

SI No	Sr. No.	Clause No.	Description	Clarification	Replies/ Clarifications
1		Article 1	Due date (Deadline) for Tender Submission	The bidder is responsible for site identification, construction and coverage analysis as stipulated in the T/E document. Considerable time and effort are needed for site survey and analysis. Please consider extending the due date to 16 Apr 09	Refer modified RFP
2		5.2	Item 4 - DMO Repeater for Mobile - Qty 50	This is a proprietary feature of only one manufacturer. To be fair to all other TETRA vendors, Motorola would like to request that this requirement be removed to make the tender open for others to bid.	Refer modified RFP
3		5.2	Item 5 – DMO Repeater for Handheld – Qty 30	This is a proprietary feature of only one manufacturer. To be fair to all other TETRA vendors, Motorola would like to request that this requirement be removed to make the tender open for others to bid.	Refer modified RFP
4		6.2 page no .6.4	Redundancy - As Required	Redundancy has not been defined here. In public safety, redundancy is critical to ensure that communication system is resilient and reliable at all time. The controllers in TETRA switch are the brain and the most critical part of the TETRA system operation. To provide the necessary redundancy and as well as to provide an apple to apple comparison for all vendor's system, Motorola would like to request that the redundancy (1+1) of the system controller at TETRA switch and site controller at the base station should be included as part of the requirements	Various vendors have redundancy at various levels. In some systems it forms part of their basic system. These vendors are keen to have redundancy defined in the same way. We have asked for specified uptime independent of the design of the equipment. It is for the vendor to ensure the desired uptime in his own way. He may provide redundancy if felt necessary to meet this uptime requirement. No change .

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5		6.2 page no .6.5	Programming kit for Subscriber Radios Units - Programming cable with multi port facility for simultaneously programming for at least ten (10) radio units	Motorola would like to request that the requirement be changed to programming of 1 radio at a time.	Refer modified RFP
6		Pg 6 - 6	Tenderer should specify spare parts for both Central Equipment and Radio Site equipment. Tenderer shall ensure total uptime of the systems to 99.999 percent against 24x7 hours.	Most typically public safety radio system calls for a system reliability of 99.99%. Motorola would like to request that the reliability requirement be revised to 99.99%.	Refer modified RFP
7		Pg 6 - 7	Adequate number of spare card/Modules should be provided to keep MTTR 20 Minutes. Tenderer to specify List of spares.	The proposed system will include high level of redundancy which will maintain the core call services at the highest availability even in the event of a component failure. As such, a very stringent MTTR of 20 minutes is not really required. Motorola requests to revise the MTTR to 4 hrs.	The clause is modified as "Adequate number of spare card/Modules should be provided so that Full system cannot be down for more than 1/2 hr and any one sites should not be down for more than 1 hr.Tenderer to specify List of spares." Refer modified RFP.
8		6.11	Dispatch Console Features		
9		Pg 6 - 23	6.11.1 (xviii) Dispatcher shall be able to give auto reply to incoming message	Auto reply is not possible. Motorola would like to request that this requirement be removed.	This clause is modified as to ensure acknowledgement and vender may define its method of acknowledgement. Refer modified RFP.
10		Pg 6 - 25	Minimum Dispatcher Hardware Specifications	Every TETRA manufacturer has standard and certified hardware specification for the dispatch console. Motorola would like to confirm that we can quote as per our equipment specification compliant to TETRA protocol and without compromising your functional requirements.	Either following or OEM certified H/W may be supplied.

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11		Pg 6 - 25	VOICE RECORDER CONFIGURATION	Every TETRA manufacturer has standard and certified hardware specification for the Voice recorder. Motorola would like to confirm that we can quote as per our equipment specification which are compliant to your functional requirements. In addition, for any public safety police system, recording of all the calls that occur in the system is of key importance so that scenario re-construction is possible. As such Motorola is requesting that the following requirements be included: The proposed voice recorder system shall record all calls (group call, emergency call, individual call and telephone interconnect call) that occur in the system. The proposed voice recorder system also be provided with playback station. Audio playback can be selected according to one of the following fields or combination of fields - Radio ID, Group ID, time of occurrence, type of call (group call, emergency call, individual call, telephone interconnect call).	Either following or OEM certified H/W may be supplied.
12		6.12	Network Management		
13		Pg 6 - 29/30	Configuration Management Fault Management The fault management module shall be implemented through graphical tool, allowing the network manager to monitor alarms from devices within the system. The fault management module shall provide fault reporting in each of the following areas:- • Base Station • VHF/UHF Connectivity • ALS Connectivity • PABX Connectivity. • Network management workstation. • Radio Equipment	The following are not monitored: • VHF/UHF Connectivity • ALS Connectivity • PABX Connectivity. Motorola would like to request that the above requirements be removed.	As per RFP

