

**MNVR DRAFT RFP
Q&A RESPONSES
6 MARCH 2012**

SOW

QUESTION: Section 4.4 Page 22, Contractor Cost Data Reporting (CCDR). Although Section B of the Draft RFP shows all CLINs except 0100 as options, most of the SOW (with the exception of Paragraph 3 and its sub-paragraphs) isn't marked as optional. What is the intent regarding what portion of the SOW is required vs. options?

RESPONSE: Options are identified in Section B, not the SOW.

QUESTION: Section 1.3 Media and File Format. What files go into the Web-enabled Government data system?

RESPONSE: Every file delivered by CDRL.

QUESTION: Section 1.4 Page 2, Data Access. This is a FFP effort with specific deliverables. This clause is typical of a Cost Plus contract for design. Since this is a FFP contract, why has this been included in the SOW?

RESPONSE: There are CPFF CLINs for sustainment services.

QUESTION: Section 1.7 Page 4, Supply Chain Risk Management. This is a FFP effort with specific deliverables. This clause is typical of a Cost Plus contract for design. Since this is a FFP contract, why has this been included in the SOW?

RESPONSE: Design is not the issue; SCM risk management is the issue, and so the Government requires visibility into the BOM.

QUESTION: 1.10 Public Key Infrastructure (PKI). Will a copy of MNVR ICD - Developed in May 2011 be provided?

RESPONSE: The SOW reference to the MNVR ICD has been replaced with the GMR Certificate Authority (CA) Interface Control Document (ICD); Revision: NC; Document Date: 02 May 2011. Our intent is to provide this ICD on the CD to be provided upon request for the final RFP.

QUESTION: Section 2.2 Page 9, line 222. Requirement to process voice and/or data up to Top Secret as specified in PRD 3.15.1.a, conflicts with SOW section 2.2 to secure information up to Secret.

RESPONSE: The requirement is for up to Secret. The PRD has been updated accordingly.

QUESTION: Section 2.2 Page 9, line 227. There are many requirements that specifically address the IASRD security requirements. If our product has already been certified using the JTRS UIC, we assume it is acceptable to use the JTRS UIC in place of IASRD.

RESPONSE: No, this assumption is in error

QUESTION: 3.3 (Option) Software Support Environment. What "associated documentation" is being requested for the Software Support Environment?

RESPONSE: The Contractor shall deliver all documents listed from paragraphs 3.1.1 through 3.2.2 for all OE and WF CSCIs in a Software Support Environment and associated documentation that will allow the Government to perform maintenance and verify the functions of the software products developed under this contract.

QUESTION: Section 5 Page 27, JTRS MNVR Radio Set Production. Will the government be providing the license as GFE for the Raytheon BBN Technologies software included in WNW? If not, will the government provide the terms of the contract?

RESPONSE: A special license has been established between the Government and BBN authorizing Government Purpose Rights for their WNW software. Before using the BBN WNW software, you must sign the license addendum which is available from the JTRS Information Repository (IR).

QUESTION: Section 5.1.4 Page 30, Warranty. Section H has 2 warranty clauses. Why is this section in the SOW and not section H, and how does it fit with the other warranty clauses?

RESPONSE: Warranty paragraphs in SOW deleted. FAR 52.246-19 is the proper warranty clause. FAR 52.246-18 has been deleted.

QUESTION: 6.1.1 Production Acceptance Test Procedures (ATPs). Do you want DID DI-NDTI-81583 as called out vice DI-NDTI-81583A, used for A031?

RESPONSE: No. CDRL corrected to identify DI-NDTI-81583A as proper DID.

QUESTION: 6.4.1 PRAT Test Plan. Will the Government be providing the OMS/MP? If yes, then when?

RESPONSE: The OMS/MP will be provided once it has been completed. We anticipate that the document will not be completed until later this year.

QUESTION: 6.6 Central Technical Support Facility (CTSF) Certification Testing. How many systems are to be delivered to CTSF? Are these to be ordered under CLIN 0100?

RESPONSE: The intent is for 4 radios to be provided to CTSF, however quantities are to be determined at a later date. All radio sets are to be ordered under CLIN 0100.

QUESTION: 6.8 Contractor Support of Government Developmental Test (DT) and Multi-service Operational Test and Evaluation (MOT&E). Will the 30 systems to be provided for the Developmental Field Test be ordered under CLIN 0100? Where will MOT&E be performed? Is one month the length of MOT&E?

RESPONSE: All radio sets will be ordered under CLIN 0100. MOT&E is planned to be performed at WSMR during NIE lasting the duration of the NIE approximately 1-1.5 months (including the COMMEX).

QUESTION: Are the 30 LRIP MNVR systems part of the CLIN 0100 minimum order or are they to be procured under a separate CLIN?

RESPONSE: All radio sets will be ordered under CLIN 0100. References to LRIP have been removed. The SOW currently states, “The MNVR systems shall undergo a series of government tests culminating in a large scale IOT&E that will encompass a minimum of 30 MNVR systems. The Contractor shall provide the required operational systems and administrative, technical, and logistical support to these efforts.” It has not yet been determined if the 30 units for IOT&E will be part of the initial order.

QUESTION: Section 7.2 Page 42, Interim Contractor Support (ICS). What CLIN does this section fall under? What does this apply to? Warranty? Support Services?

RESPONSE: The CLINs are 0500-0504 and 0600-0604. The SOW will be revised to clarify the appropriate CLINs.

QUESTION: 7.22 Repair vs. Replacement (Page 43). Section 7.2.1 states TAT does not include transit time to and from government delivery destination. Section 7.2.2 states that the contractor shall use the most efficient method of shipment that cost effectively achieve the required TAT. This implies that shipping time is included in the TAT. This inconsistency can be resolved by deleting the words after “shipment” in the last sentence of 2.2. Please provide clarification as to whether shipping time is or is not included in the TAT.

