

BIDDING DOCUMENTS

FOR

**Design, Manufacture, Supply, Installation, Integration, Testing
and Commissioning of Platform Screen Doors System for Surat
Metro Rail Phase-I Project.**

IFB NO. GMRC/S&T/PSD-02

PART-I

Section III

Qualification and Evaluation Criteria (QEC)

Gujarat Metro Rail Corporation (GMRC) Limited

(SPV of Govt. of Gujarat and Govt. of India)

Formerly known as Metro Link Express for Gandhinagar and Ahmedabad (MEGA) Co. Ltd.

Block No.1, First Floor, Karmayogi Bhavan, Behind Nirman Bhavan,

Sector 10/A, Gandhinagar: 382010,

Gujarat, India

Corporate Identification No (CIN): U60200GJ2010SGC059407

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Section III: Qualification and Evaluation Criteria

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.

In addition to the above criteria, the following factor shall apply: -

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				Documentati on Requiremen ts / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
1. Eligibility							
1.1	Nationality	Nationality in accordance with ITB 4.2	Must meet requireme nt	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 requireme nt	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 requireme nt	Must meet requirement	Must meet requirement	N/A	Declaration of Undertaking

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
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	Non-performance of a contract ⁽ⁱ⁾ did not occur as a result of contractor's default in the past five (5) years	Must meet requirement ⁽ⁱⁱ⁾	Must meet requirement	Must meet requirement	N/A	Form CON-2.1
2.2	Suspension Based on Execution of Bid Securing Declaration	Not under suspension based on execution of a Bid Securing Declaration pursuant to ITB 4.5	Must meet requirement ⁽ⁱⁱ⁾	Must meet requirement	Must meet requirement	N/A	Letter of IFCQR Bid

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
	by the Employer						
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 Bidder ⁽ⁱⁱⁱ⁾ .	Must meet requirement ⁽ⁱⁱ⁾	N/A	Must meet requirement	N/A	Form CON-2.1
2.4	Historical Debarment / Blacklisting/ Termination / Rescind	Bidder (applies to each member of the JV/Consortium) should not have been debarred by Government of India/ as on date of submission of Bid.	Must meet requirement ⁽ⁱⁱ⁾	N/A	Must meet requirement	N/A	Form CON-2.2
<p><u>Notes for the Bidder</u></p> <p>(i) Non-performance, as decided by the Employer, shall include all Contracts:</p> <p>(a) where non-performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and</p>							

Criteria			Requirements				Documentati on Requiremen ts / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
		<p>(b) contracts that were so challenged but fully settled against the contractor.</p> <p>Non-performance shall not include Contracts where Employers decision was overruled by the dispute resolution mechanism. Non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective Contract and where all appeal instances available to the Applicant have been exhausted.</p> <p>(ii) This requirement also applies to Contracts executed by the Bidder as a JV/ Consortium member.</p> <p>(iii) The Bidder shall provide accurate information on the related Bidding Form about any litigation or arbitration resulting from Contracts completed or ongoing under its execution over the last five (5) years. A consistent history of awards against the Bidder or any member of a joint venture may result in rejection of the Bid.</p>					
3. Financial Situation and Performance							
3.1	Financial Capabilities: Liquidity	(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.	Must meet requireme nt	Must meet requirement	N/A	N/A	Form FIN– 3.1 with attachments, Form FIN- 3.3 (a), and

Criteria			Requirements			Documentati on Requiremen ts / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member
		(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 150 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					Form FIN-3.3 (b)

Criteria			Requirements			Documentati on Requiremen ts / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member
		<p>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 150 million available: Pass</p> <p>Liquidity of INR 150 million not available: Fail</p> <p>(iii) In case of a Joint Venture/Consortium, the above evaluation will be done in</p>					

Criteria			Requirements				Documentati on Requiremen ts / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
		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 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:	(i) The minimum requirements to 'Pass' this criteria is that the Balance sheets should indicate that the Net Worth of the Bidder	Must meet requirement	N/A	Must meet requirement	N/A	Form FIN–3.1 with attachments

