Industry Day

21 September 2010

Projectile Metal Parts (PMPTS) Ammunition IDIQ Contracting

Industry Day Intention

Industry Day is for information and planning purposes only. This does not constitute a formal solicitation or a Request For Proposals (RFP). This is not to be construed as a commitment by the Government in any way.

The Government does not intend to award a contract on the basis of this Industry Day or otherwise pay respondents for participation in this event. Should a RFP be issued, any information contained within the RFP supersedes this Industry Day.

Agenda

Time	Presentation Topic
0800-0900	Registration
0900-0920	Opening Remarks – Welcome/Admin
0920-0925	Introduction of Key Government Participants
0925-0945	IDIQ Acquisition Strategy/Timeline
0945-1045	Draft RFP/Acquisition Process
1045-1130	Technical Program Requirements Overview
1130-1300	Lunch
1300-1500	Answers to Industry Day Questions

Interested Industry sources are encouraged to monitor FedBizOpps:
https://www.fbo.gov

Key Government Participants

- Project Manager Combat Ammunition Systems (PM CAS)
  - Project Manager
  - Deputy Project Manager
  - Chief, Conventional Ammo Division
  - Chief, Acquisition Planning
  - Mortar Acquisition Manager
  - Artillery Acquisition Manager
  - Chief, Component Management
  - Chief, Smoke/Illum Management
  - Project Officer
  - Acquisition Analyst
  - Acquisition Analyst
  - Configuration Management

- Armament, Research, Development & Engineering Center (ARDEC)
  - Producibility Engineer
  - Packaging Specialist
  - Distribution Facilities Specialist

Key Government Participants

- Joint Munitions Command (JMC)
  - High Explosive Product Manager
  - Smoke and Illumination Product Manager
  - Lead Product Quality Manager

- Rock Island Contracting Center (RICC)
  - Artillery & Mortars Branch Chief
  - Contracting Officer
  - Contract Specialist
  - Contract Specialist
  - Legal Advisor
  - Cost/Price Analyst

PMPTS Acquisition Strategy

- Reduce contract burden for USG and Contractors (preparation and evaluation)
  - ✓ Award Multiple IDIQ contracts using Low Price Technically Acceptable (LPTA) evaluation criteria
  - ✓ Four (4) Phased Evaluation
- Contractors qualified up front based upon a **one time** comprehensive proposal evaluation of:
  - ✓ Phase I- Feasibility Assessment
  - ✓ Phase II- Manufacturing Readiness Level Assessment
  - ✓ Phase III- USG Site Visit
  - ✓ Phase IV- Price
- Maintain competition throughout IDIQ period
  - ✓ Compete delivery orders among basic contract awardees
  - ✓ Delivery Order evaluation based on Price, Schedule, Past Performance and/or Technical
- Opportunities for delivery order awards will arise as requirements become available

Benefits of a Multiple Award IDIQ

- Addresses Contractor Capacity Constraints
- Eliminates Single Point Failure
- Maintains the Industrial Base
- Meets Critical Delivery Schedules
- Meets Warfighter Needs
- Provides for Foreign Military Sales/Surge Requirements
- Timely awards of Supplemental Funding

PMPTS - IDIQ Timeline

Issue Presolicitation Notice/Synopsis	Completed
Issue Draft Solicitation	Completed
Industry Day Acquisition Briefing	21 September 2010
Issue Formal Request for Proposals	19 October 2010*
Receive Proposals	30 November 2010*
Conduct Site Visits	Feb – Mar 2011*
Award IDIQ Contracts	April - June 2011*
Issue Delivery Orders	Life of Contract

*Tentative dates

US ARMY CONTRACTING COMMAND
ROCK ISLAND CONTRACTING CENTER

Ms. Adria Hemmen
Contracting Officer
309-782-3238

Section A – Supplemental Information

Executive Summary

- Provides synopsis of important and relevant features of the solicitation. Summary starts on Page 2 of the solicitation.
- Information on Guaranteed Minimum
- ORCA Clause
- Notice: Use of Government Owned Property
- Supplemental Information for 2-D Bar Coding Verification

