

## Clarification in Technical Specifications

Bidder : M/s Rolta India Ltd.

Ref : Pre bid queries dtd. 14/02/2018

Tender No. - **1639**, Serial No – DGP/17/6162/Digital Networks/**Nanded Range**/05/2018

**( These clarifications are applicable for all the responding bidders )**

Sr. No.	Tender Reference (Page No./ Clause No.)	Tender Clause	Rolta's Observation / Query	Response to Query
1	Pg. No. 3 of 25, Clause - Technical Bid/Sr. No. 10 (ix)	ix) Latest Test Report along with letter of the tenderer giving technical specifications to the laboratory asking for latest report i.e. on or after December 2017, of the tendered item should be submitted.	Generally, OEMs get their models tested by NABL Accredited lab or ILAC at the time of product introduction into the market to confirm that the model is meeting all the planned parameters. Hence recommend requirement of latest Test reports i.e. <b>on or after December 2017 be dropped.</b> This will only limit the competition and facilitate those OEMs who are just entering the DMR market.	Bidder should provide latest available test report.
3	Pg. No. 7 of 25, Clause - Commercial Bid /Sr. No. 40	(40) Tenderers should state the place of inspection of the stores offered, if the goods are offered for inspection outside Maharashtra State, the tenderer will have to bear all expenditure of inspection carried out by this office.	Request intimate the number of Mah Police officials that will be deputed for inspection of the stores so that this requirement can be catered.	Five Officers
4	Pg. No. 7 of 25, Clause - Commercial Bid /Sr. No. 41	(41) Goods should be dispatched at carrier's risk and should be properly covered by transit insurance with Govt. Insurance Fund, Mumbai-400 032. However, the tenderer will be responsible till the entire Stores contracted for arrived in good condition at destination.	Kindly intimate the full address where the stores are to be delivered.	Office of The Deputy Supdt. Of Police Wireless, Central Store, Dr. Bhabha Road, Opposite Loyala High School, PUNE, Maharashtra Pin:411 008

Sr. No.	Tender Reference (Page No./ Clause No.)	Tender Clause	Rolta's Observation / Query	Response to Query
5	Pg. No. 12 of 25, Clause - I. Digital Mobile Radio Set (VHF High Band) /Sr. No. A. 7 and G. Accessories and Manuals	A.7 - Operating Voltage: Typical 13.8VDC +/- 10%	<p>Generally, Mobile/ Vehicle Radio will be operating on existing battery of the Police Vehicle and Static Radio which will be installed in Police Station will be operating on external power supply. But, Power supply for Static Radio is not mentioned in the specification/ Unpriced BOM.</p> <p>We understand that the Nanded Police will provide existing vehicle battery for Mobile/ Vehicle Radio and separate power supply for Static Radio.</p> <p>Power supply is not mentioned in the Unpriced BOM.</p> <p>If power supply is required for static Radio, please mention number of power supplies required for Static Radios.</p>	Bidder's understanding is correct.
6	<p>Pg. No. 14 of 25, Clause - I. Digital <b>Mobile Radio Set (VHF High Band)</b> /Sr. No. H. 1</p> <p>And</p> <p>Pg. No. 17 of 25, Clause - II. Specification of <b>Digital Repeater (VHF High Band)</b> /Sr. No. H. 3</p> <p>And</p>	<p>At the time of product evaluation bidder should bring adequate quantity of the offered make and model radios, test jig, and other test and measuring instruments if required for to demonstrate full functionality of Radio.</p> <p>At the time of product evaluation bidder should bring adequate quantity of the offered make and model radios, test jig, Dispatcher (Hardware/ Software), <b>Digital Communication System Analyzer</b> and other test and measuring instruments required to demonstrate full functionality of system offered set, Handheld &amp; Repeater.</p> <p>At the time of product evaluation bidder</p>	<p>Request, specify the actual quantity of the equipments (Handheld, Mobile/Static, Repeaters, Dispatcher &amp; Microwave Link) required for the demonstration.</p> <p>The Digital Communication System Analyzer is not part of the Tender/ BoQ. Please confirm.</p>	<p>At the time of product evaluation bidder should bring adequate quantity of the offered make and model radios, test jig, and other test and measuring instruments if required for to demonstrate full functionality of System.</p> <p>Clause stands as it is.</p> <p>It is the bidder's responsibility to demonstrate full</p>

