3.3 Available Bid Capacity</b>	As per below mentioned methodology.	Must meet requirement	Must meet requirement	N/A	N/A	Form FIN-3.2 (b), FIN-3.4(a) & FIN-3.4(b)
<p><b><u>Methodology for Working out the Available Bid Capacity</u></b></p> <p>The Bidders will be qualified only if their available bid capacity is more than INR 2580 million. Available bid capacity will be calculated as under:</p> <p>Available Bid Capacity = 2AN-B</p> <p>Where,</p> <p>A = Maximum value of Rolling Stock manufacture in any one (1) year during the last five (5) years</p> <p>N = No. of years in which supply and commissioning is to be made (N = 2.2 years in this case)</p> <p>B = Value [at price level as on the twenty-eight days prior to 'date for Bid submission' of on-going works (works in hand) to be completed during next 2.2 years starting from the twenty-eight days prior to 'date for Bid submission'.</p> <p><b>Note:</b></p>						

<b>1.3 Financial situation and Performance</b>						
<b>Criterion</b>	<b>Requirement</b>	<b>Single Entity</b>	<b>Joint Venture (existing or intended)</b>			<b>Submission Requirements</b>
			<b>All Parties Combined</b>	<b>Each Member</b>	<b>One Member</b>	
	<p>In case of a Joint Venture/Consortium, the above formula will be applied to each member to the extent of his proposed percentage (%) participation in the execution of the work. The Bid Capacity of the Joint Venture/Consortium will be the sum total of the Bid Capacity of each member of the Joint Venture/Consortium as calculated above.</p> <p>Value of 'A': The maximum value of Rolling Stock manufactured in any one year during last five (5) years ('A' in the above formula) shall be the maximum turnover of Rolling Stock manufactured in any one (1) financial year during the last five(5) financial years. Financial year as applicable in the country of origin of the bidders would be considered. The turnover of Rolling Stock manufactured to be furnished in response to Section-IV: Bidding Forms and Schedules: Form FIN-3.2 (b) shall be considered for evaluating the value 'A' in above formula and the details furnished by the Bidder shall be supported with audited copies, duly certified by Independent chartered accountant/CPA, indicating Annual turnover of Rolling Stock only.</p> <p>Value of 'B': The value of ongoing works (works in hand) ('B' in the above formula) as furnished in response to Section-IV: Bidding Forms and Schedules: Form FIN-3.4 (a) and FIN-3.4 (b) shall be considered. The 'twenty-eight days prior to date for Bid submission' means for e.g: Say, if 'date for Bid submission' is 15.01.2020, then 'twenty-eight days prior to date for Bid submission' will be 18.12.2019 and next 2.2 years period will be period up to 28.02.2022.</p>					



1.4 Experience						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
<b>1.4.1 General Experience</b>	<p>Has the Bidder/Consortium/Joint Venture or its members, individually or jointly as a member of other Consortia/Joint Venture have manufactured minimum of total 50 cars (i.e. Metro, LRT, Sub-urban EMUs, Train Sets) during last ten (10) years?</p> <p>Out of the above, minimum no. of Cars manufactured by the eligible bidder with the specified material in at least one contract executed with supplies outside the Parent Company or the Group company:</p> <p>(a) minimum 25 cars including design of stainless steel/aluminium cars; or</p> <p>(b) minimum 25 cars comprising stainless steel/aluminium/corten steel/steel EMU/MEMU/Metro Car manufactured in India for either a metro company or Indian Railways; or</p> <p>(c) Assembled more than 100 aluminium/ stainless steel metro cars in premises in India.</p> <p>The cars qualifying under criteria (a) and (b) above must have been supplied in at least one (1) country other than the country of origin or in India.</p> <p>Note:</p> <p>For (b) &amp; (c) the bidder should either have design experience or procure/ subcontract design from experienced designer or form JV with a company having design experience. The credential to this effect should be submitted with the Bid. In the case of a Joint Venture/Consortium, the evaluation for the criteria will be</p>	Must meet requirements	Must meet requirements	N/A	N/A	Form EXP-4.1

