

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF BOGIE TURN TABLE (BTT) AT WORKSHOP LINE 3 & 4 IN ROLLING STOCK AT GND

NOIDA METRO RAIL CORPORATION

Date: 08.06.2022

E- Tender No: NMRC/RS/BTT/195/2022

Pre- Bid Meeting: June 02, 2022 at the Conference Room, Noida Metro Rail Corporation (NMRC) Limited, Ganga Shopping Complex, Sector- 29, Noida- 201301.

SN	Query Raised By	Clause No. of RFP/NIT	Existing Provision within RFP	Clarification Requested	Clarification/ Amended by NMRC*
1	M/S GODREJ & Boyce Mfg. Co. Ltd.	4.1 - Eligibility Criteria (RFP document Pg No - 19)	Similar work for this contract shall be "Supply, Installation, Testing & Commissioning of Bogie turn Table" in any Central Govt./State Govt./PSU's or any Private Limited company of repute	Similar work for this contract shall be "Supply, Installation, Testing & Commissioning of Bogie turn Table/Scissor Lift/Lifting Platforms/ Mobile Platforms / Transfer Trolleys/ Dip Trolleys/ Dummy Bogies " in any Central Govt./State Govt./PSU's or any Private Limited company of repute	Please follow RFP instructions.
2	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED		As per the tender, the joint ventures/consortium are not allowed for the bidding in this tender.	Hence, can we please request your kind self that the JV entities of foreign OEM, s who have requisite experiences, having offices in India, registered with MSME in India and having a GST registration in India to be allowed to participate in the tender. Kindly note that Indian Railways and all Metro Corporations including DMRC allow JVs to bid in tenders. Participation of the JVs entities not only will increase the number of Bidders but will also provide you the best and most competitive prices along with high quality. A brief snapshot of the DMRC tender conditions allowing JV are enclosed as Annexure A.	As per given terms & conditions of RFP, the joint ventures/consortium are not allowed for the bidding in this tender.
3	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	Page No.03(Note)	(i) Tender Cost and EMD is exempted for Micro & Small Enterprises (MSEs) registered with District Industries Centre or Khadi & Village Industries Commission or Khadi & Village Industries Board or	This exemption is not mentioned in the RFP. It is requested to kindly clarify on the same and allow for exemption for MSME in line	Please refer NIT, it is exempted.

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			Coir Board or National Small Industries Corporation or Dte.Of Handicraft & Handloom or any otherbodies specified by Ministry of Micro, Small &Medium Enterprises for appropriate category and have valid registration certificate as on date of tender submission.	with government guidelines.	
4	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	Page No.3(Note)	The bidders seeking exemption from 'EMD', being MSEs, shall ensure their eligibility w.r.t.above and submit registration certificate issued by the body under which they areregistered which clearly mentions category of registration i.e. "Electrical work" andTerminal Validity of registration. In absence of any of the above requirementsno exemption for 'EMD' will be allowed andbidders eligibility shall be dealt as if they are not registered with MSMEs	The category registration should bemanufacturing of the special machinery notthe electrical work. As the BT are the manual Bogie Turn Tables, we wouldhumbly request that this category beupdate in your system.	Agreed: "Electrical work" andTerminal Validity of registration not required. Amendment has been issued.
5	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	Special Conditions of Contract Subclause11.6	TERMS OF PAYMENTS The standard payment terms subject forecoveries, if any, by way of liquidated damages will be as under. A) 75% payment will be made after supply, installation and commissioning of equipmentand after submission/compliance of following: a) Two sets of equipment layout/ drawing(s) giving complete details of the entireequipment. b) Training of operation and maintenance staff of the NMRC. B) 25% Payment will be made after issuing completion and accepted certificate by Engineer In-charge.	It is suggested that the payment terms may be: A) 90% payment after the delivery ofthe material on site. B) 10% after Installation, testing andcommissioning of BT. The above-recommended payment terms are widely used in India Railways andother Metro Corporations. Hence, it is requested to kindly consider to amend thepayment terms at par with Indian Railways and other Metro Corporations.	Please follow RFP instructions.
6	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	Subclause8.5 ofSCC	Liquidated Damages for Delay The total amount of Liquidated Damages for delay in completion of the works inall stages shall, however, not exceed the limitof Liquidated Damages stated in Appendix to form of Tender. The total ceiling limit of which is 15% of the Contract value including Liquidated Damages levied under the provision ofAppendix 1 to Form of Tender.	It is suggested that the ceiling of LD shouldnot be more than 5% of the contract value	Please follow RFP instructions.

