

**CONSTRUCTION OF MULTI-MODAL INTEGRATION WORKS FOR 21 METRO STATIONS (4 STATIONS IN CORRIDOR 1 - NAMELY SARTHANA, NATURE PARK, VARACHHA CHOPATI GARDEN, SHREE SWAMINARAYAN MANDIR; AND 17 STATIONS IN CORRIDOR 2 - NAMELY BHESAN, BOTANICAL GARDEN, UGAT VAARIGRUH PALANPUR ROAD, L.P. SAVANI, PERFORMING ART CENTRE, ADAJAN GAM, AQUARIUM, BADRINARAYAN TEMPLE, ATHWA CHAUPATI, UDHANA DARWAJA, KAMELA DARWAJA, ANJANA FARM, MODEL TOWN, MAGOB, BHARAT CANCER HOSPITAL, AND SAROLI) UNDER SURAT METRO RAIL PROJECT PHASE - 1**

**IFB no. : GMRC/MMI-2/SURAT/PH-1/2026**

**BMZ number 513958**

**Part-1 Bidding Procedure**  
**Section III – Qualification and Evaluation Criteria**

# Table of Contents

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## Invitation for Bids

<b>PART 1</b>	<b>Bidding Procedures</b>
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Section I Instructions to Bidders

Section II Qualification and Bid Data Sheet

<b>Section III</b>	<b>Qualification and Evaluation Criteria</b>
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Section IV Bidding Forms and Schedules

Section V Eligibility Criteria

Section VI KfW Policy

## **PART 2**

### **Employer's Requirements**

Section VII A. Employer's Requirements – General Specifications (ERGS)

Section VII B. Employer's Requirements -Technical Specification (ERTS)

Section VII C. Tender Drawing

Section VII D. Safety, Health and Environment (SHE) Manual

## **PART 3**

### **Conditions of Contract (CC) and Contract Forms**

Section VIII General Conditions (GC)

Section IX Particular Conditions (PC)

Section X Contract Forms

## Section III: Qualification and Evaluation Criteria

### 1.1 Evaluation of Eligibility and Qualification, (Envelope – 1, Initial Filter cum Qualification Requirement - IFCQR Bid)

Completeness and Responsiveness of the Qualification Document in addition to criteria listed in ITB 26.1, the following criteria shall apply.

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	
<b>1. Eligibility</b>							
1.1	Nationality	Nationality in accordance with ITB 4.3	Must meet the requirement	Must meet the requirement	Must meet the requirement	N/A	Forms ELI-1.1, 1.2, with attachments
1.2	Conflict of Interest	No conflicts of interest in accordance with ITB 4.2	Must meet the requirement	Must meet the requirement	Must meet the requirement	N/A	Letter of IFCQR Bid
1.3	KfW Eligibility	Not being ineligible for KfW financing, as described in ITB 4.3	Must meet the requirement	Must meet the requirement	Must meet the requirement	N/A	Declaration of Undertaking
1.4	Government-Owned Entity	Meet the conditions of ITB 4.3	Must meet the requirement	Must meet the requirement	Must meet the requirement	N/A	Forms ELI-1.1, 1.2, with attachments
<b>2. Historical Contract Non-Performance</b>							
2.1	History of Non-Performing Contracts	Termination of a contract did not occur as a result of the contractor's default in the past five (5) years	Must meet the requirement	Must meet the requirement	Must meet the requirement	N/A	Form CON-2.1
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 the requirement	Must meet the requirement	Must meet the requirement	N/A	Letter of IFCQR Bid
2.3	Pending Litigation	All pending litigation shall in total not represent more than one hundred per cent (100%) of the Applicant's net worth and shall be treated as resolved against the Applicant.	Must meet the requirement	N/A	Must meet the requirement	N/A	Form CON-2.1
2.4	Historical Debarment/	The bidder should not have been debarred by the Government of India / any State Government in India as on the due date of submission of the bid	Must meet the requirement	N/A	Must meet the requirement	N/A	Form CON-2.2

