Tender Description: Design, Manufacture, Supply, Testing, Commissioning of Standard Gauge Metro Rolling Stock (210 cars) and Training of Personnel Tender No. CMRL/PHASE II/SYS/CP26/ARE02/2021 Tender ID. 2021_CMMDB_640237_1

S. No.	Part/Section No.	Clause No.	Original Bid Condition	Revised Bid Condition				
1	Part 1 : BDS	ITB 22.2	The Power of Attorney authorizing to sign on behalf of the bidder shall be submitted in the format provided in Section IV – Bidding Forms – Form: 'Power of Attorney for Signing of Bid'	The Power of Attorney authorizing to sign on behalf of the bidder shall be submitted.				
2	Part 1 : EQC	1.1.1		Inserted New Clause: Bidders shall ensure that the Qualification of the proposed personnel is Engineering Graduate or above. Bidders can propose more than One personnel for each position.				
3	Part 1 : EQC	2.4	Notes for the Bidder: (ii) 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.	Deleted.				
4	Part 1 : EQC	2.6	Establishment of manufacturing facility in India: The successful bidder shall establish metro cars manufacturing facility in India to manufacture at least 75% of the quantity ordered in this bid either through collaboration with companies based in India or by setting up an independent manufacturing unit in India. The contractor shall provide declaration through the Form Manufacturing Facility that he will establish a manufacturing facility in India and assembled/ manufacture at least 75% of the total ordered quantity.	Establishment of manufacturing facility in India: The successful bidder shall ensure that 75% of the quantity ordered in this bid is achieved by establishing metro cars manufacturing facility in India to manufacture or utilize existing Rolling Stock manufacturing facility for assembly works. The contractor shall provide declaration through the Form Manufacturing Facility that he will establish a manufacturing facility in India to manufacture or utilize existing Rolling Stock manufacturing facility for assembly works at least 75% of the total ordered quantity.				
5	Part 1 - Section IV Bidding Forms		Schedule of Adjustment Data (Table A & Table B): Note: In case if the bidder fills in weightages whose sum is not equal to 0.67 (excluding Nonadjustable), then CMRL will adjust the indices on pro-rata basis based on bidder's submission.	Schedule of Adjustment Data (Table A & Table B): Note: Bidder shall quote the applicable weightage/co-efficient against each components listed above within the range specified therein and the sumtotal of all the components (including Non-adjustable (Fixed) component) shall be equal to 1 (100%). Bidder shall upload the filled-in 'Schedule of adjustment data' along with their Price bid. In case if the bidder fills in weightages whose sum is not equal to 0.67 (excluding Nonadjustable), then CMRL will adjust the indices on pro-rata basis based on bidder's submission.				
6	Part 1 - Section IV Bidding Forms	2 - Schedule of Adjustment Data:		New Clause Inserted : Table C: Foregin Currency				
7	Part 1 - Section IV Bidding Forms	2 - Schedule of Adjustment Data:		New Clause Inserted: Table C: Note Bidder shall quote the applicable weightage/co-efficient against each components listed above within the range specified therein and the sumtotal of all the components (including Non-adjustable (Fixed) component) shall be equal to 1 (100%). Bidder shall upload the filled-in 'Schedule of adjustment data' along with their Price bid. In case if the bidder fills in weightages whose sum is not equal to 0.67 (excluding Nonadjustable), then CMRL will adjust the indices on pro-rata basis based on bidder's submission.				
8	Part 1 - Section IV Bidding Forms	3.2.2		New Clause Inserted: Conditions Applicable to Price Adjustment: (f) If the currency of the index specified in 'Schedule of adjustment data' of Section IV – Bidding Forms is different from the currency of payment, a correction factor will be applied to avoid incorrect adjustment of the Contract Price. The correction factor shall correspond to the ratio of the exchange rates between the two currencies (Currency of payment and currency of index) on the Base date and the date of adjustment, as defined above.				