1.4 Experience						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
	done in totality (algebraic aggregate of the evaluation of each member) and not as individual member.					
<b>1.4.2 (a) Specific Experience-Operational Performance</b>	<p>Out of the cars manufactured/ assembled in accordance with Sl.no. 1.4.1 above, minimum 50% of the cars should have completed revenue operation for more than three (3) years satisfactorily.</p> <p>Note: In the case of a Joint Venture/Consortium, the evaluation for the criteria will be done in totality (algebraic aggregate of the evaluation of each member) and not as individual member.</p>	Must meet requirement	Must meet requirement	N/A	N/A	Form EXP-4.2 (a)
<b>1.4.2 (b) Specific Experience-key activities</b>	<p>Does any Member of the Consortium/Joint Venture individually or in aggregate have cumulative experience of minimum ten (10) years in the Design and Manufacturing of Propulsion Equipment (Traction Inverter, Auxiliary Inverter and Traction Motor) for Metro rolling stock AND do the propulsion Equipment supplied have been in satisfactory revenue operation for at least five (5) years in minimum aggregate 500 cars comprising of both powered and non-powered cars, supplied against minimum five (5) different contracts in the Metros (i.e. MRT, LRT, Sub-urban Railways or high speed railways) of minimum two(2) different countries outside the country of origin or in India.</p> <p>OR</p> <p>Does the Manufacturer of the Propulsion Equipment (Traction Inverter, Auxiliary Inverter and Traction Motor) proposed by the Bidder as a sub-contractor for supply of the Propulsion Equipment against this Bid, has minimum</p>	Must meet requirements	Must meet requirements	N/A	N/A	Form EXP-4.2 (b)

1.4 Experience						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
	<p>ten(10) years experience in the field of Design and Manufacturing of the Propulsion Equipment AND do the Propulsion Equipment Designed, Manufactured and Supplied by the said manufacturer have been in satisfactory revenue operation for at least five (5) years in minimum aggregate 500 cars comprising of both powered and non-powered cars, supplied against minimum five (5) different contracts in the Metros(i.e. MRT, LRT, Sub-urban Railways and high speed railways) of minimum two(2) different countries outside his country of origin or in India”.</p> <p>Note:</p> <ol style="list-style-type: none"> <li>1. The criteria mentioned in this clause applies only to the manufacturer of the Propulsion Equipment, who can be either a member of the Consortium/JV or a sub-contractor.</li> <li>2. The Member of the Consortium/Joint Venture or the Manufacturer as mentioned above must have been the manufacturer of Traction Inverter supplied as part of Propulsion Equipment (Traction Inverter, Auxiliary Inverter and Traction Motor) as per above criteria. However, the Auxiliary Inverter and Traction Motor can be outsourced by the said Traction Inverter manufacturer. The overall responsibility of Integration of Propulsion Equipment (Traction Inverter, Auxiliary Inverter and Traction Motor) for meeting the contractual obligations in respect of Propulsion Equipment shall lie with the manufacturer of Traction Inverter.</li> </ol>					

1.4 Experience						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
	3. Bidders shall note that experience of propulsion equipments supplied for Tramways shall not be considered for fulfilment of the above eligibility criteria.					
<b>1.4.3 Production Capacity</b>	Available production capacity As per below mentioned methodology:	must meet requirement	must meet requirement	NA	NA	Form EXP-4.3 (a), Form EXP-4.3 (b), Form EXP-4.3 (c)

**Methodology for working out the Available Bid Capacity Manufacturing (ABCM):**

The Available Bid Capacity Manufacturing (ABCM) of the proposed manufacturing plant(s) for supply of cars against this bid shall be equal to or more than the Bided quantity. The bidders shall note that they shall have to meet both the ABCMs (ABCMo and ABCMc) calculated as per the methodology defined below independently and separately for both Offshore and Onshore manufacturing plants failing which their bids shall be considered as 'FAIL' in the 'Evaluation and Qualification Criteria'.