	Blacklisting/ Termination/Rescind						
Notes for the Bidder: (i) Non-performance, as decided by the Employer, shall include all Contracts: (a) where non-performance was not challenged by the Contractor, including through referral to the dispute resolution mechanism under the respective Contract, and (b) that were so challenged but fully settled against the Contractor. Non-performance shall not include Contracts where the Employer's 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. (ii) This requirement also applies to Contracts executed by the Bidder as a JV member							
<b>3. Financial Situation and Performance</b>							
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 &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 <b>INR 30.00 Crores</b> for this contract, net of Bidder's commitments for other Contracts. Banking reference should contain, in clear terms, that in case an 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. Liquidity of <b>INR 30.00 Crores</b> available: Pass Liquidity of <b>INR 30.00 Crores</b> 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 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'.</p>	Must meet the requirement	Must meet the requirement	N/A	N/A	Form FIN-3.1 with attachments, Form FIN-3.3 (a), and Form FIN-3.3 (b)
3.2	Deleted						

3.3	Financial Capabilities: Financial Position	The minimum requirements to 'Pass' the criteria are that the Balance sheets should indicate that the Net Worth of the Bidder (to be obtained from an 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 31.03.2025.	Must meet the requirement	N/A	Must meet the requirement	N/A	Form FIN-3.1 with attachments
3.4	Average Annual Turnover	(i) The minimum requirements to 'Pass' the criteria that the Average Annual Turnover for the last five financial years for Civil / -Construction only (in terms of rupee equivalent adjusted to last date of the financial year that ended on or before 31.03.2025. by assuming 5% escalation for Indian Rupee and 2% for foreign currency per year) shall not be less than <b>INR 190.00 Crore</b> . (ii) The value of annual turnover shall be calculated as total certified payments received for Contracts in progress and/or completed, within the last Five Financial years, divided by five years. (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 31.03.2025. (iv) In case of a Joint Venture/Consortium, the above evaluation will be done in totality after applying the pro-rata percentage participation of each member and not as an 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'.	Must meet the requirement	Must meet the requirement	Must meet [twenty five] [25]% of the requirement	Must meet [forty] [40]% of the requirement	Form FIN-3.2 (a) and Form FIN 3.2 (b)
3.5	Available Bid Capacity	As per below mentioned methodology.	Must meet the requirement	Must meet the requirement	N/A	N/A	Form FIN-3.2 (b), FIN-3.4(a) & FIN-3.4(b)
<p><b>Methodology for Working out the Available Bid Capacity</b></p> <p>The Bidders will be qualified only if their available bid capacity is more than <b>INR 190 Crore</b>. Available bid capacity will be calculated as under: Available Bid Capacity = 2AN-B Where, A = Maximum value of Civil / Construction in any one (1) year during the last five (5) years as certified by Chartered Accountant and as contained in the corresponding Audited Annual account Statement/Book of accounts of the concerned financial year to be considered and will be updated to 31.03.2025 price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year. (Refer to Form: FIN 3.2) N = No. of years in which supply and commissioning is to be made (N = 1.5 years in this case) 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 "N" 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 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 Civil / -Construction in any one year during the last five (5) years ('A' in the above formula) shall be the maximum turnover of Civil / -Construction in any one (1) financial year during the last five (5) financial years. The financial year as applicable in the country of origin of the bidders would be considered. The turnover of Civil / -Construction 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 the above formula and the details furnished by the Bidder shall be supported with audited copies, duly certified by an Independent chartered accountant/CPA, indicating Annual turnover of Civil 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 example, 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 the next 1.5 years period will be the period up to 17.06.2022.</p>							
<b>4.</b>	<b>Experience</b>						
4.1	General Construction Experience	Experience under a construction contract in the role of prime contractor, JV member, sub-contractor, or management contractor for at least the last FIVE (5) years ending on the last day of the month previous to the month of tender submission.	Must meet the requirements	N/A	Must meet the requirements	N/A	Form EXP-4.1
4.2	Specific Construction & Contract Management Experience	<p>The tenderers will be qualified only if they have successfully completed similar works (including finishing works) as a prime contractor, Joint Venture / Consortium member, management contractor or sub-contractor, with completion dates of which falling during the last 7 years ending the last day of the month previous to the month of tender submission as given below:</p> <p>At least one similar work of value <b>INR 150.00 Crore</b> OR Two similar works, each of value <b>INR 95.00 Crore</b> OR Three similar works, each of value <b>INR 75.00 Crore</b></p> <p>The "similar works" means any of the following works:- Construction of Metro Station, construction of road, retrofitting of existing streets, construction of footpath, side drains, road markings, signages, cycle tracks, bus bays, on-street parking.</p> <p>The "similar works" means any of the following works : Construction of Metro Station, construction of road, retrofitting of existing streets, construction of footpath , side drains, road markings, signages, cycle tracks, bus bays, on-street parking.</p> <p>If the tenderer is a JV/Consortium having foreign partners and the above works have been executed by the foreign partner, then in</p>	Must meet the requirement	Must meet the requirement	N/A	N/A	Form EXP-4.2 (a)