Tender Description: Design, Manufacture, Supply, Testing, Commissioning of Standard Gauge Metro Rolling Stock (210 cars) and Training of Personnel Tender No. CMRL/PHASE II/SYS/CP26/ARE02/2021 Tender ID. 2021_CMMDB_640237_1

				New Clause Inserted :
9	Part 1 - Section IV Bidding Forms	3.2.2		Conditions Applicable to Price Adjustment: (g) The value of the index on the Base date will be converted into a notional index in the currency of payment using the exchange rate on the base date between the currency of the index and the currency of payment. This notional index value will be used as "So", "Ao", "Co" "Fo" and "Lo" as applicable. The value of the index on the adjustment date in notional terms will be computed likewise using the exchange rate on the date of adjustment. These notional index values will correspond to "Sn", "An", "Cn" "Fn" and "Ln" as applicable.
10	Part 1 - Section IV Bidding Forms	4.4.5		New Clause Inserted : B11 : Obtain as above for next 7 train sets
11	Part 1 - Section IV Bidding Forms	4.4.6		New Clause Inserted : C11 : Obtain as above for next 7 train sets
12	Part 1 - Section IV Bidding Forms	4.4.7		New Clause Inserted : D11 : Obtain as above for next 7 train sets
13	Part 1 - Section IV Bidding Forms	4.4.8		New Clause Inserted : E11 : Obtain as above for next 7 train sets
14	Part 1 - Section IV Bidding Forms	4.4.9		New Clause Inserted : F11 : Obtain as above for next 7 train sets
15	Part 1 - Section IV Bidding Forms	4.4.10	G6: Intermediate Overhauling Spares for 2 Train Sets of 3 cars (As per Appendix E, Part 2, Employer's Requiement - Technical Specification). (Details to be given as per Annexure GA6)	G6: Intermediate Overhauling Spares for <u>1 Train Set</u> of 3 cars (As per Appendix E, Part 2, Employer's Requiement - Technical Specification). (Details to be given as per Annexure GA6)
16	Part 1 Section IV	Bidding Forms GA 5 (Sl. No. 25)	Depot maintenance tools: Software tools for train equipment Maintenance, monitoring equipment & Depot Management performance.	Depot maintenance tools: Software tools for train equipment Maintenance & monitoring equipment.
17	Part 1 Section IV	Bidding Forms 5.1	[Insert technical proposal for Site Organization]	Bidders shall submit detailed Technical Proposal for Site Organization & Site Management Plan, which shall include both Onshore & Offshore team details.
18	Part 1 Section IV	Bidding Forms 5.2	[Insert technical proposal for Method Statement]	Bidders shall submit detailed Technical Proposal for Manufacturing Plan. The document shall cover the methodology adopted for proposed Major Subassemblies, Manufacturing of Cars (Onshore & Offshore).
19	Part 1 Section IV	Bidding Forms 5.3	[Insert technical proposal for Mobilization Schedule]	Bidders shall submit detailed Technical Proposal for Mobilization Schedule Plan. The document shall cover the methodology adopted for proposed Project, Engineering, Manufacturing (Onshore & Offshore), T&C, DNP, etc.,
20	Part 1 Section IV	Bidding Forms 5.4	[Insert technical proposal for Construction Schedule]	Bidders shall submit detailed Technical Proposal for Work Programme & Design Submission Programme.
21	Part 1 Section IV	Bidding Forms 5.13	Propulsion (Traction converter and Traction motors) Communication System	Revised Bid Condition Propulsion (Traction converter, Auxiliary Converter Inverter and Traction motors) Communication system (PA, PIS & CCTV)
22	Part 1 Section IV	Bidding Forms 5.13	The following Subcontractors and/or manufacturers are proposed for carrying out the item of the facilities indicated. Bidders are free to propose more than one for each item.	The following Subcontractors and/or manufacturers are proposed for carrying out the item of the facilities indicated. Apart from the items indicated below, Bidders can propose anyother Major items based on their Previous Project experience. Bidders are allowed to propose more than one sub contractor for each item and CMRL reserves their rights to choose any subcontractor from the Bidder's proposal.
23	Part 1 Section IV	Bidding Forms 5.13		Inserted New Clause: Major Items of Plant and Installation Services Carbody (Roof Structure, Side Structure, Underframe Structure, End Structure & Cab Structure). Main Transformer & VCB
24	Part 1 Section V	ESC	"Section A"	In this section "Section A" is replaced with "Section V"
25	Part 1 Section IV	Section 4.2		New Clause Inserted: Note (v): The bidder shall be responsible to ensure that their quoted price towards individual Price Centres in various currencies (if any), converted into INR equivalent as above, are in compliant with the apportionment percentage indicated against each Price Centres. In case of any deviation in the quoted price towards individual Price Centres with respect to its allowable apportionment percentage, the Employer will readjust the prices among the Price Centres without altering the Total Bid Price, before entering into the Contract agreement.