Draft Solicitation and all other pertinent documents are uploaded at the following web address:

http://www.aschq.army.mil/ac/aaisdus/PMPTS.aspx

Requirements

W52P1J-09-R-0156

- Artillery 105mm Projectile Metal Parts:
  - ✓M1
- Artillery 155mm Projectile Metal Parts:
  - ✓M107
  - ✓M485A2/M1066
  - ✓M110A2 and M1E1 Burster Casing

Requirements

W52P1J-09-R-0163

- Artillery 105mm Projectile Metal Parts:
  - ✓PGU 45 HF
  - ✓M927 Rocket Motor Body
  - ✓M927 Warhead Insulating Assembly
- Artillery 155mm Projectile Metal Parts:
  - ✓M825A1
  - ✓M549A1 Rocket Motor Body
  - ✓M549A1 Warhead Insulating Assembly

Contract Line Item Number (CLIN) Structure

For W52P1J-09-R-0156, offerors who want to be considered for award on CLINs 0001, 0002, and 0003, must submit a separate proposal for each CLIN. However, CLINs 0004 and 0005 will be awarded together, therefore, offerors must submit a single proposal that addresses both CLINs. If an offeror wants to be considered for award for all items contained within this RFP, four (4) separate proposals are required.

Proposal Submission

- Separate proposal submission for each CLIN, except the M110A2 and M1E1 Burster Casing which will be submitted in a single proposal.
- Each proposal will be evaluated separately.
- Failure to completely fill out Attachment 0001, Price Matrix may result in the proposal not being considered for award. Must submit a Price Matrix for each proposal separately.
- Submit proposal(s) only for the CLIN(s) for which you wish to be considered.

Guaranteed Minimum

The guaranteed minimum will be satisfied by USG ordering/approval of a Process Map. The Process Map must identify the key points within the manufacturing process. In addition, any operation where a critical defect can be generated or where a critical defect or characteristic is inspected needs to be identified. Solicitations contain Draft Process Map as Section J attachment for reference. This guaranteed minimum meets the requirement of FAR 16.504(a)(2).

Contract Quantities

The USG may not exceed among all awardees the following maximum quantities:

Components	Quantities
M1	652,500
M107	546,000
M485A2/M1066	311,600
M110A2	321,000
M1E1 Burster Casing	321,000
M927 Warhead Insulating Assembly	51,000
M927 Rocket Motor Body	51,000
M549 Warhead Insulating Assembly	51,000
M549 Rocket Motor Body	51,000
M825A1	50,000
PGU 45 HF	50,000

Ordering Periods

- Each Basic IDIQ Contract will consist of 5 ordering periods.
- Ordering Period 1 will begin the Day of award and continue for 365 more days.
- Ordering Period 2 will begin on day 366 after award.
- Ordering Period 3 will begin on day 731 after award.
- Ordering Period 4 will begin on day 1096 after award.
- Ordering Period 5 will begin on day 1461 after award.

Section B
Supplies or Services and Prices/Costs

List of Supplies and Schedules

- Provides CLIN Structure
- Notice to Submit Prices on Pricing Matrix, Attachment 0001
- Identifies FAT delivery schedule and production delivery schedules
- Identifies Ordering Periods
- Identifies CLINs for CDRLs (Contract Data Requirements List submissions)

Estimated Monthly Delivery Rates

- M1: **10,000** – 25,000
- M107: **8,000** – 25,000
- M485A2/M1066: **8,000** – 16,000
- M110A2: **5,000** – 10,000
- M1E1 Burster Casing: **5,000** – 10,000
- PGU 45HF: **5,000** – 10,000
- M927 Rocket Motor Body & Warhead: **5,000** – 10,000
- M825A1: **8,000** – 16,000
- M549A1 Rocket Motor Body & Warhead: **8,000** – 16,000

*Each offeror must be able to produce and deliver a minimum monthly quantity. The maximum monthly quantity requirement may be supported by delivery order awards to one or more awardees.