		addition to this, the foreign partner must have executed works (which need not be similar in nature) of a total put together value of INR 45 crore or more outside the country of the foreign partner.					
4.3	Experience in key activities	The tenderer shall have executed minimum one <b>Electrical work /Electro-Mechanical</b> which include but not limited to CCTV Cameras Installation, street lighting, installation of traffic signals etc. of value not less than INR 8.0 Crore for Metro stations/ Railway workshop / Railway yards /Metro stations / Airport / Commercial Building / Hospital /Industrial buildings/ urban streets/ footpaths during the last seven years ending last day of the month previous to the month of tender submission. In case, if tenderer(s) doesn't possess the above experience on their own, they have to propose designated sub-contractor(s), fulfilling the above criteria, with necessary details in the "Form – 4.2 (b)" of IFcQR.	Must meet the requirements (can be a specialist Sub contractor)	Must meet the requirements (can be a specialist Sub contractor)	NA	NA	Form EXP-4.2 (b)
4.4	Detailed Design Experience	The tenderer shall have executed minimum one detailed design experience / work for Multi-Modal Integration elements like footpath, intersections, Foot Overbridge/skywalk, urban street scaping etc. of value not less than INR 65 Lacs for MRTS/LRT/Railways/ISBT/Bus Terminals or any other urban project during the last seven years ending on the last day of the month previous to the month of tender submission. In case, if tenderer(s) doesn't possess the above experience on their own, they have to propose designated sub-contractor(s), fulfilling the above criteria, with necessary details in the "Form – 4.2 (b)" of IFcQR	Must meet the requirement (can be a specialist Sub contractor)	Must meet the requirement (can be a specialist Sub contractor)	NA	NA	Form EXP-4.2 (b)
<p><b>Notes:</b></p> <p>(i) Work experience of only substantial partner (partner with share of 26% or more in the JV / Consortium) shall be considered for evaluating of JV/Consortium. Lead partner must have a minimum of 26% participation in the JV/Consortium. Each other partners should have a minimum of 20% participation in the JV/Consortium. The lead partner in case of JV/Consortium, shall be one who has experience of executing at least one "similar work" of value of INR 75.00 crore or more similar nature as defined in clause 4.2 of Section - III.</p> <p>(ii) A management contractor is a firm which takes on the role of contract management as a "general" contractor of sorts 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>(iii) The similarity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VI, Employer's Requirements. Summation of the number of small-value Contracts (less than the value specified under the requirement) to meet the overall requirement will not be accepted.</p> <p>(iv) Value of successfully completed portion of any ongoing work up to last day of the month previous to the month of tender submission will also be considered for qualification of work experience criteria, provided at least 70% of the Contract value of work is completed. The details to be furnished in Exp. 4.2 (a) along with the Engineer / Employer's certificate and other requisite details as mentioned in NIT/Tender Document. The Engineer /Employer's certificate for ongoing works should not be older than three months from the tender submission date. For completed works, the value of work done shall be updated to the last day of the month previous to the month of tender submission price level, assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year. The exchange rate of foreign currency shall be applicable 28 days before the submission date of the tender.</p> <p>(v) Substantial completion shall be based on 70% or more of the works completed under the Contract.</p> <p>(vi) For contracts under which the Bidder participated as a JV member, only the Bidder's share, by value, shall be considered to meet this requirement.</p>							

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 a 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 to or more than the minimum value required, shall be aggregated.

(vii) For Contracts under which the Bidder participated as a JV member or Subcontractor, only the Bidder's share shall be counted to meet this requirement.

