

UNCLAS: Dist A Approved for public release
Market Survey Questionnaire
for
M12A1 Diesel Engine Driven (DED), Engine Replacement

GENERAL INFORMATION: The U.S. Government appreciates the time and effort taken to respond to this survey. The U.S. Government acknowledges its obligations under 18 U.S.C. §1905 to protect information qualifying as “confidential” under this statute. [To avoid possible confusion with the meaning of the term “confidential” in the context of Classified Information,” we will use the term “PROPRIETARY.”] Pursuant to this statute, the U.S. Government is willing to accept any trade secret or PROPRIETARY restrictions placed on qualifying data forwarded in response to the survey questions and to protect it from unauthorized disclosure subject to the following:

1. Clearly and conspicuously mark qualifying data with the restrictive legend (all caps) “PROPRIETARY” with any explanatory text, so that the U.S. Government is clearly notified of what data needs to be appropriately protected.
2. In marking such data, please take care to mark only those portions of the data or materials that are truly confidential (over breadth in marking inappropriate data as “PROPRIETARY” may diminish or eliminate the usefulness of your response - see item 6 below). Use circling, underscoring, highlighting or any other appropriate means to indicate those portions of a single page which are to be protected.
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4. Confidential data transmitted electronically, whether by physical media or not, whether by the respondent or by the U.S. Government, shall contain the “PROPRIETARY” legend, with any explanatory text, on both the cover of the transmittal e-mail and at the beginning of the file itself. Where appropriate for only portions of an electronic file, use the restrictive legends ‘PROPRIETARY PORTION BEGINS:” and “PROPRIETARY PORTION ENDS.”
5. In any reproductions of technical data or any portions thereof subject to asserted restrictions, the U.S. Government shall also reproduce the asserted restriction legend and any explanatory text.
6. The U.S. Government sometimes uses support contractors in evaluating responses. Consequently, responses that contain confidential information may receive only limited or no consideration since the Respondent’s marking of data as “PROPRIETARY” will preclude disclosure of same outside the U.S. Government and therefore will preclude disclosure to these support contractors assisting the evaluation effort. The U.S. Government will use its best efforts to evaluate those responses that contain confidential information without using support contractors consistent with the resources available.

DESCRIPTION OF INTENT:

No contract will be awarded from this announcement. This is not a Request for Proposal (RFP) or an announcement of a forthcoming solicitation. Also, it is not a request seeking contractors interested in being placed on a solicitation mailing list. Response to this questionnaire is voluntary and no reimbursement will be made for any costs associated with providing information in response to the market survey and any follow-on information requests. Data submitted in response to this market survey will not be returned. No solicitation document exists at this time, and calls requesting a solicitation will not be answered.

PERFORMANCE REQUIREMENT:

The purpose of this market survey questionnaire is to obtain information on commercial industry capability to satisfy U.S. Army requirements for a replacement diesel engine for the M12A1 Diesel Engine Driven (DED).

1. Description: M12A1 DED, Engine Replacement

The M12A1 DED is a large scale decontamination system that is powered by a 24 volt diesel engine.

Mission:

The M12A1 DED sprays decontaminating materials, fights fires with water or foam, de-ices, cleans vehicles, pumps various fluids, and showers personnel.

2. Users: Department of Army

3. Capabilities:

- The engine shall be diesel powered
- The engine should be at least 17.7 hp at 3600 rpm
- The engine should start and operate at temperatures between -25°F to + 120°F.
- The engine should be capable of storage between -50°F to + 160°F.
- The engine should not generate a noise level greater than 85 db at a distance of 30 ft.
- The oil and air filters shall be disposable.
- The engine speed shall be adjustable from 2600±100 rpm to 3600±100 rpm.
- The engine shall be air cooled.
- The engine shall not exceed 20" Wide, 20" tall and 20" long (flywheel to the crankshaft).
- The engine electrical system shall be 24 volts.
- The engine shall have an electric starter.

INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE:

1. Number each response with the appropriate question number.
2. You do not have to repeat the question in your response.
3. If you cannot answer the question, please indicate "No Response."
4. If a response will satisfy another question, state: "See response to question XX."
5. Include relevant sales media and product manuals. If providing an ACROBAT formatted manual, annotate the manual to indicate which material is applicable to the questions. If preferred, include Internet Web links to locations where animations/videos may be viewed.
6. If your sales media and/or manuals contain a restricted distribution statement, issue a release statement indicating that the restricted material may be distributed to Army personnel involved with this Market Survey.
7. Spell out any acronyms in their first instance.
8. Clearly mark any proprietary information. If applicable the front page of your response package should state "Proprietary Information Contained." Provide a release statement indicating that the proprietary information may distributed to Army personnel involved with this Market Survey.