Section C

Description/Specification/Work Statement

- Requests for Technical Data Packages (TDP) shall be submitted to Katie Crawford, katherine.e.crawford@us.army.mil or Matthew Kopel, matthew.kopel@us.army.mil
- Requests for TDP for CLINs with Distribution Statement of other than Distribution Statement A must include a completed DD2345 and a Non-Disclosure Agreement must be completed
- Drawings/Specifications clause, Section C exceptions
- Ammunition Data Cards and Lot Acceptance Test Report in WARP
- Statement of Work – 2-D Bar Coding Verification
- Phosphate Coating Requirement (Light)

Section D

Packaging and Marking

- Packaging Requirements
- Palletization Instruction
- Contains clauses for requirements on appropriate packaging and marking unique to each PMPTS.
- Labeling of 105mm and 155mm metal parts pallets
- 2D Bar Coding Requirements
- Heat Treatment of Wood Packing Materials

Section E

Inspection and Acceptance

- First Article Test (Government and Contractor Testing)- Requirements identified for each CLIN
- Objective:
  - ✓ Demonstrate the materials used, manufacturing processes employed, workmanship standards utilized, and the method employed for the control of quality are capable of meeting all of the requirements stipulated in the contract or PRON.
  - ✓ Assure that producer personnel have correctly interpreted and complied with the technical requirements for the item being procured.
  - ✓ Assure, through examinations and tests, that the producer's personnel demonstrate expertise in performing required inspections and tests.

- Tasks required prior to presentation of a First Article
  - ✓ Submit gage designs for approval
  - ✓ Develop and submit plans/procedures (SPC, Quality, etc)
  - ✓ Process/Material certifications
  - ✓ Procure/build gages upon design approval
  - ✓ Develop gage/inspection instructions
  - ✓ Gage design verification
  - ✓ Build the product samples
  - ✓ Document inspection results
  - ✓ Build sample data card
  - ✓ Notify Contracting Officer at least 15 calendar days in advance of the scheduled date for final inspection and test of the first article.

Section E (Continued)

- FAT, continued…
- First Article Product Samples shall be
  - ✓ Representative of items to be manufactured using the same processes and procedures, at the same facility as contract production.
  - ✓ Produced using parts and materials, including packaging and packing, obtained from the same source of supply as will be used during regular production.
  - ✓ The samples shall be inspected and tested by the contractor for all requirements of the drawing(s), Quality Assurance Provisions, and specifications. Be advised that actual measurements (variable data) for all product features which exhibit tolerances will be collected and reported.
  - ✓ Prior FAT approval on other USG contract(s) does not guarantee a roll over waiver of FAT on awards resulting from this solicitation.

- First Article Test Report : Contractor shall document the results of all inspections & tests. FAT report shall be submitted to the procuring office through the local QAR.

- Higher Level Contract Quality Requirements- Quality Management System
  - ✓ The producer shall comply with: ISO 9001-2008; only design/development exclusions permitted, or an alternate program/system approved – see clause for full details

Section E (Continued)

- MIL-STD-1916- Disposition of product in accordance with MIL-STD-1916 rules

  Allows for disposition per:

  - ✓ Standard Accept on Zero (AOZ) tables based on detection
    - Default method
    - Attribute or Variable
  - ✓ Prevention based
    - Preferred method
    - Allows producer flexibility

- Statistical Process Control
  - ✓ Statistical Process Control (SPC) Program Plan consists of a General and a Detailed Plan
    - General Plan – provides facility policy and procedure for SPC
    - Detailed Plan – provides a in depth plan for how SPC applies to the particular item on contract
  - ✓ Mandatory characteristics for SPC will be included within the contract clause
  - ✓ Producer shall review all process and operation parameters for possible application of SPC techniques
  - ✓ Review to include those processes and operations under the control of subcontractor or vendor facilities
  - ✓ Prior approval on other USG contract(s) does not guarantee roll over approval on awards resulting from this solicitation.

Section E (Continued)

- Rework and Repair of Nonconforming Material:
  - ✓ Definitions of Rework and Repair
  - ✓ Requires the submission of Rework and Repair procedures for review and approval
  - ✓ Repair procedures shall be submitted on a Request for Deviation, DD Form 1694
  - ✓ The rework or repair procedure shall also contain a provision for re-inspection
  - ✓ The submission shall also include a description of the cause for the nonconformance and a description of the action taken or to be taken to prevent recurrence

- Acceptance Inspection Equipment (AIE)
  - ✓ Designs to be submitted for all examinations and tests required by the item specifications
  - ✓ Inspection procedures and designs must be approved prior to First Article, if required
  - ✓ Assures product is inspected and dispositioned under controlled conditions