RESPONSE: Last sentence of 7.2.2 deleted. Shipping time is not included in the TAT.

QUESTION: Section 7.3 Page 43, Training. All effort related to training is FFP yet it is all undefined and is subject to government acceptance. Please provide the acceptance criteria in the final RFP for this effort. Will it be better defined or will it be changed to CPMF or T&M?

RESPONSE: The training section of the SOW will be revised to provide adequate definition to properly allow for FFP bidding.

QUESTION: Section 7.3 Page 43, Training. Can the Government provide subject “MNVR-developed training products” GFI to industry as part of Final RFP?

RESPONSE: No. MNVR training products do not yet exist, however GMR training products will be made available after contract award.

QUESTION: 7.3.2.1 Pg 45, New Equipment Training (NET). SOW requires development of a NET training course. NET is not referenced in section B of the draft RFP as a separate item number. Where should the cost of NET training be captured? Will a new CLIN be added for NET training?

RESPONSE: Yes, a new CLIN will be added.

QUESTION: 7.3.2.1 Pg 45 New Equipment Training (NET). SOW indicates Contractor will provide NET training to four (4) NET training teams to Government personnel. Is it the Government’s intent to conduct NET to units/installations with Government personnel (i.e. train-the-trainer)?

RESPONSE: Yes.

QUESTION: 7.3.2.2 Pg 46 IKP Training. For government furnished equipment (GFE) used as part of the MNVR solution set, will the government request the contractor to provide instruction on the GFE as part of the NET? Or will the government provide personnel to be NET trained who have previously been qualified on the GFE portions of the MNVR solution set?

RESPONSE: Training will not be requested on the GFE.

QUESTION: 7.5.3 Page 52 Copyright Release Statement for Commercial Manuals. Typically Commercial Manuals are developed exclusively private expense and copyright protected. A standard Limited Reproduction Copyright Release statement allows for the US Government to duplicate and distribute the manuals with all trademarks, patents, copyrights and export restrictions visible, for use by the US Government for a defined purpose. The contractor would retain all proprietary and intellectual property rights to the technical data. It is unclear why a release of this nature would be insufficient for the US Government purposes as you are seeking unlimited data rights to commercial manuals. Please clarify.

RESPONSE: Paragraph deleted.

QUESTION: Section 7.5.4.2 Page 53, Verification. All effort related to training is FFP yet it is all undefined and is subject to government acceptance. Please provide the acceptance criteria. Will it be better defined or will it be changed to CPFF or T&M?

RESPONSE: The training section of the SOW will be revised to provide adequate definition to properly allow for FFP bidding. Contract type will not change.

QUESTION: Section 8.1.1.1 Page 54, Commercial Aided Design (CAD) Drawings. Should “Commercial” be “Computer”?

RESPONSE: Yes, the SOW has been updated.

QUESTION: Section 8.1.1.2 Page 54, Parts List. Does “all components” mean the LRUs, and A-kit and B-kit items?

RESPONSE: Yes.

QUESTION: 8.1.2 Installation instructions and procedures (Page 55). The government is requesting vehicle installation instructions and procedures, which is beyond the scope of a radio procurement contract. This type of work is usually done by a third-party integrator. Please elaborate on the government’s intentions for conducting this work under the MNVR program. CDRL CLIN reference required. Appears to be CLIN 0700. Added N/A to APP CODE (8). Suggest removing verbiage indicating Government approval is required in order to reduce program cost. Suggest submittal date be restated to 180 days after host platforms are identified,

surveyed and space claim accepted vs. 90 days after contract award. Is it the Government's intent to be responsible for installation of the MNVR and not rely on Contractors to perform the work?

RESPONSE: CLIN references will be added to CDRL. Government approval will not be removed. Delivery dates will not be changed. The requirement is for the instructions/procedures only and does not include installation labor. It is not currently known which platforms may receive radios, however an updated list of possible host platforms will be provided in the PRD.

QUESTION: DID reference is not provided in Block 4. What DID is intended for A045?

RESPONSE: DI-QCIC-80511, CDRL has been updated.

PRD

QUESTION: Section 1.0 Paragraph 1.0 Scope. Definitions are provided for “shall,” “objective,” “may” and “can” with respect to requirements. “Will” is not defined with respect to requirements, yet it is used for several requirements (e.g., Paragraph 3.2.e). Please clarify whether requirements prefaced with “will” are considered minimum requirements.

RESPONSE: “Will” statements will be revised in the updated PRD.

QUESTION: Section 2.1.2.1 Federal Standards. FIPS 180-2 is not found at the provided hotlink and it appears to have been removed from the NIST web site and replaced with FIPS 180-3.

RESPONSE: Reference deleted.

QUESTION: Section 3.1.3 JTR Set Interfaces. Is the JTR Set required to support a Black Ethernet interface, or just Red Ethernet?

RESPONSE: Both Red and Black.

QUESTION: Section 3.1.3 JTR Set Interfaces. Can the Government provide a list of host equipment to which the JTR Set must interface, including ICDs describing said interfaces?

RESPONSE: No. The PRD has been updated to provide a data and voice interface. The list of host equipment has been removed.

QUESTION: 3.1.3h/I JTR Set Interfaces. What is the maximum required sample rate? Please elaborate on the intent of this AGC control objective.

RESPONSE: 3.1.3h and 3.1.3i together are needed to be compatible with a future JTRS CREW Interoperability (JCI) solution. The sample rate should at least satisfy the Nyquist rate for the bandwidth of the data being exposed.

The intent of the AGC control is to allow the external functional module to operate the AGC as needed. At a minimum, the AGC needs to accept requests from the module to turn the gain up and down. The PRD has been updated accordingly.