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14		Pg 6 - 31	Minimum Hardware Specifications - P-IV Processor @ 2.8 GHz - Integrated 256 Kb level 2ECC - 1 GB, SDRAM - 80 GB hard disk - 133 MHz FSB - 5 * PCI slots for expansion - 1 Serial Port, 1 Parallel Port, 2 USB Port, 1 Mouse and 1 Keyboard. - Integrated dual channel wide ultra 3/ ultra SCSI / SAS controller. - 2 Nos. fast PCI 10/100 auto sensing Ethernet cards - 52X CD-ROM - 17" Color monitor - 1.44 Mb FDD - Licensed system software and operating system. - Licensed antivirus software.	Every TETRA manufacturer has standard and certified hardware specification for the network management system. Motorola would like to confirm that we can quote as per our equipment specification compliant to TETRA protocol and without compromising your functional requirements.	Either following or OEM certified H/W may be supplied. Monitor size to be modified as 19"
15		Pg 6 - 37	x) It should be possible to upgrade a hand held through software only (without additional hardware) to allow it to act as a DMO repeater	This is a proprietary feature of only one manufacturer. To be fair to all other TETRA vendors, Motorola would like to request that this requirement be removed to make the tender open for others to bid.	Clause stands deleted
16		Pg 6 - 37	xi) While used as a DMO repeater, the terminal should retain its normal DMO terminal capabilities as well.	This is a proprietary feature of only one manufacturer. To be fair to all other TETRA vendors, Motorola would like to request that this requirement be removed to make the tender open for others to bid.	Clause stands deleted
17		Pg 6 - 39	ix) Mobile should be software upgradeable to operate as a DMO Repeater & DMO Gateway	This is a proprietary feature of only one manufacturer. To be fair to all other TETRA vendors, Motorola would like to request that this requirement be removed to make the tender open for others to bid.	Clause stands deleted Refer modified RFP
18		Pg 6 - 39	x) A mobile capable of DMO Gateway / Mobile shall also operate as a standard DMO terminal	This is a proprietary feature of only one manufacturer. To be fair to all other TETRA vendors, Motorola would like to request that this requirement be removed to make the tender open for others to bid.	Clause stands deleted Refer modified RFP

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19		Pg 6 - 39	vi) Radio unit should provide a minimum RF power output of 5 Watts	The coverage performance of a Desk Mounted radio is more often than not better than that of the mobile radio. The coverage performance of the desk mounted radio can be further enhanced with the use of high gain antenna not available for mobile radios. With this understanding, the desk mounted radio does not require a higher RF power output than the mobile radio. Conversely, if the requirement for RF output power of the desk mounted radio and the mobile radio are the set to be the same, then the same radio unit model can be offered for both mobile and desk mounted radio. This offers the advantage of sharing of spares modules, which provides the customer flexibility as well as the cost saving advantage. On this note, Motorola is requesting that the RF power output of the desk mount radio be changed to 3 Watts.	The clause is modified as "Radio unit should provide a minimum RF power output of 3 Watts" Refer modified RFP
20		Pg 6 - 40	vii) Repent DMO Repeater & Gateway functionality	This is a proprietary feature of only one manufacturer. To be fair to all other TETRA vendors, Motorola would like to request that this requirement be removed to make the tender open for others to bid.	Clause stands deleted Refer modified RFP
21		Pg 6 -71	6.22.11.1 Frequency Range 2-2.3 GHz	Most global Microwave vendors have discontinued 2 -2.3Ghz band. Motorola would like to request that the frequency band of the microwave to include other available bands like 5, 6, 7 Ghz bands.	The operation of the equipment may be changed as licensed microwave frequency band of 2/5/6/7 GHz.
22		6.23	Leased Line Modem (Pg 6 - 76)	Motorola's radio infrastructure is IP based where all transmission within the radio network is via IP packet. Interfaces to external network is based on E1 interface and hence leased line modem is not necessary. Motorola would like to confirm that we do not need provide for this modem since it is not required in our system.	Lease line modems will be used to provide backup connectivity between the Base Station sites on BSNL lines and these modems should be TEC approved. Lease line rental shall be borne by Dadra and Nagar Haveli police.
23		Section - 1, 16.1	Printer cartridge(s) & paper will be treated as consumables & will not form part of warranty.	Battery Longevity is defined in terms of no. of charge cycles and hence cannot be qualified in terms of time-period. Hence battery should be treated as a consumable with a 3 month warranty which is sufficient to detect any manufacturing defects	As per RFP