7	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	Subclause 15.0	<p>Insurance</p> <p>(a) All of the contractor's employees drawing monthly wages up to ₹21,000/- or as applicable as per the enhanced limit, shall have to be covered under ESI. The Contractor shall take insurance policy as specified in the Employee's Compensation Act only for those employees who are not covered by ESI.</p> <p>(b) The contractor shall insure against liability to third parties in the joint name of the Employer and the contractor for any loss, damage, death or injury which may occur to any physical property (except things insured otherwise) or any person (except person insured by employer, staff of other contractor working in the premises, contractor's staff under sub clause above which may arise out of the performance of the contract. The insurance shall be at least for the amount of ₹7,50,000/- for each incident.</p> <p>(c) Insurance cover for Contractor's All Risk shall be full value of Contract price.</p>	<p>Please note that such clause was applicable for labour workers. As an engineering company we hire engineers and technicians and then this not relevant.</p> <p>All our employees are above than Rs21,000/- plus Medical Insurance and term life Insurance.</p> <p>b. This would be part of CAR and would be valid only till commissioning.</p> <p>c. Ok this would only be valid till commissioning and not thereafter as CAR policy is typically valid till asset handover to the customer.</p>	Please follow RFP Conditions
8	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	6.1.4	<p>Technical Specification</p> <p>The Bogie Turn table shall be complete with automatic locking</p>	<p>Please clarify the automatic locking</p> <p>If you mean with automatic locking that the user opens the locking mechanically (by foot tip on a pedal) and that it automatically locks in the next 90° position, we have the same system. Therefore, clarification is requested and a common feature.</p>	Please follow RFP Conditions and will be reviewed during design stage.
9	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	6.2.13	<p>Stress analysis of sensitive structure shall be carried out from a reputed test house & report shall be submitted</p>	<p>We can deliver here a 3D calculation from the third party. Please confirm that this is acceptable</p>	Please follow RFP Conditions and will be reviewed during design stage.
10	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	6.3.3	<p>Equipment shall incorporate a means of adjustment in order to allow for foundation differential settlement of maximum 25mm</p>	<p>It is sincerely suggested that Civil/foundation/pit work should be in the scope of employer.</p>	Agreed- Please refer RFP section 06 sub clause 6.1.3
11	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	6.3.11	<p>Lubrication points shall be clearly identified for easy replenishment with minimum removal of other equipment components</p>	<p>Easy removeable cover in the middle to reach the Lubrication nipple.</p>	Agreed

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12	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	6.4.1	Operating Principle The turntables shall be designed for rollover of Rail Car and bogies from one track to another track in the Bogie Shop area.	Rollover of only bogies from one track to another track to be done and not of the railcar. Please clarify that this is acceptable.	Rollover of Rail car specifies that movement of rail car can be done on the same Track through bogie Turn table without any failure.
13	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	6.4.2-e	Automatic locking: - Automatic mechanical locking shall be provided and located at periphery of turntables. The tracks on turntable shall be aligned with adjacent embedded tracks when bogie turntables are in their locked position (4 nos.) at any 90° of rotation.	The user opens the locking mechanically (by foot tip on a pedal) and that it automatically locks in the next 90° position. This is a common feature. Do clarify this is acceptable.	Please follow RFP Conditions and will be reviewed during design stage
14	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	6.4.3-b	Lubrication shall be made by pressure grease fittings to all bearing of pivoting shaft and all castors. The greasing point shall be accessible to routine maintenance	For the Grease chamber of the central pivot there is a greasing nipple under a small cover at the middle of the turntable. The bearings of the castor wheels are sealed and lifetime greased. This is just a clarification.	Please follow RFP Conditions and will be reviewed during design stage
15	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	6.4.3-c	The turntables shall be constructed to allow the entire assembly, except supporting structures, be conveniently removed from the pit as a single unit. The turntables shall be equipped with lifting eyes, which shall be removable or flush with the decks	The Turntables have 4 threads on top in that the Eye Bolts for removing the complete turning part can be inserted	Please follow RFP Conditions and will be reviewed during design stage
16	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	6.6.4	Submission of document: - A lubrication manual including location of lubrication points, type of lubricants, frequencies and quantities	Lubrication instruction will be in the manual. This is just a clarification.	Agreed
17	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	11.0 Schedule for key dates	KD - 3 Complete Supply of the bogie turntables at nominated site along with O&M manuals set, supply of DLP spares Week 5 weeks after KD2	It is not possible. The KD-3 would be minimum 16 weeks from KD-2. The availability of steel is a major concern and we do not find the ability to source steel in 4-6 weeks. Lead times are now much higher and therefore this change is requested.	KD-3 to be taken 10 weeks after KD-2.
18	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	7b	Training The contractor shall provide training of total 20-trainee man days to the employer's staff on operation & maintenance aspects of bogie turntable at each employer nominated Depot	Generally, two days training is sufficient for BT. Hence, we request your kind self to kindly consider to propose 02 man-day training to the employer's staff. 20 trainee man days training will add cost to this project	Please follow RFP conditions.