- Critical Characteristics (Six Sigma)
  - ✓ Processes designed to have no more than one Critical non-conformance escape in one million items delivered
  - ✓ Requires producer to manage all aspects regarding the production of critical characteristics
  - ✓ Use of automated inspection equipment, where feasible
  - ✓ A Quality system that ensures non-conformances are identified and segregated
  - ✓ Data requirements; Critical Characteristic Control Plan, Notification of defect occurrence, Restart request after mandatory shutdown, and Critical Plan of Action (voluntary)
  - ✓ Contractor must clearly understand this clause when it applies, ask questions if necessary

Section F

Deliveries or Performance

- FOB Destination
- Shipment points will be identified in the Contemplation Letter issued prior to award of each delivery order.

Section G

Contract Administration Data

- Wide Area Workflow Receipt and Acceptance (WAWF-RA) for electronic processing of receipt/acceptance (DD-250) documents and payment
- Register for WAWF-RA at http://wawf.eb.mil
- Contractor will input DD250s for signature and approval and submit invoices for payment. System syncs up to DFAS for payment processing. Less Paperwork!

Section H

Special Contract Requirements

- Progress Payment Limitation
- Instructions for Preparation and Submission of Production Progress Reports
- Government Furnished Property
- OPSEC Requirements

Section I

Contract Clauses

- First Article Approval-Contractor Testing, requirements for each CLIN are identified
- First Article Approval-Government Testing, requirements for each CLIN are identified
- Ordering - Supplies to be furnished under this contract shall be ordered by issuance of delivery orders
- Ordering Limitations – min/max order obligations by both Government and contractor
- Indefinite Quantity
- Progress Payments
- Warranty of Supplies of a Non-Complex Nature
  - * Contractor Warrants items for 1,095 days
  - * Contracting Officer will give written notice of any breach of warranties w/in 120 days
- Authority of Government Representative - the CONTRACTING OFFICER is the ONLY person authorized to make any changes to the contract.

Section J

List of Attachments

W52P1J-09-R-0156

Exhibits - Contract Data Requirements List (CDRL) for each CLIN

Attachment 0001- Price Matrix

Attachment 0007- Essential Pieces of Equipment

Attachment 0008- List and Schedule of Government Furnished Material

Attachment 0018- OPSEC Acquisition Plan - Sample

Attachment 0019- Draft Process Map (Sample)

Attachment 0020- Non-Disclosure Statement

Attachment 0022- Detail Specification MIL-DTL-14824C w/ Amendment 3

Attachment 0023- Detailed Specification MIL-DTL-60585B w/ Amendment 1

Section J

List of Attachments

W52P1J-09-R-0163

Exhibits - Contract Data Requirements List (CDRL) for each CLIN

Attachment 0001- Pricing Matrix

Attachment 0008- Essential Pieces of Equipment

Attachment 0009- List of Government Furnished Material (GFM)

Attachment 0019- OPSEC Acquisition Plan - Sample

Attachment 0020- Draft Process Map (Sample)

Attachment 0021- Non-Disclosure Statement

Attachment 0023- MIL-P-70524

Attachment 0024- MIL-P-70524 w/ Amendment 07

Section K

Representations, Certifications and

Other Statements of Offerors

- Complete all entries and fill-ins (see Section L for submission requirements)
- CCR Registration-register at http://orca.bpn.gov

Section L

Instructions, Conditions and Notices to Offerors

- This section is very important as it contains proposal submission instructions as well as specific proposal requirements for the Phases of the PMPTS items identified in Section B.
- Offerors shall provide information by addressing each Phase in the format and sequence identified in the solicitation.
- The Offerors must provide information in sufficient detail to allow the Government to determine if an Offeror is Technically Acceptable.

Section L.2.1

Format for Proposal

- One (1) signed SF 33
- Continuation Sheets (Sections A-M)
- Acknowledgement of all Amendments/continuation sheets
- All Fill- ins in clauses shall be filled out or should state “N/A”
- One (1) Hard Copy of information in L.2.1.a

Section L.2.1 (Continued)

- Total of fifteen (15) CDs should be submitted per proposal.
- CD copy must mirror hard copies.
- If CD copy differs from hard copy, CD copy will be used for evaluation.
- CDs must be clearly marked with Offeror's name, Phase number and CLIN Number.
- Microsoft Office for Windows Suite must be used to write CD-ROM.