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24		Section - 1, 17	It should be noted that if a contract is placed on a higher rate as result of this tender in preference to lowest acceptable offer in consideration of Tenderer offer of earlier delivery, Tenderer will be liable to pay to Government the difference between the contract rate and that of the lowest acceptable tender in case of failure to complete supplies in terms of such contract within the date of delivery specified in the tender and incorporated in the Acceptance of Tender. This is without prejudice to other rights under the terms of contract.	As the L1 bid value is unknown at the time of bidding, the risk associated with this clause is not quantifiable. Please clarify whether the non L1 bidder with faster delivery schedules will be permitted to accept/reject the order on these terms <i>after</i> the L1 price differential is known.	The clause stands deleted.
25		Sec 5.2 Sr. #6	Switching Unit at Local Base Station	Please confirm if the "Local Base Station" mentioned is one of the two "Base Station Systems" mentioned in item #9, or additional to these?	local base station is one of the three base station.
26		Section - 5	Tower	BOQ proposes only ONE (1) Tower whereas 2 Radio Base Station Sites are proposed. Please confirm tenderer shall make the Tower available for the other radio site complete with lightning arrestor, tower earthing, cable tray etc.	It is proposed to use three towers at Nani Daman, Selvasa and Khanvel. However the coverage plan is to be given by vendor based on the specs of tender. If the survey by the bidder identifies any additional / Alternate site the cost of the tower is to be included. The tower should be complete with all accessories.
27		6.11 - xii.)	DISPATCH CONSOLE FEATURES: Dynamic Grouping	DGNA feature is usually implemented in Line Connected Dispatchers. Please specify if this feature is required for mobile (non line connected) dispatcher as well.	This feature is required for line connector dispatcher and not for mobile dispatcher
28		6.11 - xxiii.)	Voice Recorder for all channels should have archival and retrieval feature.	Please clarify if the dispatchers are likely to be colocated. This feature is more relevant for Multi-Channel Voice loggers as the dispatcher audio logging is effectively single channel logging	Despatch console feature 6.11. I,x,xi,xxiii shifted to voice recorder 6-25.

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29		5.2 S.#10	Dispatcher Unit (2 Line and 1 wireless)	1. Dispatcher Hardware is missed out in the BOM though it is specified elsewhere. 2. Is a desktop or laptop required for the wireless Dispatcher platform? If Laptop is required please suggest the minimum QR in terms of configuration, protection and charging facility 3. Is the necessary RF equipment for the Wireless dispatcher to be offered with this line item or does the buyer intend to deploy one of the TETRA radios being procured under line items 1 or 3 for this purpose?	1. Modified in the BOM. 2.OEM certified H/W may be supplied. 3. One of the TETRA radio will be deployed.
30		6.13	TELEPHONY GATEWAY – H.323 Protocol	Please clarify whether the existing Police PABX supports only H.323 protocol? Alternatively, the protocols supported may be mentioned such that open standard protocols e.g. DSS1, QSIG may be converted to match the available interfaces	To provide connectivity to the available system.
31			ALS GATEWAY – H.323 Protocol	Request to allow using any standard documented protocol compatible with the offered TETRA system and AVLS/ALS application	Stands modified as " ALS GATEWAY – H.323 Protocol or OEM certified protocol." Refer modified RFP.
32		6.15	General Requirements for Transceiver	Is it mandatory to provide combiners for 2x carrier base stations - where it may be eliminated to avoid combining losses and possibility of single point of failure situations? If Combiner is used at the designers discretion, or later if the capacity is expanded, please specify whether they should be cavity or hybrid types?	As per modified RFP.RFP
33		6.16 ii)	HAND-PORTABLE UNIT The hand-portable unit shall provide a minimum RF output of 1 Watt.	Please also specify the maximum RF power of the handheld radios - whether it should conform to ETSI RF Power Class 3L (corresponding to 1.8W) as internationally permissible for full duplex call?	As per RFP
34		6.17 AVLS Topology	Client License Map Viewing	Usually any desktop on the same LAN as the AVLS Map Server should be able to view the map without paying a license fee per viewer (login & password only is required). Hence in the interest of Daman Police the AVLS map server should allow UNLIMITED map viewer clients without license requirements - or where it cannot be avoided, bundle in 50 viewing licenses considering the expansion capability to 50 dispatchers, so as to avoid future/ hidden costs.	As per modified RFP
35		6.17 AVLS Topology	Tenderer should provide digital map of the Daman and Dadra & Nagar Haveli.	Please quantify the Sq. Km required to be covered by the map and mark the area of interest (if possible as a kmz file on google map)	As per modified RFP

