
**DESIGN, MANUFACTURE, SUPPLY, TESTING,
COMMISSIONING AND TRAINING OF 72 NOS. OF
STANDARD GAUGE CARS FOR SURAT METRO RAIL
PHASE-I PROJECT**

Bid: GMRC/RS2

Part – 1: Bidding Procedures

Section III – Qualification and Evaluation Criteria

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1 Evaluation of Eligibility and Qualification

1.1 Completeness and Responsiveness of the Qualification Document

Completeness and responsiveness of the Initial Filter cum Qualification Requirement Bid will be assessed according to the Responsiveness Criteria of ITB 29.1.

1.2 Evaluation of Eligibility and Qualification

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:

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
1. Eligibility							
1.1	Nationality	Nationality in accordance with ITB 4.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI-1.1, 1.2, with attachments
1.2	Conflict of Interest	No conflicts of interest in accordance with ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of IFCQR Bid
1.3	KfW Eligibility	Not being ineligible for KfW financing, as described in ITB 4.4	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Declaration of Undertaking
1.4	Government-Owned Entity	Meet conditions of ITB 4.4	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI-1.1, 1.2, with attachments
2. Historical Contract Non-Performance							
2.1	History of Non-Performing Contracts	Termination of a contract did not occur as a result of contractor's default in the past five (5) years	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form CON-2
2.2	Suspension Based on Execution of Bid Securing Declaration by the Employer	Not under suspension based on execution of a Bid Securing Declaration pursuant to ITB 4.5	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of IFCQR Bid
2.3	Pending Litigation	All pending litigation shall in total not represent more than one hundred percent (100%) of the Applicant's net worth and shall be treated as resolved against the Applicant	Must meet requirement	N/A	Must meet requirement	N/A	Form CON-2
3. Financial Situation and Performance							

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
3.1	Financial Capabilities: Liquidity	<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>(ii) This can be seen from the balance sheets and/or from the banking reference. Net current assets {(Current assets + loans & 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 635 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 635 million available: Pass Liquidity of INR 635 million not available: Fail</p> <p>(iii) 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</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)

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
		of 'A%', 'B%' and 'C%' and the calculated liquidity 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'.					
3.2	Deleted						
3.3	Financial Capabilities: Financial Position	<p>(i) 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>(ii) 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
3.4	Average Annual Turnover	(i) 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	Must meet requirement	Must meet requirement	N/A	N/A	Form FIN-3.2 (a) and Form FIN 3.2 (b)

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
		<p>for Indian Rupee and 2% for foreign currency per year) shall not be less than INR 2548 million.</p> <p>(ii) The value of annual turnover shall be calculated as total certified payments received for Contracts in progress and/or completed, within last Five Financial years divided by Five years.</p> <p>(iii) 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>(iv) 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>					
3.5	Available Bid Capacity	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)

Methodology for Working out the Available Bid Capacity

The Bidders will be qualified only if their available bid capacity is more than INR 6351 million. Available bid capacity will be calculated as under:

Available Bid Capacity = 2AN-B

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
<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 = 2.5 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 2.5 years starting from the twenty-eight days prior to 'date for Bid submission'.</p> <p>Note:</p> <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: Qualification and Bidding Forms: 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: Qualification and Bidding Forms: 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 2.5 years period will be period up to 17.06.2022.</p>							
4. Construction Experience							
4.1	General Construction Experience – Delivery Record	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? Out of the above, minimum no. of Cars manufactured by the eligible bidder with the specified material in at least one	Must meet requirements	Must meet requirements	N/A	N/A	Form EXP-4.1

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
		<p>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) & (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 done in totality (algebraic aggregate of the evaluation of each member) and not as individual member.</p>					
4.2 (a)	Specific Experience – Operational Performance	<p>Out of the cars manufactured/ assembled in accordance with Sl.no. 4.1 above, minimum 50% of the cars should have completed revenue operation for more than three (3) years satisfactorily.</p> <p>Note:</p> <p>In the case of a Joint Venture/Consortium, the evaluation for the</p>	Must meet requirement	Must meet requirement	N/A	N/A	Form EXP-4.2 (a)

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
		criteria will be done in totality (algebraic aggregate of the evaluation of each member) and not as individual member.					
4.2 (b)	Construction Experience in key activities	<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 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> <p>1. The criteria mentioned in this clause applies only to the</p>	Must meet requirements	Must meet requirements	N/A	N/A	Form EXP-4.2 (b), Form ELI 1.3

