

Pre-Bid Clarification : VAN MOUNTED LT CABLE FAULT LOCATOR

Point No.	TPCODL Requirement	Amendment request	TPCODL response
4.3.1	b) Output Current: 0 to 300mA	Generally, 300 mA current is much higher and which is not required for cables. The 10mA current range is more sufficient to perform DC pressure/Hipot test on Cables rated from LT to 33kV. We request you to kindly keep it this current range 10mA which is sufficient for any cable.	As per tender specification
	d) Surge energy: 0-2 kV – 1000 Joules, 0-5 kV – 1000 Joules, 0-8 kV – 1000 Joules	As per the standard configuration of Surge Generators of different OEMs, below surge voltage ranges are available in the market: 0-2 kV @1000 Joules, 0-4kV @1000 Joules, 0-8 kV @1000 Joules. We request you to amend the second voltage range as 0-4kV.	Surge energy: 0-2 kV – 1000 Joules, 0-4 kV – 1000 Joules, 0-8 kV –1000 Joules
	l) AC input: 100 – 230 VAC ±50/60 Hz.	All the Surge Generators of different OEMs are operating on 230V ±10% ±50/60 Hz Single Phase. We request you to amend this AC Input point as 230V ±10% ±50/60 Hz.	AC input: 230V ±10% ±50/60 Hz.
	m) Weight less than 90 kg.	The weight of the 8kV Surge Generator with DC Hipot testing facility as mentioned in the TS is not possible to keep below 90kg for any OEM. We request you to amend this point as “weight less than 130kg”.	For 8 kV surge generator. Weight less than 130 kg.
	o) Ingress protection minimum IP 54	The Ingress Protection of the 8kV Surge Generator with DC Hipot testing facility as mentioned in the TS is not possible to comply for IP 54 for any OEM. We request you to amend this point as “Ingress Protection: to be mentioned by bidder” so that bidder can offer the best ingress protection possible with their design.	As per tender specification
	p. Dimension: Approx 750 x 550 x750 mm (LBH)	The Dimension of the Surge Generator with DC Hipot testing facility as mentioned in the TS is not possible to comply as 750 x 550 x 750 mm for us. We request you to amend this point as “Dimension: 750 x 750 x 750mm (LBH)”.	As per tender specification
4.3.6	Specification of vehicle: - Mahindra Bolero or superior SUV vehicle.	As mentioned in the TS, we are considering the Mahindra Bolero Camper vehicle. We discussed with Mahindra representatives and following features are not available in their top end model:	<ul style="list-style-type: none"> • Petrol driven BS VI engine: Diesel Engine is available- OK • Automatic transmission: Manual Gear Transmission- OK • Engine driven AC, 2nd row AC vent with controller: Only front row- OK

		<ul style="list-style-type: none"> • Dual front airbag for driver & co passenger • ABS with break assist • Hill hold • Seat belt reminder lamp & buzzer • Speed sensitive auto door lock • Security alarm • Digital display for google maps with Bluetooth connectivity • Audio system with Bluetooth connectivity & speaker • Petrol driven BS VI engine: Diesel Engine is available • Automatic transmission: Manual Gear Transmission • Engine driven AC, 2nd row AC vent with controller: Only front row • Power socket 12 V front & middle row: Only front row • Power & tilt steering: Tilt steering is not available • Multi information display with colour TFT • Distance to empty feature <p>We request you to amend these vehicle specifications as per the brochure of Mahindra Bolero Camper attached with this letter.</p>	<ul style="list-style-type: none"> • Power socket 12 V front & middle row: Only front row- OK <p>Power & tilt steering: Tilt steering is not available- OK</p>
5	<p>General Constructions:</p> <p>a. Equipment is to be installed at back side of Mahindra Bolero or superior version SUV vehicle. Vehicle must meet the minimum specification mentioned in the technical specification. Vehicle should be new and purchased in the name of TP Central Odisha Distribution Limited and should be registered in the state of Odisha with RTO-Bhubaneswar. All documents required for</p>	<p>Vehicle will be purchased by us on the name of TPCODL in Pune. On a temporary passing/registration vehicle will be dispatched to Odisha. TPCODL need to complete the final passing / registration of the vehicle at RTO-Bhubaneswar after the supply of the vehicle/Van by bidder.</p>	As per tender specification