ABCM will be calculated as under:

- I. ABCM considering the 'Ordered Quantity' (ABCMo)  
The ABCMo will be calculated as per the following formula.  
 $ABCMo = (1.1 \times P \times N_M) - (Q)$
- II. ABCM considering the 'Ordered Quantity' and Existing Commitments' (ABCMc)  
The ABCMc will be calculated as per the following formula  
 $ABCMc = (2 \times P \times N_M) - (Q+R)$

Where,

P= Maximum no. of EMU cars (other than trams) manufactured in the proposed plant in any consecutive 12 months during the last five (5) years. In case the bidder proposes a new manufacturing plant or augment the capacity of the existing plant, the value "P" shall be as declared by the bidder in the bid;

N<sub>M</sub>= No. of years in which supply is to be made (N<sub>M</sub>=1.8 (658 days) in this case);

Q= No. of EMU cars (other than trams) to be manufactured in the proposed manufacturing plant under existing on-going ordered quantity including orders being executed for its associated group of companies (works in hand) to be completed during next "1.8 years (658 days)" starting from the twenty-eight days prior to the 'date of bid submission'.

R= No. of EMU cars (other than trams) committed to be manufactured in the proposed manufacturing plant against existing commitments i.e. bids already submitted but not finalized including the commitments made by the associated group of companies, wherein 'EMU Cars' are to be sourced from the proposed manufacturing Plant excluding the 'Work in Hand'

<b>1.4 Experience</b>						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
	<p>(Q), to be completed during the next "1.8 years (658 days)" starting from the twenty-eight days prior to 'date of bid submission'. The commitments shall include quantity committed in various Bids which are under evaluation.</p> <p><b>Both ABCMo and ABCMc calculated as per the above formulae shall be independently equal to or more than the Bidded quantity.</b></p> <p>Note:</p> <p>1. <b>Value of 'P':</b></p> <p>The maximum no. of EMU cars (other than trams) manufactured in any consecutive 12 months during last five (5) years ('P' in the above formula) shall be the maximum no. of EMU cars manufactured in the plant under consideration only in any consecutive 12 months during the last five (5) financial years. Financial years as applicable in the country of origin where proposed plant exists would be considered. The maximum no. of EMU cars manufactured in the proposed plant during the last five (5) years to be furnished in response to "Form EXP-4.3 (a)" shall be considered for evaluating the value 'P' in above formula and the details furnished by the Bidder shall be supported by suitable documents.</p> <p>2. <b>Value of 'Q'</b></p> <p>No. of EMU cars (other than trams) to be manufactured in the proposed manufacturing plant under existing on-going ordered quantity including orders being executed for its associated group of companies (works in hand) to be completed during next "1.8 years" starting from the twenty eight days prior to the 'date of bid submission' to be furnished in response to "Form EXP-4.3 (b)" shall be considered for evaluating the value 'Q' in above formula and the details furnished by the Bidder shall be supported suitable documents.</p> <p>The 'twenty eight days prior to date of bid submission' means for eg: Say, if 'date of Bid submission' is 15.05.2020, then 'twenty eight days prior to date of bid submission 'will be 17. 04.2020 and next "1.8 years" period will be period up to 04.02.2022.</p> <p>3. <b>Value of 'R'</b></p> <p>No. of EMU cars (other than trams) committed to be manufactured in the proposed plant against existing commitments made i.e. bids already submitted but not finalized including the commitments made by the associated group of companies, wherein 'EMU Cars' are to be sourced from the proposed manufacturing Plant excluding the 'Work in Hand' (Q), to be completed during the next "1.8 years" starting from the twenty eight days prior to 'date of bid submission' to be furnished in response to "Form EXP-4.3 (c)" shall be considered for evaluating the value 'R' in above formula and the details furnished by the Bidder shall be supported with suitable documents.</p> <p>The 'twenty eight days prior to date of bid submission' means for eg: Say, if 'date of Bid submission' is 15.05.2020, then 'twenty eight days prior to date of bid submission 'will be 17. 04.2020 and next "1.8 years" period will be period up to 04.02.2022.</p> <p>4. The ABCM calculated as per the defined formulae will be rounded up to the next higher integer.</p> <p>5. In case the bidder proposes to manufacture certain no. of cars in Offshore and balance cars in Onshore plants, the ABCMo and ABCMc for both the offshore and onshore plants shall be calculated and given separately and the qualification of bidders shall be evaluated separately for offshore and onshore plants capacity. The bidders shall have to meet both the ABCMs (ABCMo and ABCMc) independently and separately for both Offshore and Onshore manufacturing plants.</p> <p>6. The bidder shall confirm that the Rolling Stock proposed to be supplied under the contract shall be from the plant whose experience/capacity ,has been utilized for meeting the bid conditions</p>					