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
		manufacturer of the Propulsion Equipment, who can be either a member of the Consortium/JV or a sub-contractor. 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. 3. Bidders shall note that experience of propulsion equipments supplied for Tramways shall not be considered for fulfilment of the above eligibility criteria.					
4.3	Production Capacity	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)

Criteria			Requirements			Documentation Requirements / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member		One Member
		<p>The ABCMo will be calculated as per the following formula.</p> $ABCMo = (1.1 \times P \times N_M) - (Q)$ <p>II. ABCM considering the 'Ordered Quantity' and Existing Commitments' (ABCMc)</p> <p>The ABCMc will be calculated as per the following formula</p> $ABCMc = (2 \times P \times N_M) - (Q + R)$ <p>Where,</p> <p>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;</p> <p>N_M= No. of years in which supply is to be made (N_M=2 in this case);</p> <p>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 "2 years" starting from the twenty-eight days prior to the 'date of bid submission'.</p> <p>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' (Q), to be completed during the next "2 years" 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>Both ABCMo and ABCMc calculated as per the above formulae shall be independently equal to or more than the Bidded quantity.</p> <p>Note:</p> <p>1. Value of 'P':</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 applicant shall be supported by suitable documents.</p> <p>2. Value of 'Q'</p>					

Criteria			Requirements			Documentation Requirements / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member		One Member
		<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 "2 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 applicant shall be supported suitable documents. 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 "2 years" period will be period up to 16.05.2022.</p> <p>3. Value of 'R'</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 "2 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 applicant 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 "2 years" period will be period up to 16.05.2022.</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> <p>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 5.4 of QBDS.</p> <p>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 5.4 of QBDS.</p> <p>For understanding ABCMs please refer to the example below:</p> <p>Say Bidder 'X' propose manufacturing to 18 cars in Offshore plant and 54 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:</p>					

Criteria							Requirements			Documentation Requirements / Forms	
No.	Subject	Requirement					Single Entity	Joint Venture (existing or intended)			
								All Parties Combined	Each Member		One Member
Sl. No.	Manufacturing Plant	No. cars proposed by bidder for manufacturing in offshore/ onshore plant	P	Q	R	N _M (in years)	ABC _M o= (1.1xPxN _M)-(Q) (rounded upto next higher Interger)	ABC _M c= (2xPxN _M)-(Q+R) (rounded upto next higher Interger)			
1	Offshore plant	18	95	100	50	2	109	230			
2	Onshore plant	54	60	120	70	2	50	12			

Therefore,

ABC_M for offshore plant works out as under:

- I. ABC_Mo for offshore plant=109 cars, which is more than the proposed number of cars i.e. 18 cars and thus acceptable.
- II. ABC_Mc for offshore plant=230 cars, which is more than the proposed number of cars i.e. 18 cars and thus acceptable.

ABC_M for onshore plant works out as under.

- I. ABC_Mo for onshore plant=50 cars, which is less than the proposed number of cars i.e. 54 cars and thus not acceptable.
- II. ABC_Mc for onshore plant=12 cars, which is less than the proposed number of cars i.e. 54 cars and thus not acceptable.

Therefore, bidder 'X' is considered as 'FAIL' as the ABC_Mo and ABC_Mc for Onshore plant are not met.

Note:

- i) For qualifying this criteria, bidder 'X' has to meet the above committed plant capacities (ABC_Mo and ABC_Mc) independently and separately for both proposed Offshore and Onshore manufactured cars.

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 5.4 of QBDS.

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
5. Environmental and Social and Health and Safety (ESHS) Experience and Capacity							
5.1	Certificates	Availability of a valid ISO certification as below or internationally recognized equivalent (equivalence to be demonstrated by the Applicant) <ul style="list-style-type: none"> • Quality Management certificate ISO 9001 • Environmental management certificate ISO 14001:2014 • Health and Safety certificate OHSAS 18001 or ISO 54001 Certificates should demonstrate the Bidder's respective management competence to cover all activities and work sites relevant to the contract, in particular: <ul style="list-style-type: none"> (i) metro rail car manufacturing plant(s), (ii) transport to the project site, and (iii) on-site activities/works incl. testing and commissioning 	Must meet requirement	N/A	Must meet requirement	Must meet requirement	Form CER-5.1
5.2	Experience in Projects with significant ESHS Impacts and Risks	For the above and any other contracts completed and under implementation as prime contractor, joint venture member, management contractor or subcontractor ¹ on or after the first day of the calendar year during the period stipulated in 4.2(a) above, a minimum specific experience relating to the following ESHS requirements ² : list key ESHS requirements individually with a focus on ESHS aspects which are relevant to the implementation of the contract, in particular metro rail car manufacturing plant(s), transport to project site, on-site	Must meet requirement	Must meet requirement	N/A	Must have executed at least 1 contract(s) demonstrating experience with the key ESHS requirements as listed in the	Form EXP-5.2