QUESTION: Paragraph 3.1.4 CREW interoperability is a key requirement. Shouldn't it be a "shall" in the PRD, along with dynamic spectrum access (DSA) requirements? Please expand on the requirement of simultaneously operating with CREW systems?

RESPONSE: The MNVR Set shall operate in conjunction with counter radio-controlled IED electronic warfare (CREW) devices. When operating in conjunction with CREW, MNVR performance (range and throughput) will be determined by the waveform in use, technical approach used to isolate the two capabilities, and operational parameters assigned to the CREW device. DSA is an implementation, Government makes no comment on how the requirement is filled. The PRD has been updated accordingly.

QUESTION: 3.2a Waveforms. Given that neither WNW nor SRW support plain text operations, what is meant by "non-secure" in the requirement?

RESPONSE: The MNVR Set shall support plain text operations to the best ability of the waveforms, if applicable.

QUESTION: Section 3.2 SRW Communications Range. The PRD specifies a minimum SRW communications range of 2 km, whereas the SRW communications range specification for a JTRS manpack radio is 10 km. Operationally, 2 km seems inadequate. Is the 2 km value correct?

RESPONSE: 2km is the correct value.

QUESTION: Section 3.2 Waveforms. Since 4.0.5x is not in the IR we assume that WNW 4.0.4.x is acceptable for demonstration and interoperability testing. Is this correct?

RESPONSE: No, WNW 4.0.5.1 is in the IR.

QUESTION: Section 3.2.2 Waveform Selection. Is use of the Software Loader Verifier (SLV) required, or can a contractor provide an equivalent loader? Is the government going to provide GFE SLVs? Are changes allowed to support the selected MNVR solution? Can a vendor provide a non-GMR based solution?

RESPONSE: Use of the software loader verifier appliqué and SLV interfaces are required, without changes. The Government is not going to provide GFE SLVs but will provide the ICD and software. Our intent is to provide this ICD and software on the CD to be provided upon request for the final RFP. The Government currently does not desire any other solutions.

QUESTION: Section 3.2. and Tables 3.2.1 through 3.2.8. We understand the threshold requirement for WNW to be 5 MHz bandwidth with modes 18, 19, 20. Is this correct?

RESPONSE: WNW 4.0.5.1 is the requirement. The PRD has been updated to clarify this.

QUESTION: We understand that additional modes of the 5 MHz bandwidth and all modes of the 1.2 MHz and 3 MHz bandwidths are objective. Is this correct?

RESPONSE: No. WNW 4.0.5.1 is the requirement. The PRD has been updated to clarify this.

QUESTION: Are the frequency bands called out in Tables 3.2.1 and 3.2.5 (225-450 MHz, 1350-1390 MHz and 1755-1850 MHz) the threshold requirement as implied by the wording of paragraph 3.2.c/d?

RESPONSE: No. The MNVR Set shall be capable of operating, continuously tuned from 225-450 and 1200-2000 MHz for channels operating WNW and SRW. The PRD has been updated to clarify this.

QUESTION: Are the frequency bands called out in paragraph 3.3.1.d (225-450 MHz and 1200-2000 MHz) the objective requirement?

RESPONSE: No. They are the threshold requirement. The PRD has been updated to clarify this.

QUESTION: Do the detailed WNW (Tables 3.2.1-3.2.4) and SRW (Table 3.2.5- 3.2.8) requirements apply to the 225-450 and 1200-2000 MHz frequency ranges as defined in Section 3.3.1.d of the PRD?

RESPONSE: No. The MNVR Set shall be capable of operating, continuously tuned from 225-450 and 1200-2000 MHz for channels operating WNW and SRW. The PRD has been updated to clarify this.

QUESTION: If not, what WNW and SRW performance (e.g. bandwidth) is required outside the frequency ranges defined in Tables 3.2.1 and 3.2.5?

RESPONSE: The MNVR Set shall be capable of operating, continuously tuned from 225-450 and 1200-2000 MHz for channels operating WNW and SRW. The PRD has been updated to clarify this.

QUESTION: Tables 3.2.1 and 3.2.5, and paragraph 3.2.c/d imply that the threshold requirement is for SRW to only operate in the UHF band and for WNW to only operate in L-band. Paragraph 3.3.1.d implies that the objective requirement is for SRW and WNW to operate in either UHF or L-Band. Is this correct?

RESPONSE: Yes.

QUESTION: In table 3.2.6, it appears only the message/minute rate of 375 is capable of handling a quality voice transmission, and that only one voice stream is capable in an entire net. This seems unreasonably low for a 40 node network. Furthermore, the low message completion rates stated are unsuitable for voice transmission. Are voice requirements included in these specifications?

RESPONSE: No. SRW voice requirements are in the SRW system performance specification. The MNVR Set shall provide secure and non-secure networked data communications using the JTRS Wideband Networking Waveform (WNW) 4.0.5.1. The MNVR Set shall provide secure and non-secure networked voice and data communications using the JTRS Soldier Radio Waveform (SRW) version 1.01.1C. The MNVR Set WNW performance shall be tested in accordance with tables 3.2.1 through 3.2.4. The MNVR Set SRW performance shall be tested in accordance with tables 3.2.5 through 3.2.8.

QUESTION: Section 3.3.1 Channel Configuration. Does it meet the threshold requirement to provide a single band amplifier on each channel (either a UHF or an L-band PA on each channel, allowing the government to select which PA pair for a given radio: U/U, U/L, L/L)? Is the objective requirement to provide dual-band PAs (UHF and L-Band) on each channel? Note there is significant impact on size, weight power and cost.

RESPONSE: Government makes no comment on how the 3.3.1 requirement is filled, however the size requirement specified in the PRD must be met.

