

**Minutes of Pre-Bid meeting held on 30.08.2018**

Global Tender Notice No.: RDSO/MP/SG Loco, Technical Bid due on 14.09.2018 (Friday)

**Firm-wise Queries and RDSO's Remarks**

Firm	Reference Para (technical requirements)	Issues Discussed	Clarifications
M/s Medha	Para 3.1.3, 3.1.4 & 3.1.6	Firm raised the issue of inputs required from RDSO regarding "Calculation of vehicle weight particulars and brake up of total mass", "Computation of geometrical parameters, center of gravity, mass and MMI properties of bodies modelled in the system" & "Listing of suspension and elastomeric components with their characteristics".	Firm was explained that RDSO shall provide the input data required for vehicle dynamic simulation.
	Para 3.2	Firm asked about the standard to be followed i.e. As per UIC518 / Chapter 11 of AAR for safety, track fatigue and running behavior.	Firm was explained that mutually agreed standard as given in tender document shall be used for vehicle dynamic simulation.
	Para 3.2.5 & 3.2.6	Firm asked about the difference between Y/Q ratio for duration of 1/20 seconds & Derailment coefficient.	Firm was explained that "Y/Q ratio for duration of 1/20 seconds" is as per IR criteria and "Derailment coefficient" is as per UIC criteria. Both shall be required.
	Para 3.2.12	Firm asked about Contact geometry with angle of attack.	Firm was explained that Complete parameters regarding Contact geometry including flange clearance, rolling radius w.r.t time etc. and their results plots are required.
	Para 3.4	Firm asked about the maximum number of RDSO officials for training.	Firm was explained that number of RDSO officials for training shall be three as per tender document.
	Para 3.4.2	Firm asked about understanding of software used for vehicle dynamic simulation.	Firm was explained that RDSO presently using ADAMS Rail software. However, the tenderer are not restricted for the use of any specific software. RDSO representatives shall be involved during design validation activities.
M/s Molinari Rail AG	Para 3.1	Firm asked about which specification will be follow.	Firm was explained that mutually agreed standard as given in tender document shall be used for vehicle dynamic simulation.
	Para 3.4	Training to RDSO Officials	It was clarified that training to RDSO official shall be imparted as elaborated in para 3.4 of tender document
M/s Prag	-	No issue raised by the firm.	-

*Braj Kumar*  
30/8/18  
Director/VDG

*JD*  
30/8/18  
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