



**BEML LIMITED**

**BID INVITATION NO:6300032523**

**ADDENDUM NO:3**

This has reference to bid invitation no:6300032523 published for: Design, Manufacture & Supply of Power Quality Measurement System required for MRS1 project.

1) Bidders are hereby informed that the tender closing date is extended from **26.05.2020, 5 PM to 30.05.2020 5 PM.**

3) Bidders are hereby informed that following clause in PTS have undergone amendment:

**PTS Clause No: 7.1.1 On board set up of Power Quality Measurement system**

Item	Qty	Spec.
(1) On board set up of <b>Power Quality measurement system comprising (at least 7.1.a to 7.1.e above) measuring instruments, data acquisition systems with capability of storing min. 24hour data and power analyser (with provision for permanent installation and necessary software/analysis tool)</b> to measure, record and analyse the power quality. The measurement with these instruments shall include but not limited to Time, kW, kVAR, kVA, THD, TDD, Total pf and Displacement pf. The Power Quality Analyser supplied shall have the adequate capability to analyse higher order harmonics (up to 50 <sup>th</sup> ) with minimum accuracy of 0.1% and sampling rate of 100 kilo samples/sec.	4 sets	ERTS 8.1.12.1
(2) Mating connectors (male / female connectors along with male / female crimp contacts, etc).	As applicable	
(3) Spare parts, Special Tools and Testing equipment	As applicable	
(4) Required Software (complete package including manual, software documentation, training)	As applicable	

**Note: One set means Power Quality Measurement System for One Train set. One Train set has two T-Cars and each having one unit of Power collection Points (Pantographs).**

**READ AS**

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**Note: One set means Power Quality Measurement System for One Train set. One Train set has two T-Cars and each having one unit of Power collection Points (Pantographs). However, only two nos. User terminals are required.**

4) Bidders may please note that all the other terms & conditions of the tender enquiry remain unaltered.

**BEML Limited**

**Bangalore Complex**