<b>1.4 Experience</b>								
<b>Criterion</b>	<b>Requirement</b>	<b>Single Entity</b>	<b>Joint Venture (existing or intended)</b>			<b>Submission Requirements</b>		
			<b>All Parties Combined</b>	<b>Each Member</b>	<b>One Member</b>			
i) In case, offshore and onshore plants have been opted for getting qualified under the 'Eligibility and Qualification Criteria' (Section-III), the Rolling Stock proposed under the contract shall be supplied from the plants proposed onshore or offshore or combination of both to meet the requirements of 5.3 of BDS. ii) Supply of Rolling Stock from a new plant or augmentation of capacity of an existing plant, after award of the contract, shall also be governed by 5.3 of BDS.								
For understanding ABCMs please refer to the example below: Say Bidder 'X' propose manufacturing to 6 cars in Offshore plant and 24 cars in Onshore plant. The ABCM (ABCMo and ABCMc) calculation sheet to be submitted by bidder 'X' for offshore and onshore plants shall be as follows:								
Sl. No.	Manufacturing Plant	No. cars proposed by bidder for manufacturing in offshore/ onshore plant	P	Q	R	N <sub>M</sub> (in years)	ABCMo= (1.1xPxN <sub>M</sub> )-(Q) (rounded upto next higher Interger)	ABCMc= (2xPxN <sub>M</sub> )-(Q+R) (rounded upto next higher Interger)
1	Offshore plant	6	95	100	50	1.8	88	192
2	Onshore plant	24	70	120	110	1.8	17	22
Therefore, <u>ABCM for offshore plant works out as under:</u> <ol style="list-style-type: none"> <li>I. ABCMo for offshore plant=88 cars, which is more than the proposed number of cars i.e. 6 cars and thus acceptable.</li> <li>II. ABCMc for offshore plant=192 cars, which is more than the proposed number of cars i.e. 6 cars and thus acceptable.</li> </ol> <u>ABCM for onshore plant works out as under.</u> <ol style="list-style-type: none"> <li>I. ABCMo for onshore plant=17 cars, which is less than the proposed number of cars i.e. 24 cars and thus not acceptable.</li> <li>II. ABC Me for onshore plant=22 cars, which is less than the proposed number of cars i.e. 24 cars and thus not acceptable.</li> </ol> Therefore, bidder 'X' is considered as 'FAIL' as the ABCMo for Onshore plant are not met.								
Note: <ol style="list-style-type: none"> <li>i) For qualifying this criteria, bidder 'X' has to meet the above committed plant capacities (ABCMo and ABCMc) independently and separately for both proposed Offshore and Onshore manufactured cars.</li> </ol> It is entirely up to the bidder to propose either onshore plant/s or combination of onshore and offshore plants to fulfil the requirement of 5.3 of BDS.								