Tender Description: Design, Manufacture, Supply, Testing, Commissioning of Standard Gauge Metro Rolling Stock (210 cars) and Training of Personnel Tender No. CMRL/PHASE II/SYS/CP26/ARE02/2021 Tender ID. 2021_CMMDB_640237_1

				Resource lemory isk Storage	Spare Capacity 50%			Resource Memory	Spare Capacity 50% 50%
26	Part 2 - Section VI ERTS	ERTS 20.6.5	C _i	ommunication inks/Ports iput/Output Capacity	50%			Disk Storage Communication Links/Ports Input/Output Capacity	50%
									Min. 10% (End of DNP)
27	Part 2 - Section VI ERTS	Appendix C: 14.1.1	This section describes the interface requirements between Rolling Stock (ARE03) Contract and other Rolling Stock (ARE02 / ARE04) Contractor.			This section describes the interface requirements between Rolling Stock (ARE02) Contract and other Rolling Stock (ARE03 / ARE04) Contractor.			
28	Part 2 - Section VI ERTS	20.6.6	of the software development an ii. Other than ju function (e.g. a security standar essential for sar	e added if they are r	ol, built-in sectorirus, firewall, - ("this is for A	during both the durity facility / any computer AFC only", etc.) is (e.g. ATS and AFC).	1) Sahardedata sabordata s	Contractor shall define procedur ware, software, communication proacquisition concepts of Rolling sto lopment and operation stages. In than just procedural control, built is control, anti-virus, firewall, any only with aspects to be considered in abotage: The Contractor shall descrive ware, software, communication proacquisition concepts of Rolling sto tage during the development and of define the physical restrictions as if it tests to be carried out on the transauthorised Access: The Contractor and data acquisition concepts is unauthorized access and subsequence define both physical and procedure this, the Contractor shall use suppression tools, as reviewed by Contractor shall not relieve the Contractor shall submit the Security and communication cable or nodes; rity Levels shall be declared by RS and stock. The Contractor shall submit the Security Levels shall comply IEC62443 national Standards) and prepare the factional & Technical precautions / proporated in the system design to ending Stock sub-system including both ractor shall ensure that all the complex contractor shall ensure that all the complex contractors and continuous monitoring contractors and continuous mon	trin security facility / function (e.g. computer security standards) to aclude and shall not be limited to: The measures taken to protect all otocols, architecture, networks and ck & its sub-systems against perational phase. This description well as procedural measures taken to dication protocols, architecture, of Rolling stock & its sub-systems uent modification. The description all methods. Oftware which is susceptible to dication protocols, architecture, of Rolling stock & its sub-systems uent modification. The description all methods. Oftware which is susceptible to dication protocols, architecture, of Rolling stock & its sub-systems uent modification. The description all methods. Oftware which is susceptible to dication protocols, architecture, of Rolling stock & its sub-systems uent modification. The description all methods. Oftware which is susceptible to difficulty of the software nutractor of his obligations to ensure the property virus detection software used in accident or natural disaster. Contractor for all software used in the security of all hardware, thitecture, networks and data activity Plan including procedures taken as also sure necessary safety of the complete hardware & Software. The puter based systems in network are in the puter based systems in network are in the puter based systems in network are in the direction of the system to define procedures for assured actically, the ability of the system to define procedures for assured define procedures for