Section L.2.2

- Each Proposal shall be submitted in separate parts as described in Section L.2.2.

- Proposal must contain all Phases.

Section L.2.2.1

Phase I – Feasibility Assessment

One (1) hard copy and five (5) CD copies. Maximum Page Allowance: 5 pages per CLIN

Section L.2.2.1 (Continued)

Phase II – Manufacturing Readiness Level Assessment

Solicitation – 0156:

A. Manufacturing Readiness Assessment (MRA): 30 pages per CLIN for CLIN 0001, 0002 and 0003; 45 pages total for CLINs 0004 and 0005 combined
B. Maturity Manufacturing Plan (MMP): 10 pages per CLIN for CLIN 0001, 0002, and 0003; 15 pages total for CLINs 0004 and 0005 combined

Solicitation – 0163:

A. Manufacturing Readiness Assessment (MRA): 30 pages per CLIN
B. Maturity Manufacturing Plan (MMP): 10 pages per CLIN

One (1) hard copy and five (5) CD copies.

Section L.2.2.1 (Continued)

Phase III- USG Site Visit

- Key Information needed to set up and conduct Site Visit.
- Maximum 10 Pages per CLIN.
- One (1) hard copy and two (2) CD copies.

Section L.2.2.1 (Continued)

Phase IV – Price Factor

- Completed Price Matrix (Attachment 0001)
- Two (2) hard copies and two (2) CD copies.

Section L.2.2.2

Length of Proposal

- Shall not exceed specified page limits for each Phase.
- Pages counted left to right.
- Pages that exceed limit will not be evaluated.
- Annexes, documentation, and attachments count against page limitation.
- If printed on both sides, each side counts as a page.
- Title pages, table of contents, cross-referencing pages, acronym lists and page dividers will not count against page limitation.
- Pages should be 8 1/2 in width by 11 in in length.
- Foldout pages- each fold counted as one page.
- Must be 12pt font (see Section L.2.2.2 for exceptions).

Section L.3.1

Phase I-Feasibility Assessment

The Feasibility Assessment is Phase I. The submission shall be limited to a maximum of 5 pages. The purpose of this Phase is to evaluate the offerors proposed capabilities to meet the contractual requirements. The Technical Data Packages that define the components to be procured under this contract require the use of essential equipment by the manufacturer. This phase of the process will assess whether the offeror has a feasible approach to meet the Government's contractual requirements for the production and inspection of these components. Any Offeror whose Phase I proposal is deemed Unacceptable will not be evaluated in Phase II.

Must be determined Acceptable in this Phase to continue to have your proposal evaluated in Phase II – Manufacturing Readiness Assessment Level.

Section L.3.2

Phase II- Manufacturing Readiness Level (MRA & MMP)

- Measuring the Manufacturing Readiness Level (MRL) allows the USG the ability evaluate the manufacturing, production, quality assurance, and industrial functions to achieve an operational capability that satisfies mission needs – in the quantity and quality needed by the war fighter.

- MRLs are designed to assess the maturity and risk of a given technology, weapon system or subsystem from a manufacturing perspective and guide risk mitigation efforts.

- MRLs are also intended to provide decision makers at all levels with a common understanding of the relative maturity and attendant risks associated with manufacturing technologies, products, and processes being considered to meet DoD requirements.

- There are 10 Levels of Manufacturing Readiness, with level 1 being the least mature (Manufacturing Feasibility Assessed) and level 10 being the most mature (Full Rate Production demonstrated and lean production practices in place).

- In this solicitation the minimum required level is level 9 (Low rate production demonstrated; Capability in place to begin Full Rate Production).

Must be determined Acceptable in this Phase to continue to have your proposal evaluated in Phase III- USG Site Visit.

Section L.3.2 (Continued)

- For additional information on MRA/MMP, refer to http://www.dodmrl.com/. This website is provided for informational purposes only. Offerors must comply with the requirements contained in Section L of this solicitation.