Sr. No.	Tender Reference (Page No./ Clause No.)	Tender Clause	Rolta's Observation / Query	Response to Query
	<p>Pg. No. 20 of 25, Clause - III. Specification of <b>Microwave Radio Link (1 + 1)</b> /Sr. No. L. 1</p> <p>And</p> <p>Pg. No. 21 of 25, Clause - d. Specification of <b>Dispatcher for Control Room</b> /Sr. No. C. 1</p>	<p>should bring adequate quantity of the offered make and model radios, test jig, and other test and measuring instruments if required for to demonstrate full functionality of Radio.</p> <p>At the time of product evaluation bidder should bring adequate quantity of the offered make and model radios, test jig, and other test and measuring instruments if required for to demonstrate full functionality of Radio.</p>		<p>functionality of system using required measuring instruments.</p>
7	<p>Pg. No. 5 of 25, Clause - Commercial Bid/Sr. No. 18</p> <p>And</p> <p>Pg. No. 14 of 25, Clause - I. Digital <b>Mobile Radio Set (VHF High Band)</b> /Sr. No. H. 7</p> <p>And</p> <p>Pg. No. 17 of 25, Clause - II. Specification of <b>Digital Repeater</b></p>	<p>(18) The warranty period of the equipment / item will start from date of receipt / acceptance of equipment, the period of the comprehensive warranty shall be applicable for 5 years or as mentioned in specification.</p> <p>Warranty: 5 years from the date of successful Acceptance Test Procedure (ATP).</p> <p>Warranty for all the equipments including accessories will be 05 (five) years</p> <p>Warranty: 5 years from the date of successful Acceptance Test Procedure (ATP).</p> <p>Warranty for all the equipments including accessories will be 05 (five) years and for batteries will be 02 (Two) years.</p>	<p>These clauses are contradictory.</p> <p>Request re-confirm the period of warranty start date for equipment.</p>	<p>As per page 14 of 25, Warranty period will be from date of successful Acceptance Test Procedure (ATP).</p> <p>Warranty for all the equipments including accessories will be 05 (Five) years except batteries.</p> <p>Warranty of batteries of handheld, laptop, UPS will be 02 (Two) years.</p>

Sr. No.	Tender Reference (Page No./ Clause No.)	Tender Clause	Rolta's Observation / Query	Response to Query
	<p><b>(VHF High Band)</b> /Sr. No. H. 8</p> <p>And</p> <p>Pg. No. 20 of 25, Clause - III. Specification of <b>Microwave Radio Link (1 + 1)</b> /Sr. No. L. 7</p> <p>And</p> <p>Pg. No. 21 of 25, Clause - d. Specification of <b>Dispatcher for Control Room</b> /Sr. No. C. 6</p>	<p>Warranty: From the date of successful Acceptance Test Procedure (ATP).</p> <p>a) Microwave link and laptop/ Computer including accessories will be five (05) Years.</p> <p>b) Batteries of UPS, Laptop will be two (02) Years.</p> <p>Warranty: 5 years from the date of successful Acceptance Test Procedure (ATP).</p> <p>Warranty for all the equipments including accessories will be 05 (five) years and for batteries will be 02 (Two) years.</p>		
8	<p>Pg. No. 16 of 25, Clause - II. Specification of <b>Digital Repeater (VHF High Band)</b> /Sr. No. H. 2/ point no. 4</p>	<p>4. Proper earthing to be done at the repeater site</p>	<p>Please specify the no. of repeater sites, so that earthing can be catered accordingly for the actual installation of repeater sites.</p>	<p>Bidder to visit concern unit and get the required details. The list of repeaters is attached as per <b>Annexure -I</b></p>
9	<p>Pg. No. 19 of 25, Clause - III. Specification of <b>Digital Repeater (VHF High Band)</b> /Sr. No. K. 2/ Field trial on no cost no commitment basis</p>	<p>Bidder should demonstrate live microwave linking between Two Stations which are in line of sight and at least 50 (fifty) kilometer apart. Co-ordinates will be provided at the time of field trial by the purchaser.</p>	<p>As per the tender, requirement is microwave link in 5.8GHz license free band with range up to 50km. It is recommended to have License band for such a long distance of microwave link. This is to avoid interference. Further, recommend transmit Power should be 27dBm (0.5 watt) as per the standards</p>	<p>Clause stands as it is.</p> <p>Site Location will be shared at the time of Technical</p>

Sr. No.	Tender Reference (Page No./ Clause No.)	Tender Clause	Rolta's Observation / Query	Response to Query
			<p>and antenna gain should be <math>\geq 32</math> dBi. Recommend also the MIMO antenna be used. This change is recommended to achieve the RSSI for link stability.</p> <p>Also, we would request you to specify the demo locations in the bid and available tower infrastructure for bidders to study the link feasibility and submit the bid accordingly.</p>	Evaluation.
10	<p>Pg. No. 15 of 25, Clause - III. Specification of <b>Digital Repeater (VHF High Band)</b></p> <p>And</p> <p>Pg. No. 19 of 25/ Un-priced Bill of Material - Mandatory Items</p>	Sr. No. A. 17. Power Source - Battery Backup should be minimum 12 hours.	<p>The requirement of Power Supply for Digital Repeater is not included in the un-priced bid - Mandatory Items.</p> <p>Please amend the Un-priced BoM respectively.</p>	Clause stands as it is.
11	Pg. No - 7 of 25, Cl. No. 39	Any statutory increases or decreases in an Act of State or the Central Government relating to GST and other taxes shall be borne by the tenderer.	We request that all taxes including GST shall be payable as per prevailing rates applicable at the time of Delivery / invoicing.	<i>Clause stands as it is.</i>
12		General	<p>Considering the size of tender and amount of ground work for dimensioning the network for Nanded Range.</p> <p>We would request 2 weeks extension for bid submission.</p>	<i><b>Bid submission date extend by one week</b></i>