



Frequently Asked Questions

Rock Island Arsenal Modernization Program

The Rock Island Arsenal Modernization Program aims to assess, develop, pilot, and implement a common set of processes and tools to modernize legacy manufacturing and maintenance facilities using the Joint Manufacturing and Technology Center (JMTC) at Rock Island Arsenal (RIA) as a surrogate.

GENERAL QUESTIONS

Question: What is the evaluation criteria?

Answer: See the "Evaluation Criteria" section in the RFQ.

Question: Should I only include preapproved DoD hardware?

Answer: It is encouraged to make every effort to use preapproved DoD hardware and software first. Additional hardware and software is acceptable and but will need to go through DoD approval process.

Question: Does DoD approval affect the period of performance?

Answer: PoP will be extended if necessary to accommodate DoD approval cycles.

Question: Can we refine the quotation if downselected?

Answer: There will be an opportunity for downselected companies/teams to visit the Rock Island Arsenal - JMTC and refine the quotation prior to contracting.

Question: Will there be MxD engineering involvement?

Answer: MxD engineering will oversee work to answer questions, identify risks, and propose options to ensure project success. However, MxD will not directly participate in engineering activities done by the contractor.

Question: Is the program funding level-loaded between projects?

Answer: No. Funding is based on individual project scope.



Question: Can multiple options be quoted?

Answer: Yes, and it is encouraged. Be sure to itemize pros/cons/pricing for each option.

Question: Is there a template for responding to the RFQ?

Answer: No. Please read the RFQ carefully to ensure all expected information is being included: a line-item breakdown of costs, document and an explanation of all assumptions, including requirements verification cross reference matrix and a Gantt chart.

Question: Would MxD connect/team companies if they have similar proposals?

Answer: No. MxD is looking for existing solutions that just need to be tailored to this application. If a team wants to connect to other companies in the MxD ecosystem prior to RFQ submission we can connect you to our Engagement team.

Question: Can team members work out of MxD if needed/wanted?

Answer: Only if you are a member. Please contact corporate.events@mxdusa.org for rates and availability.

Question: Can one response be submitted for all projects or do separate responses need to be sent in for each project?

Answer: Separate responses must be provided for each RFQ/project.

Question: Do companies need cost justification letters?

Answer: Companies must include a line-item breakdown of costs; costs should be reasonable relative to current market rates and must adhere to any federal government guidelines. Costs that will continue after the end of the PoP, such as software as a service costs, must be noted in the proposal.

Question: Do you need an excel budget, like the TIA projects?

Answer: No template required - contractor format acceptable. Expenses should be itemized for clarity.

Question: Can we post an example VCRM?

Answer: To included how requirements will be verified, when and by whom
https://ops.fhwa.dot.gov/publications/tptms/handbook/app_a.htm

PROJECT 21-36-01

Question: How many CNCs are involved?

Answer: Up to 5 CNCs.

Question: Is Bluetooth or other wireless protocols acceptable?



Answer: No. Assume all hardwired connections. Wi-Fi and 5G are in scope of the program but may not be available in time for this project.

Question: Are the communication capabilities or protocols of the machines known?

Answer: Not at this time. Assume worst case and state assumptions in your response.

PROJECT 21-36-02

PROJECT 21-36-03

PROJECT 21-36-04

Question: Will information need to interface with other systems?

Answer: It is desired that inspection result input into RIA quality forms can be automated. Custom script / APIs may be required.

Question: Can alternate technologies be proposed such as scanning?

Answer: Yes, and it is encouraged. Be sure to itemize pros/cons/pricing.

PROJECT 21-36-05

Question: Is the 5G System Indoor/Outdoor/or both?

Answer: Indoor only.

Question: Can RIA equipment (e.g., servers) be used?

Answer: Assume there is nothing available. Include all hardware and software in quotation.

Question: Is O-RAN a requirement?

Answer: O-RAN is desired, but quote based on equipment availability.

Question: Is location required?

Answer: Location is desired, but it is understood that there may be limitations based on equipment availability.

Question: What are location use cases?

Answer: Finding portable equipment and tracing most used fork truck routes.



Question: Details of ongoing maintenance?

Answer: No remote access. Assume on-site service only. Service to include software patches and hardware reliability.

Question: What does the Rock Island Arsenal facility landscape look like?

Answer: High ceilings, approx. 50 feet. Mostly open spaces with a lot of machinery. Several second-floor mezzanines.

Question: Is Bluetooth allowed?

Answer: No Bluetooth allowed.

Question: Is remote access and maintenance available?

Answer: No. There is no internet or cloud access. All software and control are on premises.

PROJECT 21-36-06

PROJECT 21-36-07

PROJECT 21-36-08