Section L.3.2.1.1

- Manufacturing Readiness Level (MRL) 9:
  - ✓ Manufacturing Facilities (including storage and inventory control) are in place with a throughput analysis that supports the required delivery schedule. The offeror's proposal must address the minimum monthly requirement of the CLIN proposed.
  - ✓ Tooling and Special Test Equipment for critical and major characteristics have been defined.
  - ✓ Stable supply chain established.
  - ✓ Manufacturing processes and procedures are established and under configuration control.
  - ✓ Manufacturing processes are in control with data to support the required quality level.
  - ✓ Appropriate training has been performed and recorded.
  - ✓ The critical characteristics for each item manufactured are identified and controlled.

The MRA must be realistic, achievable and supportable.

Section L.3.2.1.1 (Continued)

- MRL of less than 9 must be accompanied by a Manufacturing Maturity Plan (MMP).
- If an MMP is submitted, it must not exceed:
  - ✓ Solicitation – 0156: ten (10) pages per CLIN for CLINs 0001, 0002 and 0003 or fifteen (15) pages total for CLINs 0004 and 0005 combined
  - ✓ Solicitation – 0163: ten (10) pages per CLIN
- Must demonstrate how offeror will achieve MRL 9 at First Article.

The MRA must be realistic, achievable and supportable.

Section L.3.2.2
Manufacturing Maturity Plan

The Manufacturing Maturity Plan (required if MRL 9 criteria is not met) will consist of the following elements:

- ✓ Title and Statement of the problem (Elements not at required maturity level).
- ✓ Maturation program plan (Integrated Master Schedule of necessary activities).
- ✓ Key activities for the preferred production process. (Description of Plan “B” and when on the timeline it would be executed, if necessary.)
- ✓ Preparations for using an alternative production process.
- ✓ Status of funding to perform this production process maturation.
- ✓ Specific actions to be taken (what will be done and by whom).
- ✓ Prototypes or test articles that will be built to demonstrate manufacturing maturity.
- ✓ Tests that will be run to demonstrate manufacturing maturity.
- ✓ Threshold performance that must be met.

Section L.3.3.1

Phase III- USG Site Visit

- All offerors determined Acceptable in Phase II will have a site visit by the USG.
- The purpose of the site visit is to verify information presented by the offeror in Phase II.
- Proposals will consist of information that will aid the USG in making arrangements for site visits.
- The USG will contact foreign firms upon closing of the solicitation to set up site visits to meet USG requirements for foreign travel. Not a guarantee the USG will find offeror acceptable in Phase I or II.

Must be determined Acceptable in this Phase to continue to have your proposal evaluated in Phase IV – Price.

Section L.3.3.1

The offeror shall provide key information required for the USG to conduct a site visit at the offeror's location and potentially subcontractor facility.

Offerors who are determined to be Acceptable in Phase II will be required to submit their proposed Small Business Subcontracting Plan for the USG's review for adequacy. Small businesses are exempt from submitting a small business subcontracting plan. The small business subcontracting plan per CLIN will be submitted to USG Contracting Office electronically within three days after the conclusion of the site visit. A rating will not be assigned to the small business subcontracting plan.

Section L.3.4

Phase IV-Price

- Attachment 0001 - Price Matrix Completely Filled Out
- Full Name and Cage Code should be listed on each page of Price Matrix.
- All prices are binding.
- Unit prices are limited to two decimal places.
- Proposal must be in US Dollars.

Section L Notes

- After each Phase, the offeror will be notified by RICC to advise the offeror of its rating of either Acceptable or Unacceptable.
- Any offeror receiving an Unacceptable rating will not be evaluated in future phases and will be ineligible for award.
- Separate proposal shall be submitted for each CLIN (with the exception of one proposal for M110A2/M1E1 Burster Casing CLINs).

Section M

Evaluation Factors for Award

- This section details all information on how proposals will be evaluated and how the USG will assign a rating of Acceptable or Unacceptable for each Phase. Read this section carefully.

- Each offeror will be evaluated against the solicitation criteria to determine whether the offeror has the technical expertise, equipment, and personnel required to manufacture and manage the product in accordance with the solicitation.