(viii) The tenderer shall submit details of works executed by them in the Form EXP 4.2(b) for the works to be considered for qualification of work experience criteria. Documentary proof of completion certificates from the client, clearly indicating the nature/scope of work, actual completion cost and actual date of completion for such work, should be submitted. The offers submitted without this documentary proof shall not be evaluated. In case the work is executed for a private client, a copy of the work order, bill of quantities, bill-wise details of payment received certified by C.A., T.D.S certificates for all payments received, and a copy of the final/last bill paid by the client shall also be submitted. The offers submitted without this documentary proof shall not be evaluated.

(ix) In case of a Joint venture/consortium, the full value of the work, if done by the same joint venture, shall be considered. Suppose they did the qualifying work(s) in a JV/consortium having different constituents. In that case, the value of the work as per their percentage participation in such JV/Consortium shall be considered.

(x) In case of JV/Consortium, a change in the constitution or percentage participation shall not be permitted at any stage after the submission of the application; otherwise, the applicant shall be treated as non-responsive.

(xi) Participation by Subsidiary Company / Parent Company with the credentials of another Company.

a) Applicant in the capacity of a Subsidiary Company as a single entity is not permitted to use the credential of its Parent Company and/or its Sister Subsidiary Company/ Companies unless the Applicant participates in tender as JV/Consortium with its Parent Company and/or its Sister Subsidiary Company/ Companies as a member(s) in JV/Consortium with minimum 26% participation each (as substantial member) for such member(s).

b) Applicant 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 Applicant participates in tender as JV/Consortium with its Subsidiary Company/ Companies as a member(s) in JV/Consortium with minimum 26% participation each (as substantial member) for such member(s).

(xii) Partners having less than 26% participation will be termed as non-substantial partner. They will not be considered for evaluation which means that their financial soundness and work experience shall not be considered for evaluation of JV/Consortium. However, in this tender for Civil works, a JV/Consortium to qualify, each of its partner (including non-substantial partners) must have experience of executing at least one Civil Work of minimum INR 35 Crore in last 07 years. The tenderer shall submit details of above works executed by them in the Form EXP 4.2(a)

<b>5. Environmental and Social and Health and Safety (ESHS) Experience and Capacity</b>							
(a)	Certificates	Availability of a valid ISO certification as below or an internationally recognised equivalent (equivalence to be demonstrated by the Applicant) <ul style="list-style-type: none"> <li>Quality Management certificate ISO 9001:2015</li> <li>Environmental management certificate ISO 14001:2015</li> <li>Health and Safety certificate OHSAS 18001 or ISO 45001</li> </ul>	Must meet the requirement	N/A	Must meet the requirement	N/A	Form CER-5.1
(b)	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 subcontractor1 on or after the first day of the calendar year during the period stipulated in 5(a) above, a minimum specific experience relating to the following ESHS requirements: [list key ESHS requirements individually with a focus on ESHS aspects which are relevant to the implementation of the contract.] including but not limited to welding, electrical works, OHS Management camps and worker accommodation/transportation management, working at height, working in confined spaces, Lifting operations, crane safety, Tools and equipment safety, vehicles safety, traffic management, road transport safety, environmental	Must meet the requirement	Must meet the requirement	N/A	Must have executed at least 1 contract demonstrating experience with the key ESHS requirements as listed in the Requirements column.	Form EXP-5.2

		management and pollution and spill prevention, management of wastes and hazardous materials, etc.]					
(c)	Environmental Capacity	The Applicant must demonstrate that its business setup and operations meet the minimum requirements towards an effective environmental management system: <ul style="list-style-type: none"> <li>• ESHS Policy,</li> <li>• ESHS Procedures,</li> <li>• ESHS Staff organization</li> <li>• ESHS Training</li> <li>• ESHS Reporting</li> </ul>	Must meet the requirement	Must meet the requirement	N/A	N/A	Form ENV-5.3
(d)	Occupational Health and Safety Capacity	The Applicant must demonstrate that its business setup and operations meet the minimum requirements towards an effective health and safety management system.	Must meet the requirement	Must meet the requirement (Refer note-a)	N/A	N/A	Form OHSAS-5.4
(e)	Socially Responsible Work Implementation	The Applicant must demonstrate a comprehensive understanding of the requirements regarding work site implementation and operation	Must meet the requirement	Must meet the requirement (Refer note-a)	N/A	N/A	Form LOC-5.5
(f)	ILO Core Labor Standards	Undertaking to fully respect the ILO Core Labour Standards in the Applicant's business practice	Must meet the requirement	N/A	Must meet the requirement	N/A	Application Submission Form (f) and form COC-5.6
(g)	Ethical Business Principles	The Bidder must demonstrate that its business setup and operations meet the minimum requirements towards ethical business principles.	Must meet the requirement	N/A	Must meet the requirement	N/A	Form COC-5.6
(h)	ESHS and Construction Personnel	The Applicant must demonstrate that it has access to adequate candidates for the ESHS personnel profiles, listed in Section III: Qualification and Evaluation Criteria. 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. In case bidder do not have in house personnel for any of ESHS requirements, they should propose independent agency to carry out activities that meeting certification requirements of 5 (a) & (b).	Must meet the requirement	Must meet the requirement	N/A	N/A	Form PER-5.7