<b>1.5 Environmental, Social, Health and Safety (ESHS)</b>						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
<b>1.5.1 ESHS Certification(s)</b>	Availability of a valid ISO certification or internationally recognized equivalent (equivalency to be demonstrated by Bidder), and applicable to the worksite:  Quality management certificate ISO 9001  Environmental management certificate ISO 14001  Health and safety management certificate ISO 45001	Must meet requirement	N/A	N/A	Leader must meet requirement	Form CER  Form CER  Form CER
<b>1.5.2 ESHS Documentation</b>	Availability of in-house policies and procedures acceptable to the Employer for ESHS management:  1. Existence of a system for monitoring compliance with ESHS commitments for the Candidate's Subcontractors and all its partners.  2. Existence of official company procedures for the management of the following relevant points: <ul style="list-style-type: none"> <li>• Health &amp; Safety on worksites;</li> <li>• Traffic management;</li> <li>• Hazardous products;</li> <li>• Wastewater (effluents);</li> <li>• Atmospheric emissions, noise and vibrations;</li> <li>• Waste management;</li> <li>• Control of infectious and communicable diseases (HIV/AIDS, malaria, etc.).</li> </ul>	Must meet requirement	N/A	N/A	Leader must meet requirement	Form ESHS and supporting documentation

<b>1.5 Environmental, Social, Health and Safety (ESHS)</b>						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
<b>1.5.3 ESHS Experience</b>	Experience of 2 construction contracts over the last 10 years, where major ESHS measures were carried out or are on progress satisfactorily and in compliance with international standards.	Must meet requirement	N/A	N/A	Leader must meet requirement	Form EXP-ESHS with supporting documents <b>(the Bidder shall submit a piece of evidence supporting the ESHS implementation measures)</b>
<b>1.5.4 Specific ESHS Knowledge Transfer Experience</b>	Experience of one (1) construction contract in developing/ emerging countries over the last five (5) years in which the ESHS knowledge transfer to a local partner or the ESHS capacity building of the Employer's country staff was carried out satisfactorily.	Must meet requirement	N/A	N/A	Leader must meet requirement	Form EXP-ESHS with supporting documents <b>(the Bidder shall submit a piece of evidence supporting the ESHS knowledge transfer or capacity building)</b>
<b>1.5.5 ESHS Dedicated Personnel</b>	Availability of in-house personnel dedicated to ESHS issues: Environmental and Social Manager, and/or Health and Safety Manager.	Must meet requirement	N/A	N/A	Leader must meet requirement	Organizational chart evidencing filled ESHS position(s). In case bidder do not have inhouse personnel for any of ESHS requirements, they should propose independent agency to carry out activities that meeting certification requirements of 1.5.1 & 1.5.2



**Note:**

1. Ten (10) years/'Last ten (10) years' means the period of last ten (10) years counted from the twenty-eight days prior to 'date for bid submission' (refer Form FB-1). 'Five (5) years/'Last five years' means the period of last five (5) years counted from the twenty-eight days prior to 'date for bid submission'. 'Three (3) years/'Last three years' means the period of last three (3) years counted from the twenty-eight days prior to 'date for bid submission'. eg: Say, if date for bid submission is 15.01.2020, then 'twenty eight days prior to date for bid submission' will be 18.12.2019 and last ten(10) years would mean from 19.12.2009 to 18.12.2019 and last five(5) years would mean from 19.12.2014 to 18.12.2019 and last three(3) years would mean from 19.12.2016 to 18.12.2019.

In case of postponement(s) in 'date for bid submission', if any, last ten (10) years would mean from 19.12.2009 to twenty-eight days prior to postponed 'date for bid submission' and last five (5) years would mean from 19.12.2014 to twenty-eight days prior to postponed 'date for bid submission' and last three (3) years would mean from 19.12.2016 to twenty-eight days prior to postponed 'date for bid submission'.