Section M (Continued)

- Awards will be made to one or more offerors whose proposals represent the Lowest Priced Technically Acceptable (LPTA) for each CLIN.
- For Purpose of evaluation Phase I, Phase II and Phase III will be evaluated as either Acceptable or Unacceptable.
- Must Receive an Acceptable in Phase I to be evaluated in Phase II.
- Must Receive an Acceptable in Phase II to be evaluated in Phase III.
- Must Receive an Acceptable in Phase III to be evaluated in Phase IV.
- Offerors will be notified after each Phase whether they were determined to be Acceptable or Unacceptable.
- Total Evaluated Price in Phase IV.
- Prices will be listed from lowest to highest priced and award(s) will be made in ascending order of price starting with the lowest-priced offeror. The number of awards will be based on the Government's requirements and the need to mitigate risk.

Section M.3.1

Evaluation of Phase I- Feasibility Assessment

- USG evaluation of documentation provided in Phase I of offerors proposal.
- USG evaluation of offeror's proposal that must clearly demonstrate that it has, or can obtain within the required timeframe, the essential equipment required to manufacture the item it is proposing on and/or provide adequate information about its subcontractor(s) equipment.
- Each offer will receive a rating of Acceptable or Unacceptable based on criteria in Section M.3.1.

Section M.3.2

Evaluation of Phase II- Manufacturing Readiness Level (MRL)

- USG evaluation of documentation provided in Phase II of offeror's proposal.
- USG evaluation to determine whether offeror is currently at, or has the ability to achieve, a Manufacturing Readiness Level (MRL) of 9 by First Article Test (FAT).
- Each offer will receive a rating of Acceptable or Unacceptable based on criteria in Section M.3.2.

Section M.3.2.1.1

To receive an Acceptable rating in this phase, the offeror must demonstrate state of production readiness and maturity with respect to the following MRL 9 Criteria (Tailored)

- ✓ Manufacturing facilities evaluation will verify that essential manufacturing equipment is available and on hand, plant layout is properly sequenced, throughput analysis is supported by equipment cycle time, takt time and personnel capacity. USG will be evaluating the offeror's minimum monthly capacity to ensure it meets the solicitation requirement. Material storage, shipping and receiving facility and inventory control systems are adequate to support the required delivery schedule.
- ✓ Tooling and special test equipment will be evaluated by cross referencing the drawings and specifications documented in the TDP to the offeror's proposal.
- ✓ The proposal identified the offeror's supply chain and demonstrated that it is stable (supported by existing and/or ready to execute contract arrangements upon award) with alternates identified.
- ✓ The offeror's annotated process map, flow chart, and/or narrative information will be evaluated for completeness and proper sequencing of their manufacturing, inspection, testing and packaging for the proposed item. A formal system to ensure configuration control of manufacturing processes will be evaluated.

The MRA must be realistic and able to support LRP.

Section M3.2.1.1 (Continued)

- ✓ The manufacturing processes capability and control will be evaluated by reviewing the offeror's annotated process map, flow chart, and/or narrative information to ensure that the data collected at the inspection points identified will ensure on a continuing basis that the process is capable (ie. meets drawing requirements) and under control (Cpk 1.3 for Majors and 2.0 for Criticals preferred) and will meet the requirements of MIL-STD-1916.
- ✓ The evaluation of the offeror's training plan will consist of a review for completeness of documentation, description of the training required for the various manufacturing/inspection processes and contains appropriate provisions to ensure that personnel are certified to perform the critical operations/inspections and that training is conducted as required.
- ✓ The offeror's narrative of Critical Characteristic control will be evaluated for completeness, appropriateness of inspections, the process to be followed if a critical defect is detected, and the appropriateness of the steps being undertaken to prevent a critical defect from occurring.

The MRA must be realistic and able to support LRP.

Section M.3.2.2

To receive an MMP Risk rating of Low, an offeror must have a plan that adequately describes all elements of the MMP plan and provides detailed information for each one.

- Title and Statement of the problem
  - ✓ Adequately describe the MRL element(s) that do not meet MRL 9 and their current maturity status.
  - ✓ Adequately describe how these element(s) will be matured to MRL 9 by contract First Article Test event.
- Detailed maturation program plan with associated risks identified, schedule, (IMS) and funding breakouts.
- Detailed description of key activities for the preferred production process.
- Detailed description of preparations for using an alternative production process "Plan B" and when it would be executed, if necessary. The schedule should show the latest time that an alternative production process can be chosen.
- Approved funding to perform this production process maturation.
- Detailed description of specific actions to be taken (what will be done and by whom).
- Detailed description of what prototypes or test articles will be built to demonstrate manufacturing maturity.
- Detailed description of what tests will be run to demonstrate manufacturing maturity. Detailed description of the differences (and/or similarities) between the prototype environment and the production environment.
- Detailed description of what threshold performance must be met.