QUESTION: 3.3.1d Channel Configuration. For a single channel, does the JTR Set have to be able to continuously tune in both identified RF bands (e.g., WNW instance operating at 400 MHz at time t1 and same WNW instance operating at 1500 MHz at time t2)?

RESPONSE: No, the PRD has been updated to clarify this.

QUESTION: 3.3.2a Channel Operation. Is the intent of this requirement to preclude performance degradation absent any waveform frequency use coordination? Suggest that this requirement be made consistent with the requirement 3.20 Co-site Mitigation, subparagraph c. which allows for 1.5 dB of degradation for waveforms operating in the same band separated in frequency by 10% (also see comment with respect to 3.20 where it is recommended that 10% be changed to 20% to allow for more SWaP optimized solutions.

RESPONSE: No. The MNVR Set shall be capable of operating on multiple channels simultaneously with no more than 1.5dB reduction in range for any operating waveforms with channel spacing of 20% or greater. The PRD has been updated to clarify this.

QUESTION: Section 3.4 Retransmission and Routing. Item (d) states, “Objective: WNW-WNW-SRW(data), WNW-SRW-SRW(data).” Please clarify whether this refers to a JTR Set configured with 2 2-channel radios or something else.

RESPONSE: Deleted.

QUESTION: Section 3.5 Network Management. Can Government make JENM Phase-1 (V1.0.2) ICD available for evaluation?

RESPONSE: Yes. Our intent is to provide this ICD on the CD to be provided upon request for the final RFP.

QUESTION: Will the USG modify JENM to support the MNVR?

RESPONSE: No.

QUESTION: Section 3.10.1.b. We assume this requirement refers to Figure 3.10.2. “Normalized Spectrum Mask for WNW BW Allocations”. If that is not the intent, please provide a reference to a specific paragraph number in a specific NTIA document.

RESPONSE: For each SRW Signal in Space (SiS) and allocated bandwidth, the RF energy applied to the antenna shall meet National Telecommunications and Information Administration standards emission limits apply to communication bandwidth less than plus or minus 5% of the fundamental channel frequency. For each WNW Signal in Space (SiS) and allocated bandwidth, the RF energy applied to the antenna shall be as specified in Figure 3.10.1. The PRD has been updated to clarify this.

QUESTION: Section 3.10.3 Tx Spurious. Relaxing this specification to -60 dBc would allow vendors to offer significantly more cost effective solutions. The requirement to be down -60 dBc with up to 5% offset is in conflict with the spectral mask of figure 10.3.2. Adjacent channel performance will be dominated by design details such as signal reconstruction in the DAC, non-linear amplifier distortion products, and frequency conversion spurs, none of which can be controlled with filtering within the 5% region. While such performance may be possible in commercial systems that are optimized for a narrow tuning range and a single application, such performance is impractical for a broad tuning range, flexible, software defined platform. In order to preserve the flexibility of the software defined platform in a SWAPC that is in line with the Government’s expectations, it is recommended that the mask of 10.3.2 be allowed to supersede the requirement of 3.10.3.b in the region within 5% of the carrier frequency.

RESPONSE: Deleted.

QUESTION: Section 3.11.1 Size. Paragraph 3.11.1.a states a total envelope dimension for the radio set, but then states that the radio set "...co-exist within the same area when two SINCGARS legacy radios are already present." Does this mean there is a threshold requirement to include two SINCGARS legacy radios in the same volume envelope with the MNVR radio set?

RESPONSE: Yes.

QUESTION: Section 3.11.1 of the PRD states that two SINCGARS legacy radios must coexist with the 2 channel MNVR offering within the AN/VRC-92 volume. What are the "SINCGARS legacy radios" (e.g. ESIP, JEM) and their system configurations (e.g. PAs)?

RESPONSE: The two channel MNVR Set including all ancillary couplers, amplifiers, sway space clearance, and installation mounts, shall not exceed a total envelope dimension of a typical SINCGARS AN/VRC-92F which consists of a Vehicle Adapter-Amplifier (VAA) measuring roughly 9"H x 16"W x 15"D and a separate PA/PA Mount measuring roughly 9"H x 5.8"W x 13.6"D; and co-exist within the same volume when two SINCGARS legacy ASIP radios are already present. These envelope dimensions shall not be combined. If designed as one contiguous unit the MNVR Set shall be limited to the envelope dimensions of the VAA. The PRD has been updated to clarify this.

QUESTION: What are the simultaneous Waveform requirements with and without SINCGARS in each vehicle type? Are two total channels adequate if each channel can do Wideband (SRW & WNW) and SINCGARS?

RESPONSE: The SINCGARS waveform is not a threshold requirement. The requirement is for two channels. The PRD has been updated to clarify this.

QUESTION: Please clarify the footprint requirement of the 2-Channel MNVR. Is the 2-Channel MNVR required to fit into the same AN/VRC-92 footprint populated with the two each legacy SINCGARS R/T's, Power Amplifiers and INC.? Please clarify whether all 4-channels (including the GFE SINCGARS channels) need to be amplified to 50Ws in the required footprint.

RESPONSE: Yes. Existing SINCGARs performance cannot be impacted. The two channel MNVR Set including all ancillary couplers, amplifiers, sway space clearance, and installation mounts, shall not exceed a total envelope dimension of a typical SINCGARS AN/VRC-92F which consists of a Vehicle Adapter-Amplifier (VAA) measuring roughly 9”H x 16”W x 15”D and a separate PA/PA Mount measuring roughly 9”H x 5.8”W x 13.6”D; and co-exist within the same volume when two SINCGARS legacy ASIP radios are already present. These envelope dimensions shall not be combined. If designed as one contiguous unit the MNVR Set shall be limited to the envelope dimensions of the VAA. The PRD has been updated to clarify this.