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36		6.21	For designing of tower load of 3 no. of Triple Diversity antenna, required no. of microwave antenna may be kept into considerations. In addition to above the others forces acting on the tower may be taken into account as per latest IS Codes relevant to designing of towers.	Load bearing calculation with 3 antennas may be inadequate for diversity using sectoral antennas.	The clause modified as For designing of tower load of Tetra antenna including diversity and required no. of microwave antenna may be kept into considerations. In addition to above the others forces acting on the tower may be taken into account as per latest IS Codes relevant to designing of towers.
37		28 Factory Inspection (vii)	(ii) to ensure that parts required to be inspected before use are not used before inspection;	Is OEM undertaking to the effect that " <i>the offered equipment for testing and supply including hardware is brand new and never been used before</i> " sufficient for this clause?	The clause is modified as to ensure that OEM undertaking to the effect that " <i>the offered equipment for testing and supply including hardware is brand new and never been used before</i> "
38		Section 6 – 5	- Programming cable with multi port facility for simultaneously programming for at least ten (10) radio units	Please clarify if the number of programming stations required (05 as per 5.2 #10), and whether simultaneous programming capability for 10 radios is required at each programming station.	As per modified RFP.RFP
39		5.2 S.#11	Single port Programming kit including laptop to cater for programming of Radio Units (handheld, mobile & static radios) - 05 No.s		As per modified RFP.RFP
40		5.2 Sr. # 22	Arrangement for charging minimum 10 TETRA handheld radios simultaneously - 1 Set per Police Station	Please specify: 1. No. of Police Stations to quantify the Multi-slot charger requirement 2. Whether charger should be able to simultaneously charge multiple spare batteries when not attached to the radio	There are 5 nos. of Police Stations.
41		Authorization	Use of the phrase "on behalf of"	This phrase is only legally applicable for "agents", where the final contracting party is the authorizing OEM itself, and not for resellers/ system integrators	As per modified RFP.RFP

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42		Page no. 1-3 clause No. 2-B	Tenderer should give the break-up of rates F.O.B. charges towards packing, forwarding and freight.	Is it mandatory to give break-up of Rates F.O.B.	The clause may is modified as Tenderer should give F.O.R destination with break up of duties and taxes.
43		Page no. 1-3 clause No. 2-D and Page 1-16 clause 28		Is inspection required to be carried out at Factory? What about the equipments imported ?	As per RFP
44		Page no. 1-4 clause no. 5	Tenders should be accompanied by Earnest Money Deposit of Rs. 16,00,000 in the form of Bank Guarantee in favor of Deputy Inspector General of Police drawn on any nationalized bank having branch in Daman.	Which nationalized banks are having their branches in Daman?	Bidders to find out
45		Page No. 1-6 Clause No. 6	Certified Copy of Income Tax	As per Ministry of Finance, submission of IT Return copy is not mandatory to participate in the tender. Why is it emphasized that it is to be submitted to be qualified and non submission will be liable for vendor to be rejected ?	Copy of latest Income tax return filed is to be submitted.
46					
47		Page no. 1-9 clauses No. 15(G)	Samples submitted against earlier enquiries...	In such case, other bidders must be given time to submit the samples.	As per modified RFP

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48		Page no. 1-12 clauses No. 19	Extension of time For such extension, penalty will be charged @0.5% of total tender cost per week subject to a maximum of 5% of total tender cost	For extension granted due to delay for reasons beyond bidders control / unforeseen circumstances, penalty should not be charged.	Clause no. 19 (iii) of Section 1 is modified as " Provided always that any failure or delay on 'the part of sub-contractors though their employment may have been sanctioned shall not be admitted as a reasonable ground for any extension of time or from exempting Tenderer from any liability for any such loss or damage, as aforesaid and provided further that no extension shall be allowed unless application' for it shall, in the opinion of the DIG, DD & DNH Police have been made and in his opinion' is justified. "
49		Page no. 1-13 clause No. 23	Tenderers are requested to show all taxes separately ...	Please specify whether DD & DNH Police is exempted from any taxes / duties ?	Bidder to find out
50		Page 5-4, Ser 9(b)	Radio Transceiver Unit (25W)	Can we not use Radio Transceiver Unit of less than 25W? There are outdoor BTS available of less than 25W that can be mounted on the mast near the antenna resulting in negligible RF loss.	The query is ambiguous. It is as per RFP.
51		1-8/ 15	Sample - Tenderer should submit one sample of each of the three TETRA subscriber radio set viz. Mobile, Static and Portable as per the specifications mentioned in this document.	The make and model of Mobile & Static terminals provided will be same. Do we still have to submit three radio sets viz. one Hand held and two Mobile / Fixed Radio terminals? Would two terminals – one hand held and one mobile do?	One hand held and one Mobile. Refer modified RFP.
52		1-8 / 15(A)	The Tenderer are required to submit the samples for feel, finish, color and visual inspection only.	Can we submit dummy / non operational samples of the TETRA Terminals?	Operational samples should submit along with the tender

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53		2 -10 /Article16	The Tender prepared by the Tenderer, as well as all correspondence and documents relating to the Tender exchanged between the Tenderer and the DD & DNH Police, shall be in English. Supporting documents and printed literature furnished by the Tenderer may be in another language provided they are accompanied by an accurate translation by a DD & DNH Police certified/ approved translator of the relevant pages in English. For the purposes of interpretation of the Tender, the translation shall govern. Information supplied in another language without proper translation shall be rejected.	Can you provide details of DD & DNH Police certified / approved translators who are based at Mumbai since the Language of certificates provided by our manufacturer could be in languages other in English.	Self certified along with original is to be submitted.
54		2 – 15 / 22.6	The tender may be asked to set up Demo. The bidder shall demonstrate at least a single carrier Tetra System with all 3 type of subscriber terminals i.e. handheld, mobile & fixed (as offered). DD & DNH Police will provide a suitable location with 230V / 15 amps commercial power plug at 30-40 feet high for the same.	Please provide the tentative dates & location of the demonstration, in case it is required. We request minimum 2 weeks notice period for demonstrating the system.	As per modified RFP.RFP

