

### Clarification in Technical Specifications

Bidder : M/s Arya Communications Pvt. Ltd., Mumbai.

Ref : BOD-DMR/MS/PM/APCO/1617/02 dtd. 06/01/2017

Tender No. - 1224, Sr.No. DGP/17/6162/State Plan/Digital Networks/NandedRange/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
*	--	--	It is requested to include centralized radio management software with programming over the air & through Bluetooth.	Not Functional requirement of Maharashtra Police. Hence not Accepted.
*	--	--	We recommend that only ILAC (International Laboratory Accreditation co-operation) test certificate / report for MIL810 STD. to be made mandatory.	MIL 810 STD is mandatory.
1	Specification of UHF W/T A-7	--	As per Govt. notification BIS certification is required for battery of W/T, it is requested to include the same in the tender condition.	BIS Certification is not necessary.
2	Page 14 / 1. Digital Mob. Radio Set H-Sr.No.6 Training Page 17 / II Digital Rptr. H-Sr.No.6	Necessary Technical training regarding- 3) Component level repairing and maintenance of the system. Training shall be given to 5 technical persons per districts for two weeks.	Operational and user training will be given, however Component level repairing training is not possible. We request to delete this clause.	Clause stands as it is.
3	Page 16 / II.Digital Rptr. D- Sr.No.1&3	O Operating Temperature -30 <sup>0</sup> C to +60 <sup>0</sup> C  Humidity 95% non-condensing (-20 <sup>0</sup> to +60 <sup>0</sup> C)	Operating Temperature : Repeater is always recommended to install in well ventilated shelter, We request you to change Operating Temperature of Repeater as : -10 <sup>0</sup> C to + 55 <sup>0</sup> C Humidity is always measured on high temperature, therefore we request you to change it as : 95% non-condensing at 40 <sup>0</sup> C.	Clause stands as it is.

Sr. No.	Tender Reference (Page No/ Clause No)	Tender Clause	Bidder's Observation/Queries	Response to Queries/ Clarification
8	Page 6 / Commercial Bid. Sr.No.22	The testing charges of government approved laboratories, if any of the samples tendered will have to be paid by the shortlisted Bidder's after the short listing of Technical Bids. The rates of testing charges are likely to vary & the tenderer will have to pay the current charges before sending the samples for testing. The Samples will not be returned to the tenderer.	Once test reports are submitted. This is not required hence please delete this clause.	--
9	Page 20 / IV Dispatcher for Control Room	Dispatcher for control room	Kindly explain the connectivity of the dispatcher and topology.	One Dispatcher will be at each district control. (Nanded, Parbhani, Latur, Hingoli)
10	Page 14, 17, 19, & 20. Warranty.	3 years from the date of Test Report.	Warranty provided will for 3 year on mobile wireless sets and 1 year for accessories.	Warranty period will be after date of commissioning for :- <ol style="list-style-type: none"> <li>1. Set, Hand Held, Repeater, microwave Link, Dispatcher &amp; Laptop / Computer etc. will be Three (03) Years.</li> <li>2. Batteries of Handheld &amp; UPS will be Two (02) Years.</li> <li>3. Towers 20 Mtr, 25 Mtr &amp; 45 Mtr will be Five (05) Years.</li> <li>4. Other accessories will One (01) Years.</li> </ol>
11	Page 18 / III. M/W Radio Link Sr.No.A.3 & 4.	3. Output Power - 23 dBm or better 4. Antenna - 23dBi parabolic	As per WPC notification no G.S.R..38 (E). dtd.19.01/2007 Use of wireless equipment in the 5.825 to 5.875 Ghz. is license free subject to Maximum Effective Isotropic Radiated Power (Radio Output + Antenna Gain) is limited to (3) 4 Watt peak or 36 dbm. Request you to replace given parameters for output power and antenna gain in line with WPC guidelines for EIRP to use 5.8 GHz radios as license free radios.	Output Power of Microwave Radio = Min. 27 dBm.  Suitable Antenna to achieve min. 50 KM reliable communication.  Location will be provided at the time of field trail.

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12	Page 18 / III. M/W Radio Link Sr.No.A-7 & 6.	7. 10 Base T(RJ45), G707/704 & G823/G824.  6. User Data through put	1. As radios required to work on purely ethernet / IP (10/100) BaseT for extending IPSC connectivity between repeater sites request you to remove E1 based interface requirements of G703/704, G823/824.  2. Under specification no6, user data through put requirement is mentioned only 2mbps, request you to remove interface requirements of 10/100/1000 BaseT and change it to 10/100BaseT.	Clause stands as it is.  <b>10/100 Base T accepted.</b>
13	Page 24 / SSM 20 Mtr. Sr.No.12 Foundation of Mast	The foundation structure design should be approved local PWD authority, actual foundation should be carried by under guidance and supervision of local PWD officer in coordination of local police wireless officer at City / Dist. / Range office. The charges incurred should be borne by the bidder. The satisfactory foundation work certificate from local PWD authority be obtained by the bidder.	As per specification No.10, structural approval needs to be taken from SERC / IRT / COEP request you waive the requirement of PWD supervision, inspection and certification.	Clause stands as it is.
14	Page 24 / Sr.No.13 Warranty	Minimum 5 years on site comprehensive from the date of installation.	In line with warranty requirement mentioned for the other equipment's which are part of tender request you to change warranty periods to 3 years from 5 years so as maintain uniformity and submission of required bank guarantees.	Clause stands as it is.

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