

"Design, Manufacture, Supply, Installation, Testing and Commissioning of two numbers each of Electric Bogie Tractors, Electric Shunter and Battery Powered Shunting Locomotive for Surat Metro Rail Project" as Lot I and Lot II"							Addendum No: 1, Dated: 04-03-2022
TENDER NOTIFICATION No: GMRC/DCD&BD/MP-L3/2022 dated 28/01/2022							TENDER No: GMRC/DCD&BD/MP-L3/2022
Sr. No.	Volume No	Section	Page No.	Clause No / Appendix	Paragraph / Line	Clause Description (relevant portion) as existing in the Tender Documents	Clause Description (relevant portion) as amended now to be read as
1	1	NIT	2 of 16	TENDER NOTIFICATION	Table	INR 25,000/- For Lot I or INR 25,000/- For Lot II or INR 50,000/- For Lot I and Lot II combined.	INR 25,000/- For Lot I or INR 25,000/- For Lot II or <b>INR 25,000/-</b> For Lot I and Lot II combined.
2	2	SCC	17 of 20	25.5 Payment:	25.5.3	All payments to the Contractor for Rupee portion will be made by cheque and/or "Electronic Fund Transfer" as desired by the Purchaser. In every payment to the Contractor, sums of less than fifty paisa shall be omitted and sums of fifty paisa and more up to one rupee shall be reckoned as one Rupee. No payment will be made for due amount of less than INR 1,000/- (Indian rupees one thousand only) but shall be included in subsequent claim. This shall not apply to the final payment.	All payments to the Contractor for Rupee portion will be made by cheque and/or "Electronic Fund Transfer" and/or LC as per details provided in pricing document. In every payment to the Contractor, sums of less than fifty paisa shall be omitted and sums of fifty paisa and more up to one rupee shall be reckoned as one Rupee. No payment will be made for due amount of less than INR 1,000/- (Indian rupees one thousand only) but shall be included in subsequent claim. This shall not apply to the final payment.
3	3	ER-TS LOT-I	13 of 27	3.3 COUPLING ARRANGEMENT:	3.3.3	Coupler height shall be adjustable by hydraulic mechanism from driver desk and, after the tractor has stopped, it shall be possible to position the coupler head at the same height as that of car.	Coupler height shall be adjustable by hydraulic <u>electrical</u> mechanism from driver desk and, after the tractor has stopped, it shall be possible to position the coupler head at the same height as that of car.
4	3	ER-TS LOT-I	14 of 27	3.4 CONSTRUCTION FEATURES:	3.4.8	Horn sound 0 to 80 dB (adjustable type) (measured at 1 m) shall be provided one for each direction of movement.	Horn sound <b>80 dB</b> (measured at 1 m) shall be provided one for each direction of movement.
5	3	ER-TS LOT-I	16 of 27	4. SPECIFIC REQUIREMENTS OF ELECTRIC SHUNTER:	4.3	<b>Electric Shunter Travelling:</b>  The travel speed shall be infinitely variable from 0 to 5 km/hr running on tracks under unloaded conditions.  The travel speed shall be infinitely variable from 0 to 3 km/hr running on tracks towing 6-car train.  Braking shall be hydraulically actuated and controlled by a foot pedal or a button on the remote control box.  Braking distances shall not exceed 4 metres under six coupled railcars towing.	<b>Electric Shunter Travelling:</b>  The travel speed shall be infinitely variable from 0 to 5 km/hr running on tracks under unloaded conditions.  The travel speed shall be infinitely variable from 0 to 3 km/hr running on tracks towing 6-car train.  Braking shall be hydraulically/ <u>electrically</u> actuated and controlled by a foot pedal or a button on the remote control box.  Braking distances shall not exceed 4 metres under six coupled railcars towing.  Positioning accuracy for under floor wheel lathe operation shall be within ±25mm.

						Positioning accuracy for under floor wheel lathe operation shall be within ±25mm.	