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55		3- 4 / Article 2.1	The Tenderer warrants that there is no intention of discontinuing production of the Products and Systems supplied under the Tender within 24 (Twenty four months) from the date of the Acceptance of the "Systems". In the event that the Tenderer intends to discontinue production of any Product/System after that period, the Tenderer will have to certify that the spare parts of the system being discontinued will be available for at least next 10(ten) years.	The Warranty period specified in clause be amended from 3 years to 2 years.	Clause no. 2.1 para 2 of Article - 2 : warranty of section -3 is modified as "The tenderer has to mention the prices of all those articles which are not covered in warranty even during warranty period of 2 years like consumables and plastic parts etc. in form 2 section 7."
56		And Page 2-4 / Article 4 (h)	The tenderer has to mention the prices of all those articles which are not covered in warranty even during warranty period of 3 years like consumables and plastic parts etc. in form 2 section 7.		
57		3 – 5 / Art 5	Tenderer shall ensure total uptime of the system to 99.7% against 24x7. This is applicable only for system comprising of RF equipments & infrastructure. The uptime / downtime will be calculated on quarterly basis.	The system uptime here is 99.7% where as at page 6 – 6 / Sec 6.2 the tech specs specify an uptime of 99.999%. This may be clarified.	As per modified RFP.RFP
58		5-3 / S No 4	DMO Repeater for Mobile - 50	The tender document is silent on the deployment of DMO repeaters. Request provide information on their deployment.	As per modified RFP.RFP
59		5 - 3 / S No 6	Switching Unit at Local Base Station - 01	The tender document is silent on redundancy for this system? How is redundancy planned for this system?	As per RFP.
60		5 - 4 / S No 8a	Analog Gateway - 3	We need to understand its utilisation. Please provide details of analog networks available and need to be interfaced with this gateway. Also please provide the number of radio interfaces required with this gateway. Also provide the locations where the three gateways are going to be deployed.	As per modified RFP.RFP

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61		5 - 4 / S No 8c	EPABX Gateway - 2	How are the EPABX Gateways going to be deployed? Please provide the locations where these gateways are going to be deployed.	As per modified RFP.RFP
62		5 - 4 / S No 10	Dispatcher Unit (2 Line and 1 wireless)	Please clarify would the Dispatcher on Wireless be on LAN or a Mobile Dispatcher mounted on a vehicle.	As per modified RFP.RFP
63		5 - 5 / S No 16 h	Spare Gateway Card	We would like to know the type of card required. How it is intended to be used.	This clause stands deleted.
64		5 - 5 / S No 17	License & software of Automatic Vehicle location and Personal location along with necessary client and server application for 500 users. The AVL viewing client functionality shall be implemented in dispatcher - 500	We require a clarification on the number of licenses required. Do we need 500 AVL licenses or licenses to cater for 500 users?	10 No. of viewing licences are required to cover all the radios as per this tender.
65		5 - 5 / S No 22	Special Maintenance Equipment like RCTS. (The equipment should be able to test parameters of TETRA system as well as microwave link.) – 1 No	Please provide more information / details of this tool.	As per RFP
66		5 - 5 / S No 23	Arrangements for charging minimum 10 TETRA Hand held radios simultaneously – 1 Set per Police Station	Please confirm there are only 5 Police Stations where this arrangement is to be made (Nani Daman Control Room, Coastal Police Station Moti Daman, DIG Office, Police Control Room-Silvasa, Police Station Silvasa)	There are 5 nos. of Police Stations.
67		5 - 6 / SI 5	The successful Tenderer has to get approval of operation certificate from the vendor who shall be selected for setting up of TETRA Infrastructure, before dispatching the Subscriber Radios.	This clause is not clear. Please provide detailed clarification for this statement.	IOP certification between the TETRA infrastructure and the proposed terminal equipment should be provided.
68		5- 6 / SI 6	As per the architecture of the Project, the central site will be located at Daman, Diu and Dadra & Nagar Haveli City. The Tenderer should propose the central site with future scalability requirement.	At Clause 6.2 (pg 6 - 2) the tender states that the Central site would be at Daman. Where as in this clause the tenderer has been asked to propose the Central site. Please clarify the statement.	Modified as "As per the architecture of the Project, the central site will be located at Daman City. The Tenderer should propose the central site equipment which is scalable in future.

