

## 170 DMR 200W PA Q&A 19 June 2012

- Q1.)** Can an amplifier that is designed for use in military communication and EW applications that DOESN'T currently interface with the DMR system be sent in for review or will the fact that it doesn't have a working interface preclude a contractor from bidding? The overview document para 4 Test Plan would seem to state that unless a contractor has a functioning interface system, they cannot participate in the bid. Is that true? Is the fact that an amplifier is designed to carry all of the listed waveforms (and more) from just a carrier interface enough to qualify to go to the next level of bidding?
- A1.)** The interoperability test is intended to demonstrate some basic functionality including some interoperability with the DMR. Successful completion of the interoperability test provides a certificate of interoperability which is a mandatory requirement for further evaluation of the proposal, see Draft RFP N00039-12-R-0002, dated 11 June 2012, provision L-317.2. Yes, the lack of a working interface to DMR adequate to pass the interoperability test will effectively preclude you from bidding because the PA would not be eligible for the mandatory certificate of interoperability.
- Q2.)** Are only existing COTS designs from previous awards being considered?
- A2.)** No, this solicitation is not restricted to COTS design PA's from previous awards. Any PA is eligible for award in accordance with the RFP.
- Q3.)** If a contractor had an amplifier with less power that could do most of the communication amplification without the need for an interface (i.e. just carrier interfaced via the coax), would that be considered as suitable for a supplier qualification? Would a tactical communications amplifier that has been used in vehicle applications for nearly 10 years and is JTTC certified for use with the PSC5-D and PRC 117F &G Radio system be considered?
- A3.)** For both questions; as long as it passed the mandatory interoperability test, it would be eligible for award.
- Q4.)** How much time is there for a company to finalize the development of the new product. When do first shipments have to be made?
- A4.)** Per provision L-317.3 of the Draft RFP N00039-12-R-0002, dated 11 June 2012, the product must be fully compliant with the respective specification at the time of proposal submission. Estimated deadline for proposal submission is 31 August 2012. Per Draft RFP N00039-12-R-0002, dated 11 June 2012, provision 52.211-8 TIME OF DELIVERY; Deliveries shall commence no later than one (1) year after date of contract award at a rate of not less than 10 each per month. Subsequent deliveries shall be made every 30 calendars days at a rate of not less than 10 each per

month until complete. Orders for a quantity less than 10 each shall be delivered complete within one (1) year after date of contract award. Estimated date of contract award is 15 December 2012.

- Q5.)** In Q3 of the Q&A paper dated 5th June 2012 it states that "these amps can be used with or without tuners and/or filters, the interoperability test set up will have a 50 ohm nominal load". Does the statement "and/or filters" mean that the PA systems specification will not call out for harmonic rejection filters and that the purchase is only for a linear power amplifier rather than a complete transceiver communications package which would normally include TR switches, Harmonic filters, bypass relays and Receiver path low noise amplifiers and co-site filtering?
- A5.)** The PA is embedded in a larger communications system. The functionality and performance of the PA is specified by the performance specifications and associated reference documents.
- Q6.)** The overview section states that a Shore Variant operates in the UHF SATCOM range. Would an existing 200W SATCOM DAMA approved amplifier for PSC5-D and PRC117F amplifier be considered for supplier qualification?
- A6.)** The interoperability test for the shore PA is less demanding than the test for the ship/sub PA. However, the shore PA interoperability test must still be passed and an interoperability certificate issued for the shore PA to be evaluated for award.
- Q7.)** Will the RFP include FAR 52.232-32 Performance-Based Payments?
- A7.)** No, the RFP includes FAR 52.232-16 Progress Payments, see Section I.