	<p>purchase of vehicle shall be provided by TPCODL after award of PO.</p>		
	<p>General Constructions: c. Vehicle should have power steering, power windows, AC, comfortable seat, 12V charging, reverse parking sensors, Anti-lock braking system (ABS), BS6 engine, tubeless tires, Driver & Co-driver airbag, seat belt reminder, Co-driver occupant detection system, audio system, display system for google map.</p>	<p>As mentioned in the TS, we are considering the Mahindra Bolero Camper vehicle. We discussed with Mahindra representatives and following features are not available in their top end model: AC, Anti-lock braking system (ABS) tubeless tires, Driver & Co-driver airbag, seat belt reminder, Co- driver occupant detection system, audio system, display system for google map. We request you to remove/amend these vehicle specifications as per the brochure of Mahindra Bolero Camper attached with this letter.</p>	<p>Vehicle features as per Mahindra Bolero Camper ZX with additional audio & display system for google map</p>

Product 2: VAN MOUNTED LT & HT CABLE FAULT LOCATOR

Point No.	TPCODL Requirement	Amendment request	TPCODL response
4.3.1	b) Output Current: 0 to 300mA	Generally, 300 mA current is much higher and which is not required for cables. The 10mA current range is more sufficient to perform DC pressure/Hipot test on Cables from LT to 11kV. We request you to kindly keep it this current range 10mA which is sufficient for any cable.	As per tender specification
	e) Surge Timing : manual or 5sec to 15 sec.	We are providing surge timing of 3 / 6 / 9 sec selectable. These timings will be suitable for pinpointing the faults. We request you to accept the surge timing options offered by us.	Surge Timing: manual/ 5sec to 15 sec other wise 3 / 6 / 9 sec selectable
	l) AC input: 100 – 230 VAC ±50/60 Hz.	All the Surge Generators of different OEMs are operating on 230V ±10% ±50/60 Hz Single Phase. We request you to amend this AC Input point as 230V ±10% ±50/60 Hz.	AC input: 230V ±10% ±50/60 Hz.
	o) Ingress protection minimum IP 54	The Ingress Protection of the 8kV Surge Generator with DC Hipot testing facility as mentioned in the TS is not possible to comply for IP 54 for any OEM. We request you to amend this point as “Ingress Protection: to be mentioned by bidder” so that bidder can offer the best ingress protection possible with their design.	As per tender specification
	p. Dimension: Approx 500 x 500 x 500 mm (LBH)	The Dimension of the 5kV Surge Generator with DC Hipot testing facility as mentioned in the TS is not possible to comply as 500 x 500 x 500 mm for us. We request you to amend this point as “Dimension: 700 x 700 x 700mm (LBH)”.	For 5 kV surge generator. Dimension 500 x500 x700 mm
2	Reflectometer/TDR a) Pulse amplitude: 0 to 50V or more	We are requesting you to accept 18V and 86V selectable pulse amplitude offered by us. These two options will cater all the TDR	As per tender specification

		Testing requirements of the cables rated from LT to 33kV.	
	2. Arc reflection method (SIM method) Along with surge generator. ARM filter should be inbuilt into surge generator; additional filter should not be required.	<p>We are offering SIM Filter with external connectivity to Surge Generator. The external SIM Filter is capable to locate the High Resistance and flashing faults along with Surge Generator and Reflectometer. This external SIM filter is easy to handle/transport and reduces the weight of the Surge Generator.</p> <p>We are requesting you to accept the external SIM Filters and amend this point.</p>	As per tender specification
4.4	<p>Mounting Van for the Comprehensive Set: Both surge unit and TDR unit should be mounted in a Mahindra Bolero Camper/ or equivalent five seater pickup type vehicle. Mounting should be such that LT equipment can be easily loaded and unloaded from the vehicle for operation. In addition to the supplied LT fault locator, vendor has also mount a HT fault locator, HV cable drum, earth cable drum & mains cable drum on the supplied vehicle. Supply of HT fault locator, is not in vendor's and it shall be provided by TPCODL after placement of PO at Bhubaneswar.</p>	<p>As mentioned in the TS, we are considering the Mahindra Bolero Camper vehicle. The mounting of Surge unit, reflectometer, SIM Filter, DG Set, Cable drum and other accessories in 5-seater Mahindra Bolero Camper as per the RTO norms will not be possible for any OEM/Vendor. Additionally, the fitment of HT Thumper and its cable drum supplied by TPCODL in same vehicle will be impossible for any vendor.</p> <p>We request you to amend these vehicle specifications and accept the 2-seater Mahindra Bolero Pickup vehicle for this van, so that all the instruments & accessories asked by TPCODL can be accommodated properly. Also, we will provide the details of the empty space available for the fitment of HT Fault Locator & drum. TPCODL need to mount the HT fault locator and drum in that empty space.</p>	As per tender specification
	Features of vehicle: Tubeless tires	<p>Tubeless tires options are not available in Mahindra Bolero Camper and Pickup vehicle. We request you to amend these vehicle specifications as per the brochure of Mahindra Bolero Camper</p>	Tires: radial with tube

