

**DESIGN, MANUFACTURE, SUPPLY, INSTALLATION,
TESTING AND COMMISSIONING OF
SIGNALLING AND TRAIN CONTROL SYSTEMS
FOR SURAT METRO RAIL PHASE-I PROJECT**

Bid: GMRC/S&T/SIG-02

Part – 1: Bidding Procedures

Section III – Qualification and Evaluation Criteria

Table of Contents

PART 1	Bidding Procedures
Section I	Instructions to Bidders
Section II	Qualification and Bid Data Sheet
Section III	Qualification and Evaluation Criteria
Section IV	Qualification and Bidding Forms
Section V	Eligibility Criteria
Section VI	KfW Policy – Sanctionable Practice – Social and Environmental Responsibility
PART 2	Employer’s Requirements
Section VII A.	Employer’s Requirements – General Specifications (ERGS)
Section VII B.	Not Used
Section VII C.	Employer’s Requirements – Technical Specifications (ERTS)
Section VII D.	Tender Drawing
Section VII E.	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 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 / Max. Scores				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

Criteria			Requirements / Max. Scores				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
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							
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 420 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>	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 / Max. Scores				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
		Liquidity of INR 420 million available: Pass Liquidity of INR 420 million not available: Fail (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'.					
3.2	Deleted						
3.3	Financial Capabilities: Financial Position	(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.	Must meet requirement	N/A	Must meet requirement	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 S&TC System Contractor only (in terms of rupee equivalent adjusted to last date of the financial year that ended on or before 31.03.2021. by assuming 5% escalation for Indian	Must meet requirement	Must meet requirement	Must meet (25% of the) requirement	Must meet (40% of the) requirement	Form FIN-3.2 (a) and Form FIN 3.2 (b)

Criteria			Requirements / Max. Scores				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
		<p>Rupee and 2% for foreign currency per year) shall not be less than INR 2535 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							

Criteria			Requirements / Max. Scores				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
<p>The Bidders will be qualified only if their available bid capacity is more than INR 3100 million. Available bid capacity will be calculated as under:</p> <p>Available Bid Capacity = 2AN-B</p> <p>Where,</p> <p>A = Maximum value of S&TC System Contractor 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 = 1.83 years (22/12) 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 1.83 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 S&TC System Contractor in any one year during last five (5) years ('A' in the above formula) shall be the maximum turnover of S&TC System Contractor 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 S&TC System Contractor 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 S&TC System Contractor 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 1.83 years period will be period up to 15.10.2021.</p>							
4. Construction Experience							
4.1	General Construction	Experience under Contracts in the role of Prime Contractor (single entity or JV member), Sub-Contractor, or Management	Must meet requirements	N/A	Must meet requirements	N/A	Form EXP-4.1

Criteria			Requirements / Max. Scores			Documentation Requirements / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member		One Member
	Experience – Delivery Record	Contractor ¹ for at least the last 10 years starting 01st Jan 2012 to 01st Jan 2022. For foreign companies, this experience shall be outside the country of origin of the Bidder.					
4.2 (a)	Specific Experience – Operational Performance	A minimum number of similar ² Contract(s) that have been satisfactorily and substantially ³ completed as a Prime Contractor (single entity or JV member ⁴), Sub-Contractor or Management Contractor between 01st Jan 2012 to 01st Jan 2022 as follows – 01 (ONE) Works similar to “Design, Manufacture, Supply, Installation, Testing and Commissioning of Signaling and Train Control System with radio based CBTC Signalling system with moving block principle for Metro Rail Projects” of at least 32 route KM section. OR 02 (TWO) Works similar to “Design, Manufacture, Supply, Installation, Testing and Commissioning of Signaling and Train Control System with radio based CBTC Signalling system with moving block principle for Metro Rail Projects” each of at least 20 route KM section. OR	Must meet requirement	Must meet requirement	N/A	N/A	Form EXP-4.2 (a)