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19	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	4.18	Electricity, water and gas The contractor shall be responsible for making his own arrangements at his own cost to obtain supply of water electricity or gas for the work	It is requested that electricity and water may be provided by the employer itself at the job site.	Agreed
20	M/S AUTOLIFT VANDHANA INDIA PRIVATE LIMITED	10	Time frame for Corrective Maintenance Delay in attending minor/major defects on the part of the contractor will invite penalty @of 0.005 % of the contract price per day subject to limit of 10 % of the contract price. The calculation of the delay will start on expiry of maximum allowable attention time for both minor & major defects.	It is requested that the limit should be 5% of the contract value at par with Indian Railways and other Metro Corporations	Please follow RFP conditions.
21	M/s RENMAKCH	NIT Page No. 2	15 (b) & (c) Eligibility b) The Bidder should have completed in India during last 7 (Seven) years period ending last day of month previous to the one in which the bids are invited should be either of the following: 1. One order of similar nature of value not less than Rs. 18.47 Lakh (Rupees Eighteen Lakh Forty Seven Thousands only) or 2. Two orders of similar nature of value not less than Rs. 11.55 Lakh (Rupees Eleven Lakh Fifty Five Thousand only) each or 3. Three orders of similar nature of value not less than Rs. 9.24 Lakh (Rupees Nine Lakh Twenty Four Thousand only) each c) The Bidder should have minimum average annual turnover of Rs. 23.09 Lakh (Rupees Twenty Three Lakh Nine Thousand only) in the last 3 (three) Financial Years (2019-2020 , 2020-2021, 2021-2022) preceding the Bid Due Date.	The eligibility criteria mentioned in NIT and RFP are contradictory to each other. Please clarify which eligibility criteria should bidder consider	Please refer RFP Section -04, eligibility. Addendum issued.
22		RFP Section 4: Qualification, Evaluation and Selection Page No. 19	4.1 (b) & (c) Eligibility Criteria b) The Bidder should have a minimum experience of having satisfactorily completed similar works during last 7 (Seven) years period ending last day of month previous to the one in which the bids are invited should be either of the following: i. One similar completed work costing not less		