QUESTION: Section 3.15 Page 17, Section 3.15 Information Security. Per NSA policy, standard radio products require a compliant version of HAIPE, how can a Contractor use a non compliant version of HAIPE and not put the product certification at risk? Note: A standard version of HAIPE will not interoperate with a non-standard version that is currently implemented on GMR.

RESPONSE: HAIPE that is part of WNW 4.0.5.1 is undergoing NSA certification on GMR to reduce risks of MNVR certification.

QUESTION: Section 3.15.1. Requirement to process voice and/or data up to Top Secret conflicts with SOW section 2.2 to secure information up to Secret. Section 3.15.1 requires a TOP SECRET level NSA certification. Section 2.2 of SOW requires a SECRET level NSA certification. Please confirm the requirement to be TOP SECRET.

RESPONSE: Up to SECRET is required, the PRD has been corrected to be consistent with the SOW.

QUESTION: Section 3.15.x. There are many requirements that specifically address the IASRD security requirements. If our product has already been certified using the JTRS UIC, can we assume it is acceptable to use the JTRS UIC in place of IASRD?

RESPONSE: No.

QUESTION: Section 3.15.3.1 Page 18, line 254, 3.15.3.1 Key Management. Mandating that a product achieve compliance to NSA MD10 via a specific method could add cost to a vendor’s solution without adding value. Since meeting 3.15.3 already requires that the Set be compliant to NSA MD10 and be capable of accepting encrypted or unencrypted keys, it is suggested that this requirement be made an objective or allow alternate NSA-approved solutions.

RESPONSE: MD10 reference deleted, but all keys shall be capable of being loaded as encrypted or unencrypted. The MNVR Set shall be compliant with the JPEO JTRS Joint Tactical Radio Key Encryption Key Standard.

QUESTION: Section 3.15.3.2 Page 18, line 258, 3.15.3.2 Key Handling and Storage. It is unclear whether the text following the requirement “The JTR Set shall support both unencrypted and encrypted key loads for all waveform keys” is actually part of the requirement or only a set of informative statements. If a solution is capable of satisfying the requirement of supporting both unencrypted and encrypted key loads per the requirements set forth in 3.15.3, then specifying additional standards as methods for achieving compliance seems unnecessary. Suggest that this requirement be subsumed by 3.15.3.

RESPONSE: The MNVR Set shall support both unencrypted and encrypted key loads for all waveform keys. The full text of the paragraph is a requirement.

QUESTION: Section 3.15.3.2 Page 18, line 272, 3.15.3.2 Key Handling and Storage. Keys are generally associated to waveforms via channel presets downloaded as part of the channel configurations via the Set loader; this avoids the confusion of incorrectly associating keys with waveforms. In order to preserve this paradigm and prevent operational errors, it is suggested that requirement be reworded to have keys associated to waveforms/channels through JTR Set presets. If an option to manually associate keys to waveforms is still desired, it can be added as an objective.

RESPONSE: The MNVR shall provide means for keys to be associated to waveforms /channels through JTR Set presets. It is an objective that the HMI shall provide the operator the ability to associate keys to waveforms/channels. The PRD has been updated to clarify this.

QUESTION: Section 3.15.3.2 Page 18, line 273, 3.15.3.2 Key Handling and Storage. The amount of information a radio operator must ingest continues to increase with an attendant increase in complexity of waveforms and equipment. To avoid adding to this load, it is suggested that events such as key rollover be transparent to the operator. If a communications fault occurs, current requirements ensure the operator is notified. A query is sufficient to determine the current key in use. It is suggested that this requirement be altered to change automatic notification to the ability to query the Set channels for current key status.

RESPONSE: The HMI shall notify the operator prior to automatic key rollover and immediately after rollover has occurred when this functionality is provided by the implemented waveform.

QUESTION: Section 3.15.3.4.j Page 19, Plain text usage on zeroized channels. The SRW waveform does not permit plain text operation. It is our belief that neither does WNW. Is this correct? We would suggest deletion of this sub-paragraph.

RESPONSE: Performing any zeroize operation/ function on a channel shall not preclude the operation of any plain text on other channels. The PRD has been updated to clarify this.

QUESTION: 3.16.14.5 Pg. 22, Directed Energy. Should the “shall” statement be interpreted as being a non-requirement since it is qualified by the preceding Directed Energy Threat “objective” statement?

RESPONSE: It is a requirement of the objective. It is not a threshold requirement.

QUESTION: Section 3.17.2. 500 watts is surprisingly high for a lower limit of power consumption. Should the starting limit be 200 watts?

RESPONSE: No, most power limited vehicles have 400-500 watts available for radio consumption.

QUESTION: 3.18.1 Pg. 24, JTR Set. Do the requirements dictate that one control/display device be provided per channel or is it acceptable to provide a single local control display device?

RESPONSE: One single local control display device is acceptable. The PRD has been updated to clarify this.

QUESTION: Section 3.20 Co-site Mitigation and Wideband RF Performance. Achieving co-site performance with 10% channel spacing, particularly in the UHF band, is a very stringent requirement that has significant impact on size, weight, power and cost, not

consistent with the goals of the MNVR program. We recommend the channel spacing requirement be increased to 20% in subparagraph c. Is this acceptable?

RESPONSE: The MNVR Set shall be capable of operating on multiple channels simultaneously with no more than 1.5dB reduction in range for any operating waveforms with channel spacing of 20% or greater. The PRD has been updated to clarify this.

QUESTION: Tables 3.20.1 and 3.20.2 are not referred to in the text of the document anywhere. It also appears that the term “CW” should be removed from the title in column three. Please clarify paragraph 3.20 Cosite Mitigation and Wideband RF performance and its associated tables 3.20.1 and 3.20.2. The Cosite requirements lack the level of antenna isolation on the platform and transmit power of the link. Also, the table is not referenced within the paragraph and the table requirements are for interfering signals less than 10% away in most cases while the paragraph refers to cases where the interfering signal is greater than 10% away.