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69		6 – 2 / Sec 6.2	Network Architecture. The proposed TETRA network should be	With the proposed setup there is no direct connectivity between the base site equipments to be deployed. Please elaborate base station connectivity in mesh Topology. (if the proposed solution is IP based)	As per modified RFP
70			The Lease line charges shall be borne by Daman, Diu and Dadra & Nagar Haveli Police. The base stations will be connected in a star for circuit switch technology and mesh for I/P technology.		
71		6 – 6 / Sec 6.2 Tech Specs	Tenderer should specify spare parts for both Central Equipment and Radio Site equipment. Tenderer shall ensure total uptime of the systems to 99.999 percent against 24x7 hours.	With only one Switching system (no redundancy) system uptime of 99.999 % may be explained	As per modified RFP
72		6 – 30 / Sec 6.12 Performance Management	This record shall be in the form, which can readily be transmitted to an external application for performance analysis. The tender should provide full details of the call details records provided by the system.	Please provide details on the file formats supported by the external application.eg .xls, .txt etc	The transmission format shall be in the form of MS.xls or TXT.
73		6 – 71 / 6.22.12	Bit Rate from / To MUX – 4 X 2.048 Mbps	Request clarify that RF throughput of Microwave link should be 8 Mbps or 34 Mbps	As per vendor's requirement.
74		6 – 73 / 6.22.14.1	Configuration - (1+1) configuration with (2+1) option with automatic and manual change over facility. It should be possible to use the standby channel for regular traffic in (N+0) Mode.	Please clarify that the microwave links are point to point or point to multipoint. In case of point to point with or without diversity	As per RFP
75		Page 6-44/Clause 6.17	Basemap shall have the following layers in 1:10000 scale	At 1:10000 scale it is not possible to capture the features mentioned. Please review the scale in order to capture the features as mentioned in the tender.	As per RFP
76		Page 6-44/Clause 6.17	“Tenderer should provide digital map of the Daman and Dadra & Nagar Haveli”	What is the source data for the preparation of digital base map? kindly specify which satellite data is to be used and their resolution. Will the satellite imagery data will be provided by DD & DNH Police?	As per RFP
77		Page 6-44/Clause 6.17	Digital Map (Query is about layers)	Buildings – Are only major buildings / landmarks to be captured ?	As per RFP

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78		Page 6-45/Clause 6.17	Digital Map (Query is about layers)	Locality - Please elaborate on the places or features to be captured in this head	As per RFP
79		Page 6-45/Clause 6.17	Digital Map (Query is about layers) "Police Stations and Police Out posts/Check Post, Police Station boundaries and Nakabandi layer (To be provided by the Daman, Diu and Dadra & Nagar Haveli Police)"	Are these data in hard or soft copies? If in soft copies what is the format ?	As per modified RFP
80		Page 6-45/Clause 6.17	Digital Map (Query is about layers) "Customizable layers (to be provided by the Daman, Diu and Dadra & Nagar Haveli Police)"	Please elaborate the term "customizable layers"	The clause stands deleted. Refer modified RFP.
81				Can we Supply only GSHDSL modems ? We do not deal with other items required in the tender.	Tenderer who can supply total solution should participate. Parts supply are not allowed as per the scope of the tender.
82				The Detailed Tech Specs for GSHDSL modems not mentioned.	
83				We are SSI unit registered with NSIC/DGS&D. Hence as per concession offered to us we can participate in the Tender with out paying Rs 5000 for tender. Please confirm	
84				Kindly refer to the page no. 79 clause 6.1 project AIIM, where in you have asked Radio Network- Digital Trunk Technology to function at 800 MHz band, please be informed that the suggested frequency is a proprietary band only provided by single vendor. We would recommend that the requested network functions seamlessly at 400 MHz band also. Thus, we will request the changes to be incorporated in the tender documents accordingly.	800 Mhz is the prescribed frequency.
85		Section: 5, S.No. 8a		Please provide the details (Make, model and interface) of existing VHF communication system	Bidder to find out
86		Section: 5, S.No. 8c		Please provide the details (make, model, interfaces) of existing EPBAX network.	Bidder to find out
87		Section: 5, S.No. 10c		Please provide the functionalities of Data Recorder	As per RFP
88		Section: 5, S.No. 12		In the tender you have mentioned 2 sites (One at Daman and one at Silvasa). However, in Bill of Material, you have asked the quote for only one tower. Please clarify	As per modified RFP
89		Section: 5, S.No.16h		Please clarify the type of Gateway Card you require.	The clause stands deleted.
90		Section: 6, S.No. 6.13		Please provide more details on 1 TY-R Signaling	As per modified RFP