¹ For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder's share, by value, shall be considered to meet this requirement.

² Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (or activities).

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
		works/activities, testing and commissioning.				Requirements column.	
5.3	Environmental Capacity	The Bidder must demonstrate that its business setup and operations meet the minimum requirements towards an effective environmental management system:	Must meet requirement	Must meet requirement	N/A	N/A	Form ENV-5.3
5.4	Occupational Health and Safety Capacity	The Bidder must demonstrate that its business setup and operations meet the minimum requirements towards an effective health and safety management system	Must meet requirement	Must meet requirement	N/A	N/A	Form OHSAS-5.4
5.5	Socially Responsible Work Implementation	The Bidder must demonstrate a comprehensive understanding of the requirements regarding socially responsible implementation of activities and works at project site (incl. transport to site) For assessment and scoring, see note in 5.3. above	Must meet requirement	Must meet requirement	N/A	N/A	Form LOC-5.5
5.6 (a)	ILO Core Labor Standards	Undertaking to fully respect the ILO Core Labor Standards in the Bidder's business practice	Must meet requirement	N/A	Must meet requirement	N/A	Letter of IFCQR Bid and Form COC-5.6
5.6 (b)	Ethical Business Principles	The Bidder must demonstrate that its business setup and operations meet the minimum requirements towards ethical business principles.	Must meet requirement	Must meet requirement	N/A	N/A	Form COC-5.6
5.7	ESHS and Construction Personnel	The Bidder must demonstrate that it has access to adequate candidates for the ESHS personnel profiles, listed in Section VII, Employer's Requirements. The candidates must fulfil the minimum specific profile requirements and the general requirements (if any). Combining several candidates to fulfill one candidate profile is not allowed. Providing multiple candidates for a single profile is allowed.	Must meet requirement	Must meet requirement	N/A	N/A	Form PER-5.7

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 4.1 above, should have performed the train integration as well as interface with other systems like signalling, telecom.
7. Refer ITB 4.9 of Bid Data Sheet regarding debarment of the Bidder.
8. The bidder may propose indigenous manufacture of Propulsion System as a deviation.
9. If a subcontractor's qualification has been taking into account for the qualification of an applicant this subcontractor shall only participate in the respective proposal. If a subcontractor submits an offer in its own name, all offers concerned shall be rejected.

2 Evaluation of Technical and Price Bids

2.1 Technical Bid

In addition to the criteria listed in ITB 32.1 (a) - (d) the following criteria shall apply:

2.1.1 Completeness and Responsiveness of the Technical Bid

Completeness and responsiveness of the Technical Bid will be assessed according to the Responsiveness Criteria of ITB 30.1

2.1.2 Evaluation of the Completeness of the Proposed Technical Systems and Equipment - Clause By Clause Commentary

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.

Bidders shall note that their comments to the clause by clause commentary wherever given shall only be in the following form:

- Complied : "Complied" shall be indicated by the bidder where the bidder is able to comply with the clause.
- Noted : Where a clause merely provides information, and no other comment is necessary, "Noted" will suffice.
- Not Complied: Where the bidder is not able to comply fully with the clause or has any observation or proposes an alternative design, "Not Complied" shall be indicated and comments if any of the bidder shall be indicated in detail. All Clauses with status as "Not Complied" shall be included in the Statement of Deviations ('Form FB-10' to Forms of Bid) and shall be priced in Annexure PD-3 of the Pricing Document.