		and pickup attached with this letter.	
	Reclining seat with seat belts for all passengers	Reclining seat option is not available in Mahindra Bolero Camper. We request you to amend these vehicle specifications as per the brochure of Mahindra Bolero Camper and Pickup attached with this letter.	Reclining seats are optional
	Equipment container shall be designed on payload area of vehicle. Equipment cabinet body shall be fabricated with 16 gauge MS steel.	Cabinet body will be fabricated with 20 gauge MS steel with Bolero Camper as a standard practice in market by vehicle body building suppliers. We are requesting you to amend this point as cabinet body fabrication with 20 gauge MS Steel.	Fabrication with 18 gauge MS Steel.
	Dimension of equipment cabinet L x W X H 2000mm x 1532mm x 2000mm.	We request you to amend these vehicle specifications as per the brochure of Mahindra Bolero Camper attached with this letter.	Length of cabinet as per RTO norms remaining as per tender
	Mounting & operation of equipment: LT cable fault locator shall be mounted such that it can be easily loaded and unloaded into van. Its operation will be performed after unloading from vehicle. HT cable fault locator and its cable drums shall be mounted such that it doesn't shake during movement of vehicle. Its operation will be performed while it is mounted on the vehicle itself. Sufficient space shall be there in the equipment cabin for operator to operate the HT fault locator while standing. Any defect found in equipment cabinet or mounting arrangement has to be taken up by supplier at no cost during warrantee period.	We are requesting you to keep this HT Thumper and its cable drum fitment in the scope of TPCODL, as this fitment will be possible to us after the supply/delivery of these instruments at our factory in Pune.	As per tender specification
	QUALIFICATION CRITERIA	THE VALUE AS PER OUR ESTIMATED VALUE OF TENDER IS LESS THAN 1 CR SO TURNOVER REQUIREMENT 3 CR IS VERY HIGH REQUEST YOU TO CHANGE TURNOVER VALUE TO 1 CR	Pls Adhere Tender Terms
	Bidder should have at least the Purchase order single / Multiple	SINCE IT IS VERY SPECILISED ITEM PLEASE ALLOW THE	Pls Adhere Tender Terms

	copy of experience in supply of similar item (in Govt. Org/Discoms/Utilities/Industries/PSU) with performance certificate.	EXPERIENCE OF OF MANUFACTURER.	
	The bidder should have performance certificates for similar works for one year satisfactory performance from at least one reputed power utility for similar or higher voltage rating. The work against the issued certificate should be completed in last Five years from the date of bid submission	PLEASE CHANGE IT TO BA OR MANUFACTURER SHOULD HAVE PERFORMANCE CERTIFICATE FOR SIMILAR WORK	Pls Adhere Tender Terms
	SPECIFICATION FOR VAN MOUNTED LT CABLE FAULT LOCATOR SUITABLE UP TP 1.1. KV RATED CABLE	MAHINDRA BOLERO IS ONLY MANUFATURER IN DIESEL ENGINE, PLEASE CHANGE IT PETROL TO DIESEL.	DIESEL Engine acceptable
		CAN WE QUOTE IN ONE OR BOTH ITEMS.	As per Annexure-1
	a. Surge energy : 0-2 kV – 1000 Joules, 0-5 kV – 1000 Joules, 0-8 kV – 1000 Joules		a. Surge energy : 0-2 kV – 1000 Joules, 0-4 kV – 1000 Joules, 0-8 kV – 1000 Joules