RESPONSE: The MNVR Set shall meet the wideband RF performance listed in Table 3.20.1 and 3.20.2. The minimum hardware bandwidth refers to selectivity by RF filters, the desired informational bandwidth is selectivity of both RF filtering and digital signal processing, and the required C/N is measured within the informational bandwidth. The PRD has been updated to clarify this.

QUESTION: Section 4.7 Page 38, Section 4.7 Qualification Testing. Reference is made to Group A, B, C and D Inspection for each production lot, but the requirements for each group are not defined. Please define each requirement for Group A – D Inspections.

RESPONSE: Deleted.

QUESTION: Section 4.7 Page 38, Table 4.1 MNVR Verification Cross Reference Matrix. Which of the requirements of Paragraph 3.2 (a-f) Waveforms are verified by Test, and which are verified by Demonstration?

RESPONSE: a-b Demonstrate, c-f Test. The PRD has been updated to clarify this.

RFP

Section B

QUESTION: What is the mix of vehicle types or percentage of vehicles of each type to be priced? One method would be to have a separate range table for each vehicle type requested.

RESPONSE: The mix of vehicles cannot be predicted at this time. Hence the need for an IDIQ acquisition.

QUESTION: Within the Stepladder Pricing Structure, does the extension of the effective ordering period via a subsequent order within 45 days to the previous order apply only to the initial order or to all subsequent orders?

RESPONSE: Each order stands alone unless it is followed by a subsequent order within 45 days.

QUESTION: CLIN 0100 Page 2 MNVR Kit. Request that CLIN description references compliance to the PRD rather than calling a limited subset of requirements (ex. WNW). Would the USG consider adding CLINs for all waveforms?

RESPONSE: No.

QUESTION: CLINs 0400 0401 Page 3. Are these CLINS for extended warranty beyond the one-year warranty coverage required by SOW Paragraph 5.1.4 (page 30)?

RESPONSE: SOW paragraph deleted.

QUESTION: 5252.216-9200 Page 8 Payment of Fixed Fee. This clause is self described as applicable ONLY to Completion type efforts. In the DRFP this clause is identified as applicable to CLINs 0500 – 0504; but 5252.216-9213 on page 22 would indicate that both CPFF Completion and CPFF LOE Task Orders may be issued. Is it intended that these CLINs will be CPFF Completion CLINs?

If so, we do not believe that the scope of work required by these CLINs and set forth in the RFP is sufficiently determinate as to support a fair comparison of competing offers.

RESPONSE: Currently only Term CPFF orders are anticipated, but there is no reason to exclude completion orders if needed.

QUESTION: Table 1, Pages 11-13 Pricing for MNVR Sets, 1-Year & 2-Year Warranty. Will step-ladder pricing tables be incorporated into actual Section B CLIN Structure?

RESPONSE: The stepladder pricing tables will remain in Section B and may also be added to the individual CLINs.

Section C

QUESTION: Page 14, Sec. C. Descriptions and Specifications Items 0300 – 0302. We assume all the CDRL items in Exhibit A (A001 – A045) will be mapped to CLINs 0300 – 0302 so that cost associated with those CDRLs can be bid in the appropriate CLIN. Is this correct?

RESPONSE: CDRLs will be mapped to CLINs 0900 and 0901 for FFP and CPFF line items.

QUESTION: Page 15, Sec. C. Descriptions and Specifications Items 0901. We could not find Exhibit B in the draft RFP documents. Can the government provide a draft of Exhibit B? Will CDRLs in Exhibit B be mapped to CLINs 0300 – 0302 for the purpose of bidding their associated costs in those CLINs?

RESPONSE: CDRLs will be mapped to CLINs 0900 and 0901 for FFP and CPFF line items.

Section F

QUESTION: Page 19, Period for Placement of Orders. How is the ordering period being counted? That is, if an award is made on March 15, 2013, is 24 months to March 15 or March 31, 2015?

RESPONSE: March 15.

QUESTION: Delivery Info, Page 19, CLINs 0100, 0200,0300, 0310, 0302. Will the formal RFP provide firm delivery rate requirements?

RESPONSE: No.

Section G

QUESTION: Page 21. Liquidated Damages clause. Please define the term “supplies”, is it for all CLINs in the contract or is it limited to CLIN 0001?

RESPONSE: The term is defined in the FAR. The clause applies to CLIN 0100.

QUESTION: Page 22, Type of Contract (DEC 1999) Will this be updated to reflect both contract types that will fall under the prime contract number (FFP & CPFF).

RESPONSE: Yes.

Section H

QUESTION: Page 27, H-1 Delivery Incentive Clause. This appears to be a typo in the incentive percentages, .025 % used vs. 0.25%, .05% used vs. 0.5%.

RESPONSE: Yes, the typo has been corrected as noted above.

QUESTION: Page 33, Segregation of Costs (DEC 2003). FFP CLINs will be invoiced at the CLIN unit price so we presume this has been included for the Cost Plus work. Is that correct?

RESPONSE: Yes.

QUESTION: Page 50, Warranty of Supplies of a Complex Nature (MAY 2001). What CLIN (product/service) does this apply to?

RESPONSE: Clause deleted.

QUESTION: Page 51, Warranty of Systems and Equipment under Performance Specifications or Design Criteria (MAY 2001). What CLIN (product/service) does this apply to?

RESPONSE: The Warranty CLINs.

QUESTION: Page 59, Earned Value Management System (MAY 2011). “Since application of EVM on FFP contracts and agreements is discouraged” (paragraph 2.2.3.7 from Government Earned Value Management Implementation Guide) and EVM would have no application for the type of CPFF work (services work) to be performed, what would be tracked under earned value? We recommend deleting this clause.