Tender Description: Design, Manufacture, Supply, Testing, Commissioning of Standard Gauge Metro Rolling Stock (210 cars) and Training of Personnel Tender No. CMRL/PHASE II/SYS/CP26/ARE02/2021 Tender ID. 2021_CMMDB_640237_1

29	Part 2 - Section VI ERTS	Appendix D :		Latest copy of Alignment data is attached.
30	Part 2 - Section VI ERTS	1.6.1	Contractor shall supply the overhauling kits for two train sets. The price of overhauling kits for two train sets shall be included in the Contract. Overhauling kits for all those equipment, systems, sub-systems of trains that will need overhauling during intermediate overhaul of the train will be included in these kits. Contractor shall submit the list of such kits and if possible the details of the items in the kits in technical offer.	Contractor shall supply the overhauling kits for <u>One trainset</u> . The price of overhauling kits for <u>One trainset</u> shall be included in the Contract. Overhauling kits for all those equipment, systems, sub-systems of trains that will need overhauling during intermediate overhaul of the train will be included in these kits. Contractor shall submit the list of such kits and if possible the details of the items in the kits in technical offer.
31	Part 3 Section VIII Particular Conditions	Origin of Goods and Services:	The successful bidder under this contract shall procure goods and services of minimum 90% (Seventy Point Five Percentage) of the Contract Price from Japanese Manufacturers/contractors as per Section V – Eligible Source countries. Remaining portion of the goods and services shall be procured from Indian manufacturers / contractors.	The successful bidder under this contract shall procure goods and services of minimum 90% (Nienty Percentage) of the Contract Price from Japanese Manufacturers/contractors as per Section V – Eligible Source countries. Remaining portion of the goods and services shall be procured from Indian manufacturers / contractors.
32	Part 3 Section VIII Particular Conditions	1.1.5.8		New Clause Inserted: Add the following at the end of Sub-Clause 1.1.5.8 with the following: "Works" will generally mean railcars/trains.
33	Part 3 Section VIII Particular Conditions	1.5	explanatory of one another. For the purposes of interpretation, the priority of the documents shall be in accordance with the following sequence: (a) the Contract Agreement along with schedules, (b) the Letter of Acceptance (LoA), (c) Letter of Technical Bid and Letter of Price Bid (d) Addendum/Corrigendum to Tender (e) the Particular Conditions – Part A (Contract Data) (f) the Particular Conditions – Part B (Specific Provisions) (g) the General Conditions (h) Employer's Requirements – Technical Specifications (i) Pricing Document & Financial Bid (j) the Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loan (k) Any other documents forming part of the contract	The documents forming the Contract are to be taken as mutually explanatory of one another. For the purposes of interpretation, the priority of the documents shall be in accordance with the following sequence: (a) the Contract Agreement along with schedules, (b) the Letter of Acceptance (LoA), (c) Letter of Technical Bid and Letter of Price Bid (d) Addendum/Corrigendum to Tender (e) the Particular Conditions – Part A (Contract Data) (f) the Particular Conditions – Part B (Specific Provisions) (g) the General Conditions (h) Employer's Requirements – Technical Specifications (i) Pricing Document & Financial Bid (j) Technical Bid submitted by the Bidder (k) the Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loan (l) Any other documents forming part of the contract If an ambiguity or discrepancy is found in the documents, the Engineer shall issue any necessary clarification or instruction.
34	Part 3 Section VIII Particular Conditions	5.4		New Clause inserted: "This shall also include metro safety certification and technical clearances, safety certification of Rolling stock for public carriage of passenger and all other rules, guidelines, Acts, as specified by the Government of India."
35	Part 3 Section VIII Particular Conditions	9.1		New Clause Inserted: (g) RDSO requirements for Contractor's submission and testing as per ERTS clause 17.11 of Part 2 – Section VI of tender document
36	Part 3 Section VIII Particular Conditions	10.1		New Clause Inserted: The Defect Notification Period shall begin with Taking-Over of Works or Section except for parts and systems/sub-system of Works, which require corrective action. Defect notification period for such parts and systems/sub-systems shall commence only after completion of corrective action up to the satisfaction of the Engineer/Employer.