Criteria			Requirements / Max. Scores			Documentation Requirements / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member		One Member
		<p>03 (THREE) Works similar to “Design, Manufacture, Supply, Installation, Testing and Commissioning of Signaling and Train Control System with radio based CBTC Signalling system with moving block principle for Metro Rail Projects” each of at least 16 route KM section.</p> <p>For foreign companies, at least 01 Work experience shall be outside the country of origin of the Bidder.</p>					
4.2 (b)	<p>Specific Construction Experience in key activities</p>	<p>For the above and any other Contracts completed and under implementation as Prime Contractor, Joint Venture member, Management Contractor or Sub-Contractor⁶, a minimum experience in the following key activities must be satisfactorily and substantially completed⁷:</p> <p>(I) In at least 01 (ONE) completed work the following must have been executed:</p> <ul style="list-style-type: none"> (i) CBTC System works including ATP, ATO, DTO/UTO. (ii) OCC and ATS works. (iii) Computer based Interlocking. (iv) Depot works. (v) Trackside work – Axle Counters/Signals/Point machines. <p>(A) In above completed work – CBTC/ ATP and CBI subsystem shall be from Bidder as a Contractor or JV/ Consortium partner.</p> <p>(B) At least 02 (TWO) CATC works (at least one with CBTC) satisfactorily completed.</p> <p>(C) At least one UTO System Commissioned and proven in passenger operation for minimum one year.</p> <p>For foreign companies, at least 01 (ONE) such work</p>	<p>Must meet requirement</p>	<p>Must meet requirement</p>	<p>N/A</p>	<p>N/A</p>	<p>Form EXP-4.2 (b) Form ELL-1.3</p>

Criteria			Requirements / Max. Scores			Documentation Requirements / Forms	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member		One Member
		should be outside the country of origin of the Bidder. (D) Experience of integration of all major Signalling subsystems (Interlocking, ATP, ATS and Radio based CBTC) in at least one Signalling and Train Control System project. (E) Experience of integration with systems (Signalling, Rolling Stock, PSD) in at least one Signalling and Train Control Systems project.					
<p>¹ 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>² The similarity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in 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.</p> <p>³ Substantial completion shall be based on 80% or more works completed under the Contract.</p> <p>⁴ 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.</p> <p>⁵ 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.</p> <p>⁶ For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder’s share shall be counted to meet this requirement.</p> <p>⁷ 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).</p> <p>Notes:-</p> <p>(1) In case of postponement(s) in ‘date for bid submission’, if any, twenty-eight days prior to postponed ‘date for bid submission’ shall be considered.</p> <p>(2) 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.</p> <p>(3) Value of successfully completed portion of any ongoing work up to last day tender submission will also be considered for qualification of work experience criteria, provided at least 80% of the Contract value of work is completed, duly certified by the Employer/Engineer.</p> <p>(4) For completed works, value of work done shall be updated to last day of the month previous to the month of tender submission price level assuming 05% inflation for Indian Rupees every year and</p>							

Criteria			Requirements / Max. Scores				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
02% for foreign currency portions per year. The exchange rate of foreign currency shall be applicable 28 days before the date for bid submission. (5) In case of JV/Consortium, change in constitution or percentage participation shall not be permitted at any stage after their submission of Bid, otherwise the Bidder shall be treated as non-responsive. (6) Participation by Subsidiary Company / Parent Company with credential of other Company: a) Bidder 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 Bidder 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) 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 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).							
5. Environmental and Social and Health and Safety (ESHS) Experience and Capacity							
5.1	Certificates Level 3 Certificates <i>[required only if marked ③ or ② in Form CER-5.1, otherwise insert N/A, further explanation see preface to Form CER-5.1]</i>	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 45001 Certificates should demonstrate the Bidder's respective management competence to cover all activities and work sites relevant to the contract, in particular: (i) metro rail signalling & train control plant (s), (ii) transport to the project site, and (iii) on-site activities/works incl. testing and commissioning	Must meet requirements	N/A	Must meet requirement,	Must meet requirement	Form CER-5.1
5.2	Experience in Projects with	For the above and any other contracts completed and under implementation as prime contractor, joint venture member,	Must meet requirement	Must meet requirement	N/A	Must have executed at least 1 contract(s)	Form EXP-5.2

Criteria			Requirements / Max. Scores				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			
				All Parties Combined	Each Member	One Member	
	significant ESHS Impacts and Risks	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 Metro project (b) Safety Measures for track side working © Emergency Preparedness and Training for metro train operations				demonstrating experience with the key ESHS requirements as listed in the 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

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 / Max. Scores				Documentation Requirements / Forms
No.	Subject	Requirement	Single Entity	Joint Venture (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) 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	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
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 **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 the 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. Refer ITB 4.9 of Bid Data Sheet regarding debarment of the Bidder.
7. 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 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 S&TC System 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

- (a) the evaluation of the Bidder’s plan to mobilize and deploy key personnel (see 2.1.5),

- (b) the evaluation of the proposed design, manufacturing, delivery, testing and commissioning methods,
- (c) the evaluation of the proposed design, manufacturing, delivery, testing and commissioning schedules,
- (d) the evaluation of the proposed detailed supply sources,
- (e) evaluation of workable methodology and programme for Indigenization as mentioned in ITB 5.3 including indigenous manufacturing of equipment's as listed in Appendix-X (of Signalling ERTS), 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 Appendix-Y (of Signalling ERTS), 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) for time schedule. 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