SI No	Sr. No.	Clause No.	Description	Clarification	Replies/ Clarifications
91		Section: 6, S.No. 6.13		As we understand H.323 Protocol is used for Telephony. However you have mentioned ALS GATEWAY – H.323 Protocol. Please clarify	As per modified RFP
92		Section: 6, S.No. 6.13		As per the Ref, the system should support minimum 6 VHF /UHF channel. However, in (Section: 5, S.No. 8a), 3 analogue Gateways have mentioned. Please clarify	As per modified RFP
93		Article-14, S.No.14.3		To carry out the survey, specialized equipments are required and surveys will also adequate take time. Please provide us an extension of 3 weeks time to carry out the exhaustive survey.	As per revised RFP
94		Section:1, S.No.15		As per tender the sample terminals (portable, mobile and static) are to be submitted along with Bid on 16th March 2009. As all these samples are to be imported from outside India, the import process itself takes 2-3 weeks time. In this regard, we would request you to give an extension of 3 weeks.	DD &DNH Police may decide to give the comments
95				There should not be any requirement of submitting tetra radios as they can only perform in full functionality with the system. As Daman police is anyway planning to have a demo of the system at a later date it is recommended that this requirement of submitting samples is withdrawn as it is very difficult to arrange samples as such a short notice.	As per RFP
96				Can organizations without a valid ISO certificate also take part in the tender	As per RFP
97				The Pre-qualification criteria talks of Experience and past performance on similar project for last 2 years and the "similar contract" means Tenderer has successfully completed a contract involving supply, installation, testing, integration and commissioning of Digital Radio Trunking (TETRA) System as per tender. We feel the requirement should be diluted to experience in Radio trunking systems as Tetra is a new technology and various other parallel technologies have been implemented by organisations in India. By only limiting the area to supply & installation in Tetra would limit the participation in the bid as there are very limited Tetra installation in India as on date. And fundamentally there is not much difference in the basic installation and commissioning of Tetra as compared to other Trunking systems.	As per RFP
98				The uptime requirement is not very clear as is varied in different parts of the tender from 99% to 99.99% also with the base station not being down for more than 5 min. We request clarity on this.	As per modified RFP

SI No	Sr. No.	Clause No.	Description	Clarification	Replies/ Clarifications
99				Can the interoperability certificates be submitted after the award of the contract.	As per RFP
100				Is Daman looking for system with end to end encryption now or a system which supports encryption.	As per RFP
101				Request clarity on the coverage requirement it is 85% or 90% on road coverage for mobile units.	Modified as " Tenderer should do survey of the designated cities and identify the most appropriate sites for covering Daman and Dadra & Nagar Haveli, to provide 85% on road coverage for mobile units as per list at Annexure - 2, and 100% coverage for all the static stations. The final network diagram entirely be the responsibility of the Tenderer.
102				As the intent of tenderer appears to have overall requirement of communication under warranty for two years and AMC for three years, so overall requirement is 5 years by then we also believe the tenderer would be self sufficient in maintaining and running the network. In the circumstances can we quote in boot model fulfilling all other technical requirement of the tender. If yes please modify the terms and conditions suitable for the same.	As per RFP
103				As samples are required, we need to import the same and as such request for time extension of two weeks.	As per RFP
104				The tender ask for supplier to check the physical condition so will it be ok submit 400 Mhz samples that are the same as 800 Mhz	Operational sample of offered equipment is required.
105		Page 6-3 of Section-06 Technical specifications	As per this clause it is required to supply Switching unit with GPS antenna.	As per ETSI GPS synchronization is available with Base stations and not with Switch. Request to delete this clause.	The synchronisation may be provided with either base station or through switch.
106		Page 6-3 of Section-06 Technical specifications	As per this clause programming kit should have multi port facility for simultaneously programming of at least ten radio units ALSO as per BOQ same has been requested for Single Port	Kindly amend the same for programming of single radio as the multi port programming is vendor specific.	As per modified RFP

SI No	Sr. No.	Clause No.	Description	Clarification	Replies/ Clarifications
107		Page 6-5 of Section-06 Technical specifications	As per this clause Dispatching station has to be provided with Data recorder	As per T/E there are no specifications for Data recorder. Request to delete this clause.	As per modified RFP
108		Page 6-22 point (xiii) of Section-06 Technical specifications	As per this clause the system shall be able to support minimum of 50 Dispatch console Position.	This is a contradiction to page 6-8 of Section-06 Technical specifications that the network architecture should be capable of supporting more than one dispatcher console for each location. As for a Two site system such a large no. of Dispatcher can never be deployed. Request to kindly amend the same to 2 to 10 dispatcher consoles.	The clause IS modified as "The system shall be able to support minimum of 10 Dispatch console Position." Refer modified RFP.
109		Page 6-34 of Section-06 Technical specifications	As per this clause their shall be Omni directional antenna for both receiver & transmitter with 10dB gain & as per BOQ Antenna system should be Omni for Silvasa Site & Sector for Daman sites	Please clarify .Request amend as under:	The query is not complete
110		Page 6-37 point (x) and (xi) Hand Portable units of Section-06 Technical specifications	As per this clause the Tetra Radio should act as a DMO repeater	As except M/s Sepura other Tetra suppliers do not meet the above said requirement, request delete both the clauses as the same is vendor specific and not as per Tetra standard. Moreover 1 Watt Portable radio acting as repeater will not serve any purpose.	As per modified RFP