A. GENERAL

1. Manufacturer

- a. Name:
- b. Mailing Address:
- c. CAGE Code (if any):
- d. Website:

2. Personnel Responding to Questionnaire

- a. Name:
- b. Title:
- c. Company Responsibility/Position:
- d. Telephone/Fax Numbers:
- e. E-Mail Address:

3. Please check YES or NO for each of the following (DO NOT SKIP ANY). Is your firm a:

- a. Small Business: YES ___ NO ___
- b. Small Disadvantaged Business: YES ___ NO ___
- c. Woman Owned Small Business: YES ___ NO ___
- d. HUBZone Certified Small Business: YES ___ NO ___
- e. Veteran-Owned Small business: YES ___ NO ___
- f. Service-Disabled Veteran-Owned Small Business: YES ___ NO ___

4. Is your firm currently certified by SBA as an 8(a) concern? YES ___ NO ___

If Yes, please give us the name of your Minority Enterprise Development (MED) Specialist along with address information:

- MED Specialist:
- SBA District Office address:
- Graduation Date:

B. PRODUCTION CONSIDERATION

1. Describe your process/procedures for new product realization (i.e. what steps you take to successfully manufacture a product that you have not manufactured before).

i. Diesel Engine

1. Have you ever manufactured a diesel engine; explain what engines you have produced and when was the last time you were in production?

Part Description (List Information about engines you have produced)

- a. Horsepower ratings?
- b. Emissions compliance?
- c. Maintainability (i.e. spare parts)?

2. Who has purchased your diesel engines? Provide explanation.

- a. In what quantities?
- b. Over what time period?
- c. How many units have been produced in the current configuration?
- d. Have you produced any engines for the military?

3. What is the production lead-time after receipt of an order (days)?

4. What is your production capability (e.g. how many engines are you capable of producing per week, per month?)
5. What is the approximate cost of your diesel engine? Please include any bulk pricing breakdowns.
6. If you have produced diesel engines, what was the extent of product test performed on the engine, for example, temperature extremes and longevity? Please provide any test data.
7. What is the hourly rate of fuel consumption?
8. Do you currently have a rebuild program for your engines?
9. Do you offer spare parts?

C. PERFORMANCE CONSIDERATIONS

Describe your capability to produce a diesel engine.

D. PACKAGING

Describe your company's experience with understanding and satisfying "military packaging" requirements such as MIL-STD-129, Revision P with the addition of special packaging requirements.

E. ENVIRONMENTAL

Does your engine meet United States Environmental Protection Agency (EPA) Tier 4 requirements; if not, are you working towards it?

F. QUALITY

1. Does your plant and system meet all ISO 9001:2008 or equivalent certifications and standards? Provide explanation.
2. If you are ISO 9001:2008 certified or posse equivalent certifications, how long have you been certified? When was your last certification audit?

Responses to this market investigation questionnaire should be sent via Email to MAJ Eric C. Pena, at eric.c.pena.mil@mail.mil, Mrs. Stephanie N. Thom, at stephanie.n.thom.civ@mail.mil, and Mr. Nicholas G. Hawes, nicholas.g.hawes.civ@mail.mil. You are requested to put "**M12A1 DED ENGINE REPLACEMENT**" in the subject line of the email. You may respond in total or to any part of this questionnaire. Any request for clarifications of the survey shall also be addressed to MAJ Eric C.

Pena, Mrs. Stephanie N. Thom, and Mr. Nicholas G. Hawes, and will be published with the appropriate answers at the same web location as this Questionnaire.

Any product literature that cannot be emailed may be sent to:

U.S. Army Contracting Command – Warren - DTA
CCTA-ADT-C
Mailstop: 351
ATTN: MAJ Eric C. Pena and Mr. Nicholas G. Hawes
6501 E. Eleven Mile Rd.
Warren, MI 48397 – 5000

Replies to this questionnaire must be received by 10 business days after it is posted to FedBizOps (FBO). Please mark your information “Proprietary” as you feel appropriate. Your input is voluntary and no compensation can be made for your participation in this survey. We appreciate your cooperation in answering these questions and thank you in advance for your participation.

BE ADVISED that updates to this MARKET SURVEY or non-confidential questions from interested parties and responses by the U.S. Government will be posted as addenda to the questionnaire.