Bidder shall also note that:

- Any comment by the bidder in the Clause by Clause Commentary, other than either of "Complied", "Noted" or "Not Complied" shall be treated as "Not Complied". Unless bidder prices against such clauses in the Annexure PD-3 of the Pricing Document, the comment against any clause shall be deemed to have been unconditionally withdrawn with no financial implications and shall be considered as NULL and VOID.
- Any "Not Complied" comment by the bidder in the Clause by Clause Commentary which has not been included in the Statement of Deviations (Form FB-10 to Forms of Bid) shall be treated as "Complied".
- Any "Not Complied" comment by the bidder in the Clause By Clause Commentary which has also been included in the Statement of Deviations (Form FB-10 to Forms of Bid) but has not been priced in Annexure PD-3 of the Pricing Document shall be treated as null and void and deemed to have been unconditionally withdrawn.

- In case price for unqualified withdrawal of any remark, comment, condition, qualification or deviation etc. indicated in Form FB-10 ('A', 'B' and 'C') is not quoted in Annexure PD-3 of the Pricing Document, it shall be considered that the remark, comment, condition, qualification or deviation is unconditionally withdrawn without any financial implication. However, Employer at its sole discretion and option may assess the financial implication of the said remark, comment, condition, qualification or deviation etc. based on best engineering principles and concepts, which shall be binding on the bidder, and the same may be considered by Employer for financial evaluation.
- If the bidder has included deviation from the Bid documents, which would render the works, or any part thereof, unfit for their intended purpose, bid of that bidder will be deemed non-conforming and shall be rejected.
- The Employer reserves the right to accept or reject any variation or deviation. Variations, deviations, and other factors which are in excess of the requirements of the bid documents or otherwise result in the accrual of unsolicited benefits to the Employer shall not be taken into account in bid evaluation.

A bid without a Clause by Clause Commentary, as stated above, is liable to be rejected.

The Bidder is required to duly fill the clause by clause Commentary in the format given below in this clause.

Form COF - Conformance Matrix

Clause No.	Description	CONFORMANCE LEVEL (Complied/ Noted/ Not complied)	BIDDER'S DETAIL COMMENTS <i>(in case of non-complied, detail comment describing reason shall be filled)</i>

2.1.3 Assessment of Adequacy of Technical Proposal with Requirements

The assessment of the Technical Proposal submitted by a Bidder shall comprise

- the evaluation of the Bidder’s plan to mobilize and deploy key personnel (see 2.1.5),
- the evaluation of the proposed design, manufacturing, delivery, testing and commissioning methods,
- the evaluation of the proposed design, manufacturing, delivery, testing and commissioning schedules,
- the evaluation of the proposed detailed supply sources,
- evaluation of workable methodology and programme for Indigenization as mentioned in ITB 5.4 including indigenous manufacturing of equipments as listed in Table 1D of Section VII A. Employer’s Requirements – General Specification, and

in accordance with requirements specified in Section VII, Employer’s Requirements.

A Bid not comprising Technical Proposal or a Bid for which the Technical Proposal is not substantially responsive (i.e., with material deviation, reservation or omission) shall be rejected.

2.1.4 Assessment of Adequacy of the Environmental, Social, Health and Safety (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, Employer's Requirements - ESHS Specifications. The Bidder shall use the ESHS Methodology Form provided for this purpose in Section IV, Qualification and Bidding Forms. 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.

2.1.5 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, Qualification and Bidding Forms - 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.

2.2 Financial Bid

2.2.1 Completeness and Responsiveness of the Financial Bid

Financial Bids not including the documents as per ITB 11.1 (c) will lead to an immediate rejection of the Bid.

2.2.2 Established Bid Price

In addition to the steps listed in ITB 42.2 (a) – (e) the following methods of adjusting the Bid Prices will apply to arrive at the lowest Established Bid Price for each Bid.

2.2.2.1 Time Schedule

Time to complete the Plant and Installation Services 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.

2.2.2.2 Deleted

2.2.2.3 Operation and Maintenance Costs

Operation and maintenance costs of the facilities being procured are not taken into consideration for the evaluation of the Financial Bids.

2.2.2.4 End-of-Life Costs

End-of-Life costs of the assets being procured are not taken into consideration for the evaluation of the Financial Bids.

2.2.2.5 Deleted

2.2.2.6 Specific Additional Criteria

No additional criteria will be used in the evaluation.

2.2.2.7 Domestic Preference / Margin of Preference

Not applicable.

2.2.2.8 Multiple Contracts

Not applicable.

2.2.2.9 Technical Alternatives

Not applicable.

2.2.2.10 Alternative Completion Times

Not applicable.

3 Deleted