RESPONSE: EVM applies to services. The clause will remain.

QUESTION: Page 6. Shows a Maximum of 1 hour Test Support; however, the table in Clause 5252.216-9219 shows a Minimum of 1 hour and a Maximum of 10,000 hours. Which is correct?

RESPONSE: Neither. MIN/MAX removed.

QUESTION: Page 9. Table shows a minimum of 0 Each 2 Channel Radio Set Warranty (2 Years) for CLIN 0401; Section L, Volume II – Cost/Price Proposal table on page 84 shows a minimum of 672 Sets for CLIN 0401. Table shows a minimum of 0 Each 2 Channel Radio Set Warranty (2 Years) for CLIN 0401; Section L, Volume II – Cost/Price Proposal table on page 84 shows a minimum of 672 Sets for CLIN 0401. Which is correct?

RESPONSE: Page 84 table removed.

QUESTION: Page 9. Table shows a maximum of 50 IKP Training Courses for CLIN 0803; Section L, Volume II – Cost/Price Proposal table on page 84 shows a maximum of 503 Courses for CLIN 0803. Which is correct?

RESPONSE: Both tables removed.

Section I

QUESTION: Clauses Incorporated by Full Text Page 59, DFARS 252.234-7002, Earned Value Management System. In accordance with DFARS 234.201, it is our understanding that EVM application is for cost or incentive contracts valued at \$20M or more and is discouraged for FFP contracts. Does this requirement apply only to the CPFF CLINs?

RESPONSE: Yes.

Section L

QUESTION: L-8, Paragraph 1, Page 77 of 98 – Solicitation Overview. How do Offerors get access to the vehicles to do complete design prior to proposal submission? What is the Government’s plan to give Offerors access to vehicles prior to proposal submission?

RESPONSE: The government does not intend to provide access to vehicles prior to proposal submission.

QUESTION: L-8, Paragraph 1..1.2, Page 77 of 98 – Source Selection Performance Demonstration (SSPD). The list of vehicles is different from the list in the RFP (Page 79 of 98, paragraph 1.1.2). Based on the Order of Precedence (RFP page 15), the instructions in Section L, paragraph 1.1.2 have precedence over the PRD. Does the list of vehicles in the RFP Section L 1.1.2 have precedence over the list in the PRD?

RESPONSE: The Section L list of vehicles are the potential platforms that may be used in the SSPD and are provided for planning purposes . Note the word “may” in the sentence. The list of potential vehicles in the PRD is the contractual requirement.

QUESTION: L-8, Paragraph 1, Page 77-78 of 98 – Electronic Proposal, part b.2. Government asks for a “self-extracting file entitled ‘PROPOSAL.EXE’ using WinZip version 11.2 or greater.” Did the Government mean to say “PROPOSAL.ZIP”?

RESPONSE: No, the file should be a self-extracting file.

QUESTION: Section 1..1.2, Page 79, Section 1..1.2 Source Selection Performance Demonstration (SSPD). (See also PRD Page 6, Section 3.2 Waveforms). (See also Sec. M, Page 94, Factor 4 Overview). Paragraph four (4) states “Offeror’s systems shall be required to interoperate with the GMR running WNW...”. Since 4.0.5x is not in the IR we assume that WNW 4.0.4.x is acceptable for demonstration and interoperability testing. Is this correct?

RESPONSE: 4.0.5.1 is now in the IR.

QUESTION: Page 79, Source Selection Performance Demonstration (SSPD). What specific entry criteria will be utilized for inclusion to the Source Selection Performance Demonstration (SSPD)? Please identify the objective criteria that will be used to evaluate a bidders Source Selection Performance Demonstration for purposes of Section M scoring. Will the USG provide fully-functional GMR hardware and fully-interoperable, build-able WNW software as GFE/GFI to vendor for extended interoperability?

RESPONSE: All necessary criteria are provided in the RFP. No GFE/GFI will be provided, except for what is identified in the RFP.

QUESTION: Page 79 On-Site Assessment. What specific entry criteria will be utilized for acceptance to the On-Site Assessment? Please identify the objective criteria that will be used to evaluate the functionality and capability of an offer for purposes of Section M scoring.

RESPONSE: All necessary criteria are provided in the RFP.

QUESTION: Section L. L-8 1.1.2, Page 79, paragraph 4. Will a WNW Network Manager tool be available to offerors prior to June 2012?

RESPONSE: No GFE/GFI will be provided, except for what is identified in the RFP.

QUESTION: Page 80, Government Lab Test. What specific entry criteria will be utilized for acceptance to the Government Lab Test? Please identify the objective criteria that will be used to evaluate a bidders Government Lab Test for purposes of Section M scoring. Please advise whether the USG will fund the delivery of the 3 production representative systems.

RESPONSE: All necessary criteria are provided in the RFP. No government funds will be provided for shipping or procurement of the production representative systems.

QUESTION: Page 80, System Maturity. What criteria will the USG utilize to determine whether an offered system meets TRL 6 requirements.

RESPONSE: All necessary criteria are provided in the RFP.

QUESTION: Page 81, Past Performance. Will the USG provide a template of desired past performance information? Given the NDI nature of this procurement coupled with the fact that most commercial supplier agreements are protected by Non Disclosure Agreements (NDA) prohibiting disclosure of proprietary information to other parties, we request that the “past performance information for subcontractors (second tier and vendors included)” be deleted.

RESPONSE: All necessary criteria are provided in the RFP. The Government does not require release of proprietary information for past performance. Furthermore, if the subcontractors do not desire to provide their past performance information to the prime contractor for bidding purposes due to NDA issues, the subcontractors do have the option to provide their past performance information directly to the Government, similar to the process of the subcontractors providing their pricing proposals directly to the Government.

