

Heavy Dump Truck (HDT) MARKET SURVEY

PREFACE:

PLEASE NOTE: This is a FOLLOW-ON U.S. Army Market Survey for production of a Heavy Dump Truck (HDT). This survey contains several new questions (in bold) as well as all questions from the original survey. If you responded to the first survey, please answer Questions 1, 2, and all new questions. If you are a new respondent, answer all questions in the survey. An UPDATED copy of the Draft Automotive Tank Purchase Description (ATPD 2375) dated February 26, 2014 is attached as the technical description for the purpose of this market survey. The Classified Annex has been updated as of February 26, 2014 as referenced in ATPD 2375, dated February 26, 2014.

OBJECTIVES:

The Product Manager, Heavy Tactical Vehicles (PdM HTV) is conducting a market survey for the Heavy Dump Truck. The HDT is an 8X8, 22.5 ton, 18 cubic yard dump truck with a gross vehicle weight of 100,000 lbs including an armored cab.

BACKGROUND:

The HDT will be used primarily in support of construction projects by loading, transporting and dumping payloads of sand and gravel aggregates, crushed rock, hot asphalt mixes, earth, clay, rubble, large boulders and other materials up to gross vehicle weight rating (GVWR) to job sites under worldwide climatic conditions. The HDT will be capable of releasing a uniform amount of aggregate while in motion to allow fast, accurate distribution of material onto the desired surface. The HDT will have a material control system (MCS) which provides the capability to distribute its load into actuated chutes allowing its payload to be poured into specific locations. The HDT also serves as a quarry truck for the quick transport of bulk raw earth material to and from the crushing screening and washing plant and the asphalt mixing plant. The HDT will be fielded to horizontal construction companies, quarry platoons, asphalt teams and equipment support platoons and will have a Gross Vehicle Weight (GVW) not exceeding 100,000 lbs in B-kit configuration. The HDT shall be furnished with an armored A-cab fully capable of safely accommodating an armored B-kit, be rust proofed and be camouflage Chemical Agent Resistant Coating (CARC) painted. The HDT vehicle shall satisfy EPA, SAE, DOT, FMVSS and FMCSR requirements applicable to vehicles in their weight classes at the time of manufacture. The vehicle shall be transportable by highway, rail, marine and air modes worldwide.

RESPONSES:

Responses to this market research survey questionnaire should be sent via e-mail to the Contracting Officer, Mrs. Jennifer Meyer, jennifer.m.meyer40.civ@mail.mil with a copy furnished to Contract Specialist, Mrs. Lisa Gerasimidis at lisa.gerasimidis.civ@mail.mil.

Any product literature that cannot be e-mailed may be sent to Mrs. Lisa Gerasimidis at:

Commander
US Army TACOM LCLC
ATTN: CCTA-HTA-B (Mrs. Lisa Gerasimidis) MS: 416
6501 East Eleven Mile Road
Warren, MI 48397-5000

Replies to this questionnaire must be received by April 4, 2014. The Government does **NOT** wish to obtain any proprietary or otherwise protected documents as a result of this market survey. Your input is voluntary and no compensation will be made for your participation in this survey. No classified or proprietary documentation will be accepted.

GENERAL INFORMATION:

The Government appreciates the time and effort taken to respond to this survey. TACOM LCMC invites your response to the below market survey questionnaire for the Heavy Dump Truck new production effort. A copy of the Draft Army Technical Purchase Description is attached as the technical description for market survey purposes.

The Government does **NOT** wish to obtain any proprietary or protected documents as a result of this market survey. The Government may return such data or documents submitted that have proprietary or protected markings.

MISCELLANEOUS:

No contract will be awarded from this announcement. This is not a Request for Proposal (RFP) or an announcement of a forthcoming solicitation, nor is it a request seeking participants to be placed on a solicitation mailing list. Response to this survey is voluntary and no reimbursement will be made for any costs associated with providing information in response to this market survey and any follow-on information requests. Data submitted in response to this market survey will not be returned and will be used for program planning purposes.