**Note:**

a) the applicant to note that all JV members are responsible under the lead member to comply the requirement during the execution of the contract

b) the applicant to explain how EHS and construction personal capacity will be established by the JV partners

## 2 Evaluation of Technical Bids (i.e., Envelope - 2):

Completeness and responsiveness of the Technical Bid will be assessed according to the Responsiveness Criteria of ITB 30. In addition to the criteria listed in ITB 11.3 (a) to (u), the following criteria shall apply in the evaluation of the technical bid.

### 2.1 Personnel:

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

Sr. No.	DESIGNATION	Minimum no. of Personnel#	QUALIFICATION	EXPERIENCE LEVEL
<b>1</b>	<b>Design team/ Implementation support</b>			
1.1	Team Leader, Transport Planner	1	Graduate Civil Engineer, Master's in transportation planning/ engineering	15+ years of total experience, 5 years of relevant experience
1.2	Civil Engineer/ Structural Engineer	2	Graduate Civil Engineer, preferably with a post-graduation degree in Structural Engineering	8/5 years of experience in the design of steel structures, detailed design of road elements after graduation/ post-graduation
1.3	Architect	1	Bachelor's degree in Architecture	5 years of experience in preparing roads good for construction (GFC) drawings
1.4	Draughtsman	2	Diploma in Civil Engineering	5 years of experience in preparing Structural Drawings and good for construction (GFC) drawings for urban roads
<b>2</b>	<b>Supervision team</b>			
2.1	Project Manager*	1	A Graduate in Civil Engineering.	Minimum total experience of 15 years, out of which a minimum of 10 years in charge of similar works
2.2	Liaison/Interface Manager	1	A Graduate in Engineering.	Total Minimum experience of 10 years out of which minimum 3 years in similar works.
2.3	Planning Manager*	1	Graduate in Civil Engineering With knowledge in MS Project/Primavera software	Total Minimum experience of 15 years, including a minimum of 5 years in project planning.
2.4	Sr. Civil Engineer	1	Graduate or Diploma in Civil Engineering	Minimum total Experience of 10 years for a graduate; 12 years for a Diploma holder in the relevant field.
2.5	Geotechnical Engineer	1	Post-Graduation in the concerned Discipline	Total minimum experience of 05 years, with a minimum of 03 years' experience in the relevant field.
2.6	Quality Assurance Manager*	1	Graduate in Civil Engineering /Diploma in Quality Assurance	Minimum total experience of 10 years for a graduate; or 12 Years with a diploma, and out of which 5 years are in similar work.

Sr. No.	DESIGNATION	Minimum no. of Personnel#	QUALIFICATION	EXPERIENCE LEVEL
2.7	Safety/ESHS Manager	1	Graduate or Diploma in Construction Safety	Minimum total Experience 10 years for a Graduation; 12 years for a Diploma in Environment, Health and Safety.
2.8	Purchase / Procurement Engineer	1	Graduate /Diploma in Civil Engineering	Minimum total Experience 10 years for a graduate & 12 years for a diploma holder in purchase/procurement.
2.9	Senior Surveyor	1	Diploma/ ITI	Minimum total Experience 10 years for Diploma & 15 years for ITI
2.10	Auto CAD Operator	1	Diploma/ ITI	Minimum total Experience 10 years for Diploma or 15 years for ITI in the relevant field
2.11	Document Controller	1	Any Graduate	Minimum 07 years for any Graduate in a relevant field, preferably in ISO standard documentation.
2.12	Electrical Engineer	1	Graduated in Electrical Engineering.	Total minimum experience of 07 years, out of which a minimum of 03 years' experience in the relevant field.
2.13	PHE Engineer	1	Graduate or Diploma in the concerned discipline	Total minimum experience of 07 years, out of which a minimum of 03 years' experience in the relevant field.
2.14	Urban designer/ Architect	1	Graduate in a Concerned discipline	Minimum 10 years in design and site execution of urban projects, including cycle tracks, street design and BRTs, etc.
2.15	Transport Planner cum Engineer	1	Graduate in a Concerned discipline	Minimum 8 years of experience in executing projects such as BRTs, Public Bike sharing, NMT, Pedestrian infrastructure, skyways, etc. and possess a sound understanding of Station area accessibility and universal accessible design standards and traffic management during construction as per IRC and other standard codes.