QUESTION: Section L. L-8. 1..1.7.a, Page 81. L-8. 1..1.7.a Past Performance. Can the government provide additional clarification as to what constitutes “major or critical” elements of the contract performed by subcontractors or vendors? How many past performance descriptions must be provided for each such subcontractor or vendor?

RESPONSE: All necessary criteria are provided in the RFP.

QUESTION: L-8, Paragraph 1, CLIN 0100, Page 84 of 98 – VOLUME II – COST/PRICE PROPOSAL , part (b). The matrix of data to be provided by CLIN states for CLIN 0100, “a minimum quantity of 219 sets and a maximum quantity of 2,500 sets. Will the Government be specifying the types and quantities of spares for this table or is the Contractor to provide our suggested set of spares and associated costs?

RESPONSE: Suggested sparing is to be proposed by the contractor.

QUESTION: L-8, Paragraph 1, CLIN 0200, Page 84 of 98 – VOLUME II – COST/PRICE PROPOSAL , part (b). The matrix of data to be provided by CLIN states for CLIN 0200, “To Be Established.” Will the Government be specifying the types and quantities of spares for this table or is the Contractor to provide our suggested set of spares and associated costs?

RESPONSE:

Suggested sparing is to be proposed by the contractor. The Section L table has been deleted.

QUESTION: Page 84, COST/PRICE PROPOSAL. The description of CLINs 0300 – 0302 set forth here would appear to suggest that the scope of the GPLR desired is limited to that necessary for maintenance of the hardware and software. Is this correct? CLINs 0500 – 0504 are identified as “TBP” which we assume to mean “To Be Proposed”. However, unless it is intended that these CLINs be priced on a Level of Effort basis; we do not believe that there is sufficient specificity and completion criteria in the Government’s requirements to warrant a CPFF completion type effort. Alternatively, if it is intended that these CLINs be performed on a CPFF Level of Effort basis, we would expect the Government to provide an estimated level of effort for purposes of fairly comparing offers.

RESPONSE: The entire table in this section is deleted. The TDP is described in the CDRL. The license should be for full Government Purpose Rights (GPR). The government does not intend to estimate LOE.

QUESTION: Section L. L-8, Page 86. “Part III – Sample Task Order Pricing”. Will the government provide a draft of the sample task order prior to release of the final RFP?

RESPONSE: No. Sample Task Order language will be removed from the RFP.

QUESTION: Part II – FAR 52.215-20, Page 86, Section (4). Why, to determine cost realism, is detailed cost information on labor rates, fringe benefits, overhead, etc being requested?

RESPONSE: Detailed cost information on all of the above is required to perform a complete cost realism analysis. The contractor is responsible for ensuring that their Cost Proposal is sufficiently clear and adequately supported to enable the Government to perform a complete cost realism analysis.

Section M

QUESTION: Page 88, (ii) Evaluation of Non-Price Factors. In order to move to Step 2 in the evaluation process an “Acceptable Rating” in Step 1 is required. Is an “Acceptable Rating” in Step 2 a requirement to move to Step 3?

RESPONSE: There may be a competitive range determination prior to Step 3. Please refer to the final RFP.

QUESTION: Page 90, Planned Performance Overview. Request that accelerated and increased delivery beyond the planned 900 units per year starting NLT 12 months ARO be afforded additional best value consideration. Can an objective requirement of 2500 units per year be incorporated into the RFP?

RESPONSE: No.

QUESTION: Page 93 in Section M-2 of the RFP requires a GMR interoperability evaluation at the Source Selection Performance Demonstration (SSPD). What level of GMR WNW interoperability (Red side, Black side or Both) is required?

RESPONSE: All necessary criteria are provided in the RFP.

QUESTION: Page 91. Scalability, and Page 94, Factor 4, Interoperability. Will a WNW Network Manager tool be available to offerors prior to June 2012?

RESPONSE: No GFE/GFI will be provided, except for what is identified in the RFP.

QUESTION: Page 94, Factor 4 Overview. Is use of the Software Loader Verifier (SLV) required, or can a contractor provide an equivalent loader?

RESPONSE: Use of the software loader verifier appliqué and SLV interfaces are required., as specified in the PRD.

QUESTION: Page 94, Government Lab Test. Sub-factor: Size and Power. We understand the requirement to mean that a bidders' 2-Channel MNVR system must meet the same footprint as a VRC-92 system (main tray plus external 50W PA tray). Please confirm.

RESPONSE: SWAP requirements are in the PRD.

QUESTION: Page 94, Factor 4 Overview. With respect to interoperability with a GMR, please see comment above in Sec. L page 79. Section M-2 of the RFP effectively states that cost/performance trades against threshold requirements are allowed. What is the weighting or priority of each non-price factor in the evaluation criteria?

RESPONSE: Weighting and priority are stated in Section M.

QUESTION: Page 97. (iv) Price Evaluation. With respect to the Total Evaluated Price, what is the number of radios the government plans to use for the Best Estimated Quantity (BEQ)?

RESPONSE: The BEQ of approximately 900 systems per year has been added to CLIN 0100 in Section B.

QUESTION: Page 97, Price Evaluation. Section M refers to Best Estimated Quantity (BEQ) from section L. However, Section L does not provide a formula or description of BEQ. Please clarify. The price analysis to be performed by the Government is described as consisting of “a price analysis of all Firm Fixed Price (FFP) CLINs, including all priced options, using *a variety of potential quantity scenarios...*” What is unclear is how this relates to/is consistent with the description of total evaluated price as being determined on the basis of proposed unit prices multiplied by “the Best Estimated Quantity”. Additionally, we note that while (iv)(a) makes reference to a Best Estimated Quantity (BEQ) in Section L; there is no BEQ specified in the draft version of Section L.

RESPONSE: The BEQ of approximately 900 systems per year has been added to CLIN 0100 in Section B.