2. The 'Bidder' would include Joint Venture/ Consortium submitting the bid as well as members of such Joint Venture/ Consortium.
3. For a consortium/JV the credentials (Technical as well as Financial) of all the member(s) having a minimum 15% participation each in JV / consortium will be required to be submitted by the bidder and shall be considered for evaluation. In case of Net Worth, Liquidity & Turnover, the financial credentials will be considered based on the summation of weighted credential of individual members in proportionate to their share in JV/Consortium. In case of consortiums/JV between companies with subsidiaries, the consolidated numbers of the parent company will only be considered. However, in case of technical eligibility, the credentials will be based on the algebraic aggregated credentials of each member. The credential (Technical as well as Financial) of a member who has a less than 15% participation in JV/Consortium shall not be considered.
4. For the participation by Subsidiary company/Parent company with credentials of other Company:
  - i) Bidder in the capacity of a Subsidiary as a single entity is not permitted to use the credential of its Parent Company and/or its sister Subsidiary Company/Companies unless the Bidder participates in bid as JV/Consortium with its Parent Company and/or its sister Subsidiary Company/Companies as a member(s) in JV with minimum 15% participation each for such member(s).
  - ii) Also Bidder in the capacity of a Parent Company as a single entity is not permitted to use the credential of its Subsidiary Company / Companies unless the Bidder participates in bid as JV/Consortium with its Subsidiary Company / Companies as a member(s) in JV/Consortium with minimum 15% participation each for such member(s).
5. However, in case of consortium/JV between companies and their subsidiaries where either the parent or the subsidiary or both is/are (an) Indian company/ companies registered in India, parent company shall be eligible to bid on the basis of credentials of their owned subsidiaries. Subsidiaries shall be eligible to bid on the basis of credentials of their parent company. Here it will be mandatory that the bidders must enter into a consortium/JV agreement with a token participation of such parent/ subsidiary whose credentials are being sought to be used. This consortium/JV agreement should clearly stipulate that the individual companies i.e. the parent and the JV) shall be jointly and severally responsible and liable for the timely execution of the contract and failure to do so will make all the them liable to the penal conditions of the contract in such case there will be no requirement of the minimum threshold of 15% participation by each member of the consortium/JV.

6. The bidder as stipulated at clause 1.4.1 above, should have performed the train integration as well as interface with other systems like signalling, telecom.
7. Refer ITB 4.7 of Bid Data Sheet regarding debarment of the Bidder.
8. Deleted.

## **2 Evaluation of Technical Bids**

Completeness and responsiveness of the Technical Bid will be assessed according to the Responsiveness Criteria of ITB 33. In addition to the criteria listed in ITB 34, the following criteria shall apply in evaluation of technical bid.

### **2.1 Assessment of compliance of technical proposal with requirements**

The Bidder shall provide a valid and fully compliant proposal for the cars as detailed in the Employer's Requirements. The Bidder shall submit a detailed clause by clause commentary on all the clauses of the Employer's Requirements. Bidder shall refer to para 4 of Annexure-2 under Section IV – Bidding Forms and Schedules for detail.

### **2.2 Assessment of Adequacy of the Environmental, Social, Health and Safety (ESHS) Methodology**

The technical proposal shall comprise an ESHS Methodology. The ESHS Methodology submitted by the Bidder shall be evaluated to determine whether it is substantially responsive (i.e. without material deviation, reservation or omission) to the requirements specified in Section VII E, Environment, Safety, Health & Social (ESHS) and Appendix-9 to Section VII B Appendices to ERGS. The Bidder shall use the ESHS Methodology Form provided for this purpose in Section IV, Bidding Forms and Schedules. A Bid not comprising an ESHS Methodology or a Bid for which the ESHS Methodology is not substantially responsive (i.e. with material deviation, reservation or omission) shall be rejected.

### **2.3 Personnel**

The Bidder's personnel shall be evaluated to determine whether it is substantially responsive (i.e., without material deviation, reservation or omission) to the requirements specified in clause no. 2.2.2 (v) and 2.2.4 of Section VII A. Employer's Requirements – General Specification. The Bidder shall use the Forms PER-1 and PER-2 provided for this purpose in Section IV, Bidding Forms and Schedules - Technical Proposal. A Bid not including proposed personnel or a Bid for which the proposed personnel is not substantially responsive (i.e., with material deviation, reservation or omission) shall be rejected.

**3 Evaluation of Financial Bid:**

Completeness and responsiveness of the Financial Bid will be assessed according to the Responsiveness Criteria of ITB 37. Financial Bids not including the documents as per ITB 11.4 of Section-II will lead to an immediate rejection of the Bid.

Time to complete the Works from the effective date specified in the Contract Data for determining time for completion of pre-commissioning activities is: Refer Attachment to Part-A contract Data of Section IX (PC). No credit will be given for earlier completion.