# The final deployment schedule will be submitted along with IWP (Initial work Programme) /DWP (Detailed work Programme) /, which should reach this minimum level specified as minimum. The penalty will not be imposed for the first four months.

"Liaison/interface" refers inter alia to statutory stakeholders such as other Surat Metro Contractors, SMC, as well as local residents, and other locally affected persons.

NOTES: -

I. The Similar work for this contract shall mean experience in Metro / Railway / Other Infrastructure projects having a similar nature of work. The resources will be deployed after prior approval from the employer.

II. The contractor shall deploy resources as per the above-mentioned minimum requirement and also confirm to deploy manpower over and above the minimum numbers indicated above, if the work requires so.

III. The performance of project personnel deployed will be evaluated periodically by the Employer during the contract period. In case the performance of any of the project personnel is not satisfactory, the Contractor shall replace them with good personnel immediately as per the directions of the Engineer. \*Qualification and experience level of other safety/environment personnel should be as per the conditions of the Contract on Safety & Health and Environment.

IV. These minimum resources are as per the requirements of various activities at different stages of work. All resources do not need to be mobilised simultaneously; those required for multiple stages of work shall be mobilised according to the agreed-upon program.

V. In case of non-deployment of project personnel, the penalty shall be imposed INR 1.5 Lacs per month and deducted from the Contractor's running/ final bills. In the event of non-deployment for part of the month, the same shall be imposed on a proportionate basis. The Engineer's decision in this regard shall be final and binding.

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

## 5.2 Equipment:

The Bidder must demonstrate that it can obtain (purchase, lease or rent) the key equipment listed hereafter:

S. No.	Type of equipment required for the work	Minimum no. of units of equipment required for the work	Maximum Permissible Age in Years
1	<b>Construction Equipment.</b>		
a)	Mini Cement Concrete Batching Plant / Concrete Mixer Machine(s) to meet the requirements	1 (20 Cum/hr.)	05
b)	Survey Instruments (Total Station with calibration certificate)	3 or as per the requirement	10
c)	Lab testing equipment – fully equipped for site tests.	As per the requirement	
d)	Any other tools and tackle	As per the requirement	-
e)	JCB	As per the requirement	-
f)	Crane /Hydra	As per the requirement	
g)	Site Laboratory	1 per Station or as per the requirement	
h)	Compactors	As per the requirement	
l)	Tippers/Dumpers	As per the requirement	
m)	Water Tankers	As per the requirement	
n)	Concrete needle vibrators	As per the requirement	

The Bidder shall provide further details of proposed items of equipment using Form EQU in Section IV - Bidding Forms.

### Note:

- (a) At the time of bidding, the contractor must demonstrate the capability to have these plants & equipment either by purchase, lease or rent and be capable of mobilising on short notice without wasting prime working time.

(b) These resources are for the peak period of each activity. All plants and equipment need to be mobilised simultaneously. As required, and according to the progress of the work, they shall be brought to the site from project Commencement or as directed by the Engineer in charge.

**UNDERTAKING:**

We confirm the deployment of resources as per the above-mentioned minimum requirement, and also confirm the deployment of plants & equipment beyond the minimum numbers indicated above, if the work requires it.

SIGNATURE OF AUTHORIZED SIGNATORY ON BEHALF OF TENDERER

**3. Evaluation of Financial Bid (i.e., Envelope-3)**

3.1 In addition to the criteria listed in ITB 11.4 (a) to (e), Completeness and responsiveness of the Financial Bid will be assessed according to the Responsiveness Criteria of ITB 36.2.