6	3	ER-TS LOT-I	17 of 27	4. SPECIFIC REQUIREMENTS OF ELECTRIC SHUNTER:	4.7	<p>Battery and Battery Charger:</p> <p>A fixed charging station within the shed for under floor wheel lathe shall be provided for recharging battery of the shunter. An on-board charger will be installed on the shunter to charge the batteries using the power supply available. Charger shall be compatible with the input supply voltage 360 to 440, TPN, 47.5 to 51.5 Hz. The shunter supplier shall provide necessary cabling and connections to a power supply isolator provided by designated Contractor in the depot. Recharging period of a fully discharged battery shall be less than 10 hours.</p> <p>The battery used on the Electric Shunter shall be suitable for the application and shall require least maintenance. It shall be suitably fixed in the body of the shunter to facilitate the maintenance with ease. If distilled water topping up of cells is required, a centralised topping up system shall be provided for ease. Type, capacity and other details of battery &amp; charger specification shall be advised in the bid.</p>	<p>Battery and Battery Charger:</p> <p>An on-board charger will be installed on the shunter to charge the batteries using the power supply available. Charger shall be compatible with the input supply voltage 360 to 440, TPN, 47.5 to 51.5 Hz. The shunter supplier shall provide necessary cabling and connections to a power supply <b>plug</b> provided by designated Contractor in the depot. Recharging period of a fully discharged battery shall be less than 10 hours.</p> <p>The battery used on the Electric Shunter shall be suitable for the application and shall require least maintenance. It shall be suitably fixed in the body of the shunter to facilitate the maintenance with ease. If distilled water topping up of cells is required, a centralised topping up system shall be provided for ease. Type, capacity and other details of battery &amp; charger specification shall be advised in the bid.</p>
7	3	ER-TS LOT-II	15 of 26	3.7 OTHER REQUIREMENTS:	3.7.8	Horn sound 0 -80 dB (adjustable type) shall be provided one for each direction movement.	Horn sound <b>80 dB</b> shall be provided one for each direction movement.
8-A	4	Pricing Document Lot-I	9-10 of 38	4. SCHEDULE OF PAYMENT:	4.6.3 a)	<p>70 (Seventy) percent of the EXW price for each item of Electric Bogie Tractors and Electric Shunter identified for payment in the Statement shall be payable after evidence of loading on to the mode of transport to be used to convey the plant and equipment from the works to storage in Surat and upon endorsement of the dispatch documents in favour of the Purchaser and delivery to the Engineer of:</p> <p>i) Proof of dispatch; ii) Inspection Certificate; iii) Certification of Factory Acceptance Tests; iv) Copy of inland transport insurance; v) Packing list.</p> <p>for each shipment, and after arrival of those items at Dream City or Bhesan Depots at Surat. Compensation shall include for establishing and carrying out manufacture/ procurement; operation of quality assurance program at places of manufacture; carrying out of routine tests, prototype tests, factory acceptance tests, tests before shipment; and for the provision of Contract spare parts and tools; inspection, packing, crating, bank guarantees, and all storage costs at factory.</p>	<p>70 (Seventy) percent of the EXW price for each item of Electric Bogie Tractors and Electric Shunter identified for payment in the Statement shall be payable <b><u>through Letter of Credit (LC) and/or cheque and/or Electronic Fund Transfer as desired by the Purchaser. In case of LC payment, on request of contractor, LC will be opened after 60 days of signing of contract agreement. All charges for LC opening, extension and payment shall be borne by the contractor.</u></b></p> <p>Payment shall be made after supply and delivery of goods at Dream City and/or Bhesan Depots at Surat. In case of LC, the claim should be backed by the following documents/ In case of payment through cheque and/or Electronic Fund Transfer the invoice should be supported by</p> <p>i) Inspection Certificate; ii) Certification of Factory Acceptance Tests; iii) Copy of inland transport insurance; iv) Packing list. v) certificate from purchaser of receiving the goods as per specification</p> <p>Compensation shall include for establishing and carrying out manufacture/ procurement; operation of quality assurance program at places of manufacture; carrying out of routine tests, prototype tests, factory acceptance tests, tests before shipment/transportation; and for the provision of Contract spare parts and tools; inspection, packing, carting, bank guarantees, all storage costs at factory and other charges, etc.</p>