			<p>than the amount equal to Rs. 34.55 Lakh (Rupees Thirty Four Lakh Forty Fifty Five Thousand only) or</p> <p>ii. Two similar completed works each costing not less than the amount equal to Rs. 21.59 Lakh (Rupees Twenty One Lakh Fifty Nine Thousands only) or</p> <p>iii. Three similar completed works each costing not less than the amount equal to Rs. 17.27 Lakh (Rupees Seventeen Lakh Twenty Seven thousand only)</p> <p>c) The Bidder should have minimum average annual turnover of Rs. 43.18 Lakh (Rupees Forty Three Lakh Eighteen Thousands only) in the last 3 (three) Financial Years (2019-20, 2020-21, 2021-22) preceding the Bid Due Date.</p>		
23	M/s RENMAKCH	RFP Page No. 21 4.7 Performance Bank Guarantee / Security Deposit	<p>a. To fulfill the requirement of performance bank guarantee during the implementation period, the Successful Bidder (herein referred to as the "Contractor") shall deposit 10% of the Contract</p> <p>Price in form of FDR/ DD or unconditional and irrevocable Bank Guarantee bond issued by ascheduled bank in favor of 'Noida Metro Rail Corporation Limited', which may be reduced for balance years on completion of each year, within 30 days from Notice of Award.</p>	As per Ministry of Railway letter no. 2020/CE- 1/CT/3E/ /GCC/ Policy issued 20.10.2020 and Ministry of Finance letter no. F.9/4/2022-PPD issued on 12.11.2020, the Performance Bank Guarantee is reduced to 3% of Contract Amount. All the metros are also following the same PBG amount.	Please follow RFP conditions.
24	M/s RENMAKCH	RFP Page No. 25 12. Sub-Clause - 6.7 Health and Safety	Contractors are required to have tie-up with well-equipped reputed hospitals having facilities of MRI, CT Scan, Ultrasound, Blood Bank, specialist Doctors like neurosurgeon, orthopedic as mandatory requirement and fire station located in the neighborhood for attending to the casualties promptly and emergency vehicle kept on standby duty during the working hours for the Purpose.	NMRC has floated tender for only single M&P i.e., Bogie Turn Table. It is not a big Turnkey M&P tender in which the contractor needs to setup his own office, storage and other facility at depot premises, where arrangement of mentioned health & safety facilitates are required. Arrangement of such facilities are not required for single M&P supply and not viable for project cost. Hence, we request you to kindly delete the clause.	Please follow RFP conditions.
25	M/s RENMAKCH	RFP Page No. 26 Liquidated Damages for Delay	The total amount of Liquidated Damages for delay in completion of the works in all stages shall, however, not exceed the limit of Liquidated Damages stated in Appendix to form of Tender. The total ceiling limit of which is 15% of the Contract value including Liquidated	As per standard government rule, the total limit of liquidity damage is 10% of total contract amount. All metro organizations are also following such liquidity damage limit.	Please follow RFP conditions.

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			Damages levied under the provision of Appendix 1 to Form of Tender.	Hence, we request you to kindly modify the clause. Suggested Text for the Amendment : The total amount of Liquidated Damages for delay in completion of the works in all stages shall, however, not exceed the limit of Liquidated Damages stated in Appendix to form of Tender. The total ceiling limit of which is 10% of the Contract value including Liquidated Damages levied under the provision of Appendix 1 to Form of Tender	
26	M/s RENMAKCH	RFP Page No. 27 18. Sub-Clause 11.6 TERMS OF PAYMENTS	A) 75% payment will be made after supply, installation and commissioning of equipment and after submission/compliance of following: a) Two sets of equipments layout/ drawing(s) giving complete details of the entire equipments. b) Training of operation and maintenance staff of the NMRC. B) 25% Payment will be made after issuing completion and accepted certificate by Engineer In-charge. C) Payment of DLP maintenance activities will be made after issuing DLP maintenance completion certificate by engineer in charge. However DLP maintenance period may be divided in quarters/half yearly/annual as mutually decided	The mentioned payment terms are too stringent to comply. In other metro organization and Indian Railways, the standard payment terms are: A) 80% payment are released after delivery of equipment at site B) 20 payment are released after completion of Installation, Commissioning, Training and acceptance by purchaser. C) Also, the payment of DLP maintenance services are released in quarterly basis. Hence, we request you to kindly modify the clauses Suggested Text for the Amendment : TERMS OF PAYMENTS A) 80% payment will be made after successful delivery of equipment at site and after submission documents of following: a) Receipt and acknowledgement of performance security by purchaser b) Receipt and acknowledgement of equipment	Please follow RFP conditions.