Section M.3.3

Evaluation of Phase III- USG Site Visit

- The purpose of the site visit is to verify information presented in Phase II. An Acceptable rating for Phase III will be given to any offeror that demonstrates it is currently a MRL 9 or demonstrates the ability to obtain a MRL 9 by FAT.
- Team of representatives will conduct site visits at offeror's location.
- USG will use a standardized check list for evaluations.
- Site visits shall be performed at location(s) the offeror will use (possibly including subcontractor location(s)) for production if it were to receive an award.

Section M.3.4

Evaluation of Phase IV- Price Evaluation

- Will Calculate a Total Evaluated Price per CLIN.
- Make sure your Price Matrix is completely filled out.

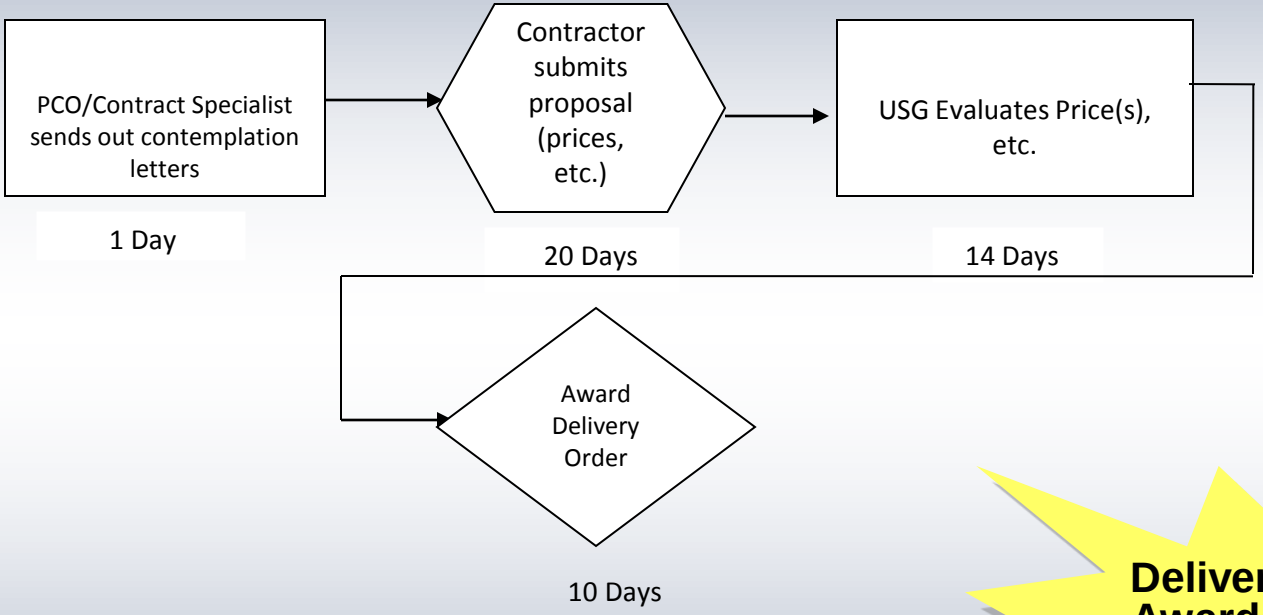
Price Matrix

Offeror:				Cage :	
		PRICE EVALUATION SHEET			
		W52P1J-09-R-0156			
CLIN 0001: M1 PMPTS					
NSN: 1315-00-077-2148					
First Article Test					
			Ordering Period 1		
Quantity Ranges			Unit Price	Weight	
3,000	-	20,000		10%	
20,001	-	50,000		10%	
50,001		75,000		10%	
75,001	-	100,000		70%	
				100%	
Weighted Evaluation Price			$ -		
TOTAL EVALUATED CLIN PRICE					$ -

Delivery Orders for Future Requirements

- USG reserves the right to split requirements among basic contract awardees.
- Future delivery orders may compete requirements based on price, schedule, technical and/or