SI No	Sr. No.	Clause No.	Description	Clarification	Replies/ Clarifications
111		Page 6-39 point (ix) and (x) Mobile radio units of Section-06 Technical specifications	As per this clause the Tetra Radio should act as a DMO repeater	As except M/s Sepura other Tetra suppliers do not meet the above said requirement, request delete both the clauses as the same is vendor specific and not as per Tetra standard.	As per RFP
112		Page 6-39 point (vi) Desk Mounted radio units of Section-06 Technical specifications	As per this clause Radio unit shall provide a minimum RF power output of 5 Watts	As per T/E in most of the places RF output power requested is 3Watts. Request to amend the same to 3 Watts as per Tetra Standard. Except M/s Sepura other vendors manufacture 3 Watt Power radio as per Tetra standard.	As per modified RFP
113		Page 6-40 point (vii) Desk Mounted radio of Section-06 Technical specifications	As per this clause the Tetra Radio should act as a DMO repeater & Gateway	As except M/s Sepura other Tetra suppliers do not meet the above said requirement, request delete this clause as the same is vendor specific and not as per Tetra standard. Moreover Desk Mounted radio acting as repeater will not serve any purpose.	As per modified RFP
114		Page 2-34 Article 51 of General conditions of contract	Comprehensive AMC	Please clarify whether batteries for UPS, Desk Mounted Radio units as well as batteries for Hand Portable Radio units have to be included in our offer of AMC or the same will be procured by Daman & Diu Police after the batteries had given their useful life.	As per RFP

SI No	Sr. No.	Clause No.	Description	Clarification	Replies/ Clarifications
115		Page 5-5 point (20 C) of Section-05 Schedule of Requirements & Scope of Work	UPS- 6KVA Minimum	As per this clause vendor has to supply 6KVA UPS for Central Site. As Delta UPS are also available world wide and have 2,3 & 5 KVA UPS in their Product list , request kindly include 5 / 6 KVA UPS in the BOQ as per the requirement of the system.	As per RFP
116		Page 5-5 point (23) of Section-05 Schedule of Requirements & Scope of Work	As per this clause vendor has to quote arrangement for charging minimum 10 tetra handheld radios simultaneously (1 set per police station)	Please clarify as the total no of Police stations are (12+26 = 38), We need to quote for 38 No, ten Unit charger.	As per modified RFP
117		Page 4-3 of Section-04 T/E Data Sheet	Due date of Tender submission on 16-03-09	As the tender submission time is very short and also bidder needs to submit Producer Authority Letter from Principal as well as other suppliers. Request extend the tender due date by at least 4 Weeks to enable bidders to submit their offers against the above T/E.	As per modified RFP
118		a) Page no. 2-7 Article – 9	When a tenderer is not a manufacturer himself, he should submit a letter from the manufacturer authorizing him to submit quotation on his behalf.	These two clauses are contradictory. PI confirm that	As per RFP. There is no contradiction in the stated clauses.
119			If the tenderer uses manufacturer's (OEM) strength to pre-qualify, OEM should be a consortium partner.	"If the tenderer uses manufacturer's (OEM) strength to pre-qualify, OEM should be a consortium partner."	As per RFP
120		b) Page 3-3, Article 1			

SI No	Sr. No.	Clause No.	Description	Clarification	Replies/ Clarifications
121		a) 2 -28 Article 45.5 and	Provide 90% on road coverage for mobile units and 100% coverage for all the static stations	We have done a preliminary survey of Daman and Dadra & Nagar Haveli and considering the total area, locations of your police stations, check posts and out posts, and the terrain of the area, even if the Base Station Systems are increased from two to three, the required coverage may not be achieved. DMO repeaters will still be required for getting coverage to remote places.	As per modified RFP
122			Base Station System – 2 nos	Accordingly, please clarify the change in quantities in “Schedule of Requirement”	As per modified RFP
123		b) 5-4 / S no. 9	DMO repeaters for Mobile and Handheld		
124		c) 5-3 / S no. 4 & 5			
125		5-4 / S No. 12	Tower – 1	We understand that the bidder has to construct one tower and use existing towers for the other base station/stations. We have surveyed your towers and found that these cannot be used. In such case, the quantities mentioned in your “Schedule of Requirement” shall change. Please make provision to incorporate towers for all base stations in your “Schedule of Requirement”	As per modified RFP
126		A-2 – 7 (Annexure – 2 Site Survey)	Note : Daman, Diu and dadra nagar Haveli Police has existing towers at nani daman of height 30 mtrs, Silvassa of height 30 mtrs and Khanvel of height 20 mtrs and one spare at Dabhel and plan to use them.		
127		Page 5-4, Sr 16	Spares and Redundancy	Please specify the items and their quantities required to be quoted	As per modified RFP