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				<p>at site as per packing list</p> <p>c) Invoice in duplicates</p> <p>d) Inspection certificate of equipment from the manufacturer</p> <p>e) Certificate of Factory Acceptance Test.</p> <p>f) Copy of Insurance Documents</p> <p>B) 20% Payment will be made after completion of Installation, Commissioning, Training and and accepted certificate by Engineer In-charge.</p> <p>C) Payment of DLP maintenance activities will be made on quarterly basis after completion and issuing DLP maintenance completion certificate of respective quarter by engineer in charge.</p>	
27	M/s RENMAKCH	RFP Section 6 – Technical Specification Page No. 27 -	<p>7 Training</p> <p>b. The contractor shall provide following training of total 20-trainee man days to the employer staff on operation & maintenance aspects of bogie turntable at each employer nominated Depot</p>	<p>For Bogie Turn Table, the 20–trainee may days training is too exorbitant and not required. Please note that the Bogie Turn Table is simple manually operated turntable, which does not include any electrical and hydraulic systems. Therefore, 1 day training for operation & maintenance aspects of bogie turntable is enough. Hence, we request you to kindly modify the clause.</p> <p>Suggested Text for the Amendment :</p> <p>b. The contractor shall provide following training for 1 day to the employers staff on operation & maintenance aspects of bogie turntable at each employer nominated Depot.</p>	Please follow RFP conditions.
28	M/s RENMAKCH	RFP Section 6 – Technical Specification Page No. 27	<p>11.1 Schedule of key dates for Greater Noida depot</p> <p>KD – 3 - Complete Supply of the bogie</p>	<p>The mentioned KD-3 is to stringent and not possible to comply. Please note that after design</p>	KD-3 to be taken 10 weeks after KD-2.




			turntables at nominated site along with O&M manuals set, supply of DLP spares. Week 5 weeks after KD-2.	approval, procurement of raw material, Manufacturing of BTTs, Blasting & Painting of BTTs, FAT at manufacturers premise and delivery at site are need to be done, which cannot be possible to complete within 5 weeks. Also, now due to Post COVIDE Pandemic effects, the availability and delivery of steel and other components are taking huge time, which is not in our control. Hence, we request you to kindly consider our request and modify the key dates. Suggested Text for the Amendment : KD - 3 - Complete Supply of the bogie turntables at nominated site along with O&M manuals set, supply of DLP spares. Week 24 weeks after KD1	
29	M/s RENMAKCH	RFP Section 6 – Technical Specification -	Additional Query	In technical specification, the responsibility of Civil & track related Work is not specified. The depot civil contractor and track contractor will be responsible to the required Civil Foundation Work and Track Work. Hence, we request you to kindly add the below interface scope in specification:	Construction of Pit foundation and approach road, Electrical connection points, power supply will be done by employer. However interface coordination with all electrical and civil to be done by vendor as per site requirement if needed.
Interface with Designated Depot Civil Contractor and E&M Contractor					
		Scope	Bogie Turn Tables	Depot Civil Contractor	
		Installation of machinery and Plant	Supply of detailed interface drawings including detailed foundations, drain point and other Civil works, electrical power requirements etc.		Construction of Pit foundation and approach road, Electrical connection
		Civil Works	Supply of cast in items.	Construction of the pit's foundations, pit drainage	

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		The cast in items shall include any base plates fixing bolts & other fixture required for installation of equipment. Any special material required for grouting/foundation or interconnection for installation of equipment Installation of Machinery & Plant and sump.	including piping and other civil work required for equipment/machine. Positioning and casting of cast in items supplied by Bogie Turn Table supplier. Temporary/Permanent Road approach to the workshop	points, power supply will be done by employer. However interface coordination with all electrical and civil to be done by vendor as per site requirement if needed.
	Scope	Bogie Turn Tables	Depot E&M Contractor	
	Electrical works	All electrical work from connection point for electric power supply provided by designated contractor. Provide work completion certificate conforming to statutory requirements to certify that the installation of the electrical system as installed under the contract meets the requirement of the local authority.	Provision of electric connections as per requirement by Bogie Turn Table supplier. Provision of concealed piping and conduiting requirement.	
Interface with Designated Track Work Contractor				
	Scope	Bogie Turn Tables	Depot Track Work Contractor	
	Installation of track in unscheduled repair bay.	Demarcation and alignment of the track with rail installation	Supply of detailed interface drawings. Installation of tracks.	To be reviewed at design stage
Interface with Rolling Stock Contractor				
	Scope	Bogie Turn Tables	Rolling Stock Contractor	
	Design of Bogie Turn Table	Supply of Bogie Turn Table for redirecting the bogies between the work line and service lines for maintenance of rolling stock.	Provide rolling stock parameters and required train sets for testing and proving	Please refer RFP section 6.0 for technical specifications, however additional RS parameters to be made available at design stage.

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Place: - Noida.

Note: -The above amendments/clarification shall supersede all the respective provisions in Tender Documents.