8-B	4	Pricing Document Lot II	9-10 of 40	4. SCHEDULE OF PAYMENT:	4.6.3 a)	70 (Seventy) percent of the EXW price for each item of Battery powered Shunting locomotive identified for payment in the Statement shall be payable after evidence of loading on to the mode of transport to be used to convey the plant and equipment from the works to storage in Surat and upon endorsement of the dispatch documents in favour of the Purchaser and delivery to the Engineer of: i) Proof of dispatch; ii) Inspection Certificate; iii) Certification of Factory Acceptance Tests; iv) Copy of inland transport insurance; v) Packing list. for each shipment, and after arrival of those items at Dream City or Bhesan Depots at Surat. Compensation shall include for establishing and carrying out manufacture/ procurement; operation of quality assurance program at places of manufacture; carrying out of routine tests, prototype tests, factory acceptance tests, tests before shipment; and for the provision of Contract spare parts and tools; inspection, packing, crating, bank guarantees, and all storage costs at factory.	70 (Seventy) percent of the EXW price for each item of Battery powered Shunting locomotive identified for payment in the Statement shall be payable <b><u>through Letter of Credit (LC) and/or cheque and/or Electronic Fund Transfer as desired by the Purchaser. In case of LC payment, on request of contractor, LC will be opened after 60 days of signing of contract agreement. All charges for LC opening, extension and payment shall be borne by the contractor.</u></b> Payment shall be made after supply and delivery of goods at Dream City and/or Bhesan Depots at Surat. In case of LC, the claim should be backed by the following documents/ In case of payment through cheque and/or Electronic Fund Transfer the invoice should be supported by i) Inspection Certificate; ii) Certification of Factory Acceptance Tests; iii) Copy of inland transport insurance; iv) Packing list. v) certificate from purchaser of receiving the goods as per specification Compensation shall include for establishing and carrying out manufacture/ procurement; operation of quality assurance program at places of manufacture; carrying out of routine tests, prototype tests, factory acceptance tests, tests before shipment/transportation; and for the provision of Contract spare parts and tools; inspection, packing, carting, bank guarantees, all storage costs at factory and other charges, etc.
9	1	ITT	19-20 of 42	5.3 Tender Opening and Evaluation:	5.3.4	<b>Examination of Technical Package and Determination of Capability and Responsiveness:</b> a) General Evaluation: Prior to the detailed technical evaluation of Tenders, the Purchaser will determine: (i) Whether each Tender has been properly signed or not (ii) Whether Tender has accompanied the required Tender Guarantee . (iii) Whether the Technical Package prepared and submitted is conforming to the requirement of the Tender Document as defined in Sub-Clause 4.2.2 of Instructions to Tenderer.  Minor non-conformity or irregularity in the Tender submission may be allowed at the discretion of the Purchaser.  A 'NO' answer to any of the above items (i) to (iii) will disqualify the Tender/ Tenderer. All decisions whether Tender is non-responsive, unacceptable or whether a guarantee declaration is acceptable or non-compliant, will be that of the Purchaser.	<b>Examination of Technical Package and Determination of Capability and Responsiveness:</b> a) General Evaluation: Prior to the detailed technical evaluation of Tenders, the Purchaser will determine: (i) Whether each Tender has been properly signed or not (ii) Whether Tender has accompanied the required Tender Guarantee . (iii) Whether the Technical Package prepared and submitted is conforming to the requirement of the Tender Document as defined in Sub-Clause 4.2.2 of Instructions to Tenderer.  Minor non-conformity or irregularity in the Tender submission may be allowed at the discretion of the Purchaser.  A 'NO' answer to any of the above items (i) to (iii) will disqualify the Tender/ Tenderer. All decisions whether Tender is non-responsive, unacceptable or whether a <b><u>guarantee</u></b> is acceptable or non-compliant, will be that of the Purchaser.
10	1	ITT	33 of 42	5.3 Tender Opening and Evaluation:	Sr No 2-21	The list of Spares the Tenderer plan to store at the Purchaser's premise or their local office for the maintenance of the Bogie Turn Table.  The list of Spares the Tenderer plan to store at the Purchaser's premise or their local office for the maintenance of the <u>Electric Bogie Tractors, Electric Shunter and Battery Powered Shunting Locomotive.</u>	