Criteria			Requirements			Documentati on Requiremen ts / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member
	Financial Position	<p>(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 the bid submission deadline.</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%’</p>					

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
		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'.					
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 PSD/PSG system manufacture only (in terms of rupee equivalent adjusted to last date of the financial year that ended on or before the bid submission deadline by assuming 5% escalation for Indian Rupee and 2% for foreign currency per year) shall not be less than INR 920 million.	Must meet requirement	Must meet requirement	Must meet Twenty Five percent (25%) of the requirement	Must meet Forty percent (40%) of the requirement	Form FIN-3.2 (a) and Form FIN 3.2 (b)

Criteria			Requirements			Documentati on Requiremen ts / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member
		<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 the bid submission deadline.</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</p>					

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
		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'.					
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)
<p><u>Methodology for Working out the Available Bid Capacity</u></p> <p>The Bidders will be qualified only if their available bid capacity is more than INR 1230 million. Available bid capacity will be calculated as under:</p>							

Criteria			Requirements			Documentati on Requiremen ts / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member
		<p>Available Bid Capacity =2AN-B</p> <p>Where,</p> <p>A = Maximum value of PSD/PSG system manufactured 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 = 2.0 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 2.0 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 PSD/PSG system manufactured in any one year during last five (5) years (‘A’ in the above formula) shall be the maximum turnover of PSD/PSG system 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 PSD/PSG system 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</p>					

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
<p>the Bidder shall be supported with audited copies, duly certified by Independent chartered accountant/CPA, indicating Annual turnover of PSD/PSG system 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 2.0 years period will be period up to 17.11.2021.</p>							
4. Construction Experience							
4.1	General Experience	Experience under contracts in the role of prime contractor (single entity or JV member), Subcontractor, or management contractor ⁽ⁱ⁾ for at least the last 10 years ending last day of the month previous to the month of Bid submission..	Must meet requirements	N/A	Must meet requirements	N/A	Form EXP-4.1

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
		For foreign companies, this General Experience shall be outside the home country of origin of the foreign company for at least the last 10 years ending last day of the month previous to the month of Bid submission.					
4.2 (a)	Specific Experience	A minimum number of 01 (One) similar ⁽ⁱⁱ⁾ contract of the work of “Design, Manufacture, Supply, Installation, Integration, Testing & Commissioning of Platform Screen Doors/Platform Screen Gates System” for Metro Rail/ Monorail/ Suburban Rail/ LRT Projects of at least 30 stations or minimum work of value of INR 985 million that has been satisfactorily and substantially ⁽ⁱⁱⁱ⁾ completed as a prime contractor (single entity or JV member ^(iv)) or management contractor ⁽ⁱ⁾ or subcontractor ^(vi) for the last ten years	Must meet requirement	Must meet requirement) ^(v)	N/A	N/A	Form EXP-4.2 (a)

Criteria			Requirements			Documentati on Requiremen ts / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member
		<p>ending last day of the month previous to the month of Bid submission.</p> <p>.</p> <p style="text-align: center;">OR</p> <p>A minimum number of 02 (Two) similar⁽ⁱⁱ⁾ contracts of the work of “Design, Manufacture, Supply, Installation, Integration, Testing & Commissioning of Platform Screen Doors/Platform Screen Gates System” for Metro Rail/ Monorail/ Suburban Rail/ LRT Projects each of atleast 19 stations or minimum works of value of INR 615 million that have been satisfactorily and substantially⁽ⁱⁱⁱ⁾ completed as a prime contractor (single entity or JV member^(iv)) or</p>					