MARKET SURVEY QUESTIONNAIRE

Production of the Heavy Dump Truck

1. Administrative Information:

- a. Company Name.
- b. Mailing address and website.
- c. Commercial and Government Entity code (CAGE).
- d. North American Industry Classification System number.
- e. Data Universal Numbering System Number (DUNS).
- f. Location of facility(s).
- g. Business size and eligibility under U.S. Government socio-economic programs and preference (i.e., type of business – large, small, small-disadvantaged, Woman-owned, veteran-owned, or 8(a)).
- h. If your company is a small business, will you be in compliance with the Limitations on Subcontracting Clause 52.219-14?
- i. Is your company located in a labor surplus area or a HUB Zone?
- j. Does your company use a cost system that has been certified by the Defense Contract Audit Agency?

2. Person Responding to Questionnaire:

- a. Name.
- b. Title.
- c. Company Responsibility/Position.
- d. Telephone Number/Fax Number.
- e. E-mail Address.

3. Security:

- a. Do you have a Facility Security Officer?

- b. Does your company deal with International Trade Agreement Regulation issues?
- c. If so, do you have current experience with technical assistance agreements?
- d. Is your company foreign owned? If so, fully or partially owned? If so, what country?
- e. Will the workforce on the contract be United States citizens?
- f. Does your company have experience with Army security regulations?
- g. Has your company implemented an Operations Security plan?
- h. Does your company have experience with a Program Protection plan?
- i. Is your company currently able to transmit unclassified data in accordance with US Government data encryption requirements?
- j. Does your company currently meet Army Network Control Information Technology security standards for data?
- k. Does your company have experience with DD-254 – Contract Security Classification Specification?
- l. Does your company have the ability to operate and maintain a secure Army data collection site (manpower, estimated labor hours, and total payments)?

4. Technical:

- a. How many months after contract production award can you begin delivery of vehicles and at what rate per month?
- b. Assuming a production ramp-up process, how many months after test approval would it take to achieve a rate of production ranging from a sustained rate as high as 126 per year?
- c. Assuming one full time shift, what is the monthly rate of vehicle production that can be supported by your facility?
- d. What is the maximum monthly production capacity of your facility?
- e. What is the minimum sustaining rate of truck production that your company can accept?
- f. How would your company demonstrate that your proposed vehicle would meet the corrosion requirements in the ATPD? Threshold? Objective?**

5. Production:

a. How much time would your company need to build six (6) prototype vehicles, eight (8) prototype vehicles, and ten (10) prototype vehicles after you were notified of an award for the HDT? How much time would you need to deliver the first prototype vehicle and subsequent vehicles thereafter?

6. Logistics:

a. How would you demonstrate that your company's solution for the armor requirements would not substantially affect the annual maintenance requirements for your HDT?

b. Does your company have the capability or access to capability to prepare Logistics products required to provide organic Army support for the HDT? This would include, but is not limited to, Technical Publications in Interactive Electronic Technical Manual (IETM)/paper format, and Provisioning.

c. Would your proposed designed solution be such that it could be supported in the field with the General Mechanics Tool Kit and the Standard Automotive Tool Kit ?

7. Engineering:

a. Do you have simulation and modeling capabilities in regard to blast simulation for your company's proposed solution? Would you provide this data to the Government at time of prototype vehicle delivery?

8. Vehicle Costs:

a. Based on your knowledge of manufacturing dump trucks, understanding that the vehicle contains a requirement for armored cabs, the requirements of Draft Performance Specification (ATPD 2375) and estimated quantities of vehicles listed below per year for funded years, what is the estimated Rough Order of Magnitude (ROM) unit cost for your proposed vehicle?

PROJECTED ESTIMATED QUANTITY

	FY16 Quantity	FY17 Quantity	FY18 Quantity	Total Quantity
M917A3	42	61	88	191

b. List the Performance Specification cost drivers that have the greatest effect on your proposed approach and the ROM costs that your company estimates would be incurred by each.

c. What do you view as being the greatest cost drivers in terms of material costs and integration effort?

d. What is your point of break-even on production?

9. Technical Challenges:

a. Given the current Draft Specification (ATPD 2375) what do you consider to be the greatest technical challenges?

b. Do you produce a commercially available truck that can feasibly be used to incorporate the military unique requirements?

10. Production Facilities and Tooling:

a. Are you considering using current manufacturing facilities, or will you add floor space (facilities) and shop tooling to manufacture the HDT?