

Clarification in Technical Specifications

Bidder : M/s Rolta India Ltd.

Ref : Pre bid queries dtd. 06/01/2017

Tender No. - 1224, Sr.No. DGP/17/6162/State Plan/Digital Networks/Nanded range/124/2016

Digital Network for units in Nanded Range **(These clarifications are applicable for all the responding bidders)**

Sr. No.	Tender Reference (Page No/ Clause No)	Tender Clause	Bidder's Observation/Queries	Response to Queries/ Clarification
1	Page 8 / Commercial Bid. Sr.No.40	Any statutory increases or decreases in an Act of State or the Central Government relating to Sales Tax and other taxes shall be borne by the tenderer.	The changes in tax likely to happen, for example Goods and Service Tax (GST) is getting rolled out in India which will impact the current tax. As the actual impact of GST is not known as yet, we request that all taxes shall be payable as per prevailing rates applicable at the time of Delivery / invoicing.	--
2	Page 6 / Sr.No.18 Warranty	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 3 years or as mentioned in specification.	Accessories are not covered under standard warranty clause. Hence we request you to amend the clause to be read as "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 3 years or as mentioned in specification. However batteries and consumable items will have 1 year warranty only.	Warranty period will be after date of commissioning for :- <ol style="list-style-type: none"> 1. Set, Hand Held, Repeater, microwave Link, Dispatcher & Laptop / Computer etc. will be Three (03) Years. 2. Batteries of Handheld & UPS will be Two (02) Years. 3. Towers 20 Mtr, 25 Mtr & 45 Mtr will be Five (05) Years. 4. Other accessories will One (01) Years.
3	General		As this is turnkey project and lot of resources are to be deployed initially and also many of the equipment's are sourced/imported from OEM we request you include the Payment terms as 10% mobilization advance, 80% against delivery and 10% against Installation & Commissioning.	--

Sr. No.	Tender Reference (Page No/ Clause No)	Tender Clause	Bidder's Observation/Queries	Response to Queries/ Clarification
4	Page 18 / III. M/W Link B. Sr.No.2	Bidder should demonstrate live microwave linking between two station which are in line of sight and at least 60 (Sixty) km. apart. Co-ordinates will be provided at the time of field trial by the purchaser.	<p>As per the tender, requirement is microwave link in 5.8 GHz license free band with range up to 60 km. 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 and antenna gain should be ≥ 32 dBi Recommend also the MIMO antenna be used. This change is recommended to achieve 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>	<p>Output Power of Microwave Radio = Min. 27 dBm.</p> <p>Suitable Antenna to achieve min. 50 KM reliable communication.</p> <p>Location will be provided at the time of field trail.</p>
5	Page 21 / Unpriced Bill of Material Sr.No.16	1 KVA UPS with battery for 12 hours backup=50 no's.	<p>Please specify the features & accessories required with the UPS, tech specs such as:</p> <ol style="list-style-type: none"> 1. Online/offline capability 2. UPS-Input Voltage (36V/48V/72V) 3. Max Battery Capacity 4. Battery Racks. 	<p>1 KVA Online UPS with Suitable Battery combination for 12 Hours Backup and suitable battery rack.</p>
Sr. No.	Tender Reference (Page No/ Clause No)	Tender Clause	Bidder's Observation/Queries	Response to Queries/ Clarification

6	Page.21 / Unpriced Bill of Material Sr.No.17	Hot standby controlling system.	<p>As per industrial standards Microwave systems are segregated in the following components:</p> <ol style="list-style-type: none"> 1. Outdoor units (Microwave Radios) 2. Indoor units (Switch & POE Interface) <p>Additionally Indoor units comprises of Hot standby controller. This is an inherent part of IDU.</p> <ol style="list-style-type: none"> 3. Connecting Interfaces CAT 5e/6e cables and other accessories for proper connection. <p>Based on this, system can be configured in different ways by various OEM's products.</p> <p>The requirement of 100 IDU's, 100 Switches and 50 Hot standby controlling system is not understood. This type of configuration will have multiple point of failures and unnecessary increase in switching components which is built in to have hot standby configuration, Hence we.....</p>	Clause stands as it is.
7	Page16 / II. Digital Rptr. G-2 Sr.No. A-4	Installation & Commissioning 4) Proper earthing to be done at repeater site.	Please specify the no. of repeater sites, so that earthing can be catered accordingly for the actual installation of repeater sites.	26 Repeater sites.
8	Page 17 / II. Digital Repeater H-7	Warranty clause 3 years from the date of Test report.	We understand Three years Warranty starts from the date of test report for all radio and software items. Five years warranty is asked for Tower and mast infrastructure. Please confirm our understanding.	Bidder's assumption is correct.
9	--	General	Considering the size of tender & amount of ground work for dimensioning the network for Nanded Range. We would request 2 weeks extension for bid submission.	--