Criteria			Requirements			Documentation Requirements / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member
		<p>management contractor⁽ⁱ⁾ or subcontractor^(vi) for the last ten years ending last day of the month previous to the month of Bid submission.</p> <p style="text-align: center;">OR</p> <p>A minimum number of 03 (Three) similar⁽ⁱⁱ⁾ contracts of the work of “Design, Manufacture, Supply, Installation, Integration, Testing & Commissioning of Platform Screen Doors/Platform Screen Gates System” for Metro Rail/ Monorail/ Suburban Rail/ LRT Projects each of atleast 15 stations or minimum works of value of INR 490 million that have been satisfactorily and</p>					

Criteria			Requirements			Documentation Requirements / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member
		<p>substantially⁽ⁱⁱⁱ⁾ completed as a prime contractor (single entity or JV member^(iv)) or management contractor⁽ⁱ⁾ or subcontractor^(vi) for the last ten years ending last day of the month previous to the month of Bid submission.</p> <p>In all the above works, one station constitutes atleast two platforms and each platform serving minimum 03 coach trains.</p> <p>For foreign companies, at least One (01) similar⁽ⁱⁱ⁾ work of minimum 15 stations or work of minimum value INR 490 million, shall be outside the country of origin of the Bidder.</p>					

Criteria			Requirements				Documentati on Requiremen ts / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
4.2 (b)	Specific Experience in key activities	For the above or other contracts completed and under implementation as prime contractor (single entity or JV member), management contractor ⁽ⁱ⁾ or Subcontractor ^(vi) , for the last ten years ending last day of the month previous to the month of Bid submission a minimum experience in the following key activities must be satisfactorily and substantially ⁽ⁱⁱⁱ⁾ completed:					
		(i) At least 15 Stations should have been Supplied, Installed, Tested, Commissioned with PSD/ PSG system and proven with continuous service for a minimum period of 02 years and still working satisfactorily.	Must meet requireme nts	Must meet requirement) ^(v)	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/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
		(ii) Experience of at least one work of Design and Manufacture of Door Driving Mechanism for minimum 15 stations, which is in satisfactory use in a Metro Rail/ Monorail/ Suburban Rail/ LRT project for atleast 02 years.	Must meet requirements	Must meet requirement) ^(v)	N/A	N/A	Form EXP–4.2 (b), Form ELI 1.3
		(iii) Experience of Integration of PSD/ PSG System with Signalling & Train Control System for at least 02 Metro Rail/ Monorail/ Suburban Rail/ LRT projects.	Must meet requirements	Must meet requirement) ^(v)	N/A	N/A	Form EXP–4.2 (b), Form ELI 1.3
<p>Notes for the Bidder</p> <p>(i) A management contractor is a firm which takes on the role of contract management as a “general” contractor of sort could do. It does not normally perform directly the work(s) associated with the Contract. Rather, it manages the work of other (sub) contractors while bearing full responsibility and risk for price, quality, and timely performance of the contract.</p> <p>(ii) The similarity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VI,</p>							

Criteria			Requirements			Documentation Requirements / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member
		Employer's Requirements. Summation of number of small value Contracts (less than the value specified under requirement) to meet the overall requirement will not be accepted.					
		(iii) Substantial completion shall be based on 70% or more works having been completed and successful acceptance tests carried out under the Contract.					
		(iv) For contracts under which the Bidder participated as a JV/Consortium member, only the Bidder's share, by value, shall be considered to meet this requirement.					
		(v) In case of a JV, the value of Contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each Contract performed by each member shall satisfy the minimum value of a single Contract as required for single entity. In determining whether the JV meets the requirement of total number of Contracts, only the number of Contracts completed by all members each of value equal or more than the minimum value required, shall be aggregated.					
		(vi) For Contracts under which the Bidder participated as a Subcontractor, only the Bidder's share shall be counted to meet this requirement.					
		NOTE: 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) Amount mentioned in Table 3 (Financial Situation and Performance) and Table 4 (Experience) are exclusive of all taxes.					

Criteria			Requirements			Documentati on Requiremen ts / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member		One Member

Criteria			Requirements			Documentati on Requiremen ts / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (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 Level 3	<p>Availability of a valid ISO certification as below or internationally recognized equivalent (equivalence to be demonstrated by the Applicant)</p> <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 <p>Certificates should demonstrate the Bidder's respective management competence to cover all activities and work sites relevant to the contract, in particular:</p> <ul style="list-style-type: none"> (i) PSD/PSG 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
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Criteria			Requirements				Documentati on Requiremen ts / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
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 : (a) Environment, Health & Safety Management for Signalling /PSD Metro /Monorail/ Suburban Rail/ LRT projects	Must meet requireme nt	Must meet requirement	N/A	Must have executed at least 01 contract(s) demonstrati ng experience with the key ESHS requirement s as listed in	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.

¹ 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				Documentati on Requiremen ts / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
		(b) Safety Measures for track side working © Emergency Preparedness and Training for Metro /Monorail/ Suburban Rail/ LRT project train operations				the Requiremen ts column.	
5.3	Environment al Capacity	The Bidder must demonstrate that its business setup and operations meet the minimum requirements towards an effective environmental management system:	Must meet requireme nt	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 requireme nt	Must meet requirement	N/A	N/A	Form OHSAS-5.4

Criteria			Requirements				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
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)	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	Application Submission Form (f) 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

Criteria			Requirements				Documentati on Requiremen ts / Forms
No.	Subject	Requirement	Single Entity	Joint Venture/Consortium (existing or intended)			
				All Parties Combined	Each Member	One Member	
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 fulfil one candidate profile is not allowed. Providing multiple candidates for a single profile is allowed.	Must meet requireme nt	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’. 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 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 26% 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 26% 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 26% 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 26% 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 of them liable to the penal conditions of the contract. In such case there will be no requirement of the minimum threshold of 26% participation by each member of the consortium/JV.
6. The bidder as stipulated at clause 4.1 above, should have performed the PSD/PSG system as well as interface with other systems like signalling, telecom, Rolling stock.
7. Refer ITB 4.9 of Bid Data Sheet regarding debarment of the Bidder.
8. If a subcontractor's qualification has been taken 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 Bid

Completeness and responsiveness of the Technical Bid will be assessed according to the document submitted in accordance to ITB 11.3 and the Responsiveness Criteria of ITB 32. In addition to the above criteria, the following factor shall apply: -

2.1 Subcontractors/Manufacturers

Subcontractors for the following major items of supply or services must meet the following minimum criteria, herein listed for that item, with due submission of Form SUB-1 and 2 for each item. The Bidder is responsible for ensuring that the Subcontractor complies with the requirements of ITB 4 and 5 and meets the minimum criteria listed above for that item.

- (i) *Design of PSG system (Mechanical, Electrical, Electronics and software for the system) including Door Control Unit (DCU) shall not be subcontracted.*

Item No.	Description of Item	Minimum Criteria to be met
1	PSD - Central Controller Unit (PSC)	<p>At least 01 (one) work, incorporating the stipulated item/equipment, in “Design, Manufacture, Supply, Installation, Testing and Commissioning of Platform Screen Doors/Gates System” for Metro Rail/ Monorail/ Suburban Rail/ LRT project of at least 15 stations”, satisfactorily completed and in Operation in the last ten years ending last day on the month previous to the month of bid submission</p> <p>Provide End User/ Proven-ness certificate of working satisfactorily [outside the country of origin for foreign company] of at least 12 stations in a Metro Rail/ Monorail/ Suburban Rail/ LRT project.</p>
2	PSD - Power Supply Cabinet	<p>At least 01 (one) work, incorporating the stipulated item/equipment, in “Design, Manufacture, Supply, Installation, Testing and Commissioning of Platform Screen Doors/Gates System” for Metro Rail/ Monorail/ Suburban Rail/ LRT project of at least 15 stations”, satisfactorily completed and in Operation in the last ten years ending last day on the month previous to the month of bid submission</p> <p>Provide End User/ Proven-ness certificate of working satisfactorily [outside the country of origin for foreign company] of at least 12 stations in a Metro Rail/ Monorail/ Suburban Rail/ LRT project.</p>
3	PSD - Master Monitoring System (MMS)	<p>At least 01 (one) work, incorporating the stipulated item/equipment, in “Design, Manufacture, Supply, Installation, Testing and Commissioning of Platform Screen Doors/Gates System for Metro Rail/ Monorail/ Suburban Rail/ LRT project of at least 15 stations”, satisfactorily completed and in Operation in the last ten</p>

		<p>years ending last day on the month previous to the month of bid submission</p> <p>Provide End User/ Proven-ness certificate of working satisfactorily [outside the country of origin for foreign company] of at least 12 stations in a Metro Rail/ Monorail/ Suburban Rail/ LRT project.</p>
4	Installation Works	<p>Incorporating the stipulated item, in at least 01 (one) work of “Design, Manufacture, Supply, Installation, Testing and Commissioning of Platform Screen Doors/Gates System for Metro Rail/ Monorail/ Suburban Rail/ LRT project of at least 15 stations”, satisfactorily and substantially completed and in Operation in the last ten years ending last day on the month previous to the month of bid submission</p> <p>Provide End User/ Proven-ness certificate of working satisfactorily [outside the country of origin for foreign company] of at least 12 stations in a Metro Rail/ Monorail/ Suburban Rail/ LRT project.</p>
5	Any other important item	<p>At least 01 (one) work similar to above, incorporating the item, for at least 15 stations, satisfactorily completed and in Operation in the last ten years ending last day on the month previous to the month of bid submission</p> <p>Provide End User/ Proven-ness certificate of working satisfactorily [outside the country of origin for foreign company] of at least 12 stations in a Metro Rail/ Monorail/ Suburban Rail/ LRT project.</p>

Failure to comply with this requirement may result in rejection of the Subcontractor.

In case the Bidder does not wish to subcontract above item(s), suitable Manufacturers/Vendors shall be listed for the same, meeting the above requirements, if required.

In the case of a Bidder who offers to supply and install major items of supply under the Contract that the Bidder did not manufacture or otherwise produce, the Bidder shall provide

the manufacturer's authorization, using Form FB-46 15 provided in Section IV, Bidding Forms, showing that the Bidder has been duly authorized by the manufacturer or producer of the related plant and equipment or component to supply and install that item in the Employer's country. The Bidder is responsible for ensuring that the manufacturer or producer complies with the requirements of ITB 4 and ITB 5 and meets the minimum criteria listed above for that item.

2.2 Personnel

The Bidder must demonstrate that it has the personnel for the key positions that meet the following requirements:

No.	Position	Total Work	Experience in
1	Project Manager (to be Contractor's Representative under GC 4.3)	15	10
2	Deputy Project Manager e.g. Chief Engineer(s)/ Resident Engineer	10	5
3	Design Manager / System Integrator / Interface Manager	10	5
4	PSD/ PSG System Design Manager/ PSD/ PSG Design Engineer	10	5
5	Testing and Commissioning Engineer/ Manager	10	5
6	Quality Assurance Specialist/ Manager	10	5
7	Health and Safety Manager / Officer	10	5
8	Installation Specialist/Manager	10	5
NOTE: Diploma with 5 years additional experience in relevant field will be considered equivalent to degree.			

The Bidder shall provide details of the proposed personnel and their experience records in Forms PER-1 and PER-2 in Section IV, Bidding Forms.

3 Evaluation of Financial Bid (i.e. Envelope 3)

Financial Bids not including the documents as per ITB 11.4 will lead to an immediate rejection of the Bid.

Completeness and responsiveness of the Financial Bid will be assessed according to the Responsiveness Criteria of ITB 37. In addition, the Bidders shall submit Appendix F given in Price Schedules, Section IV to meet the monthly cash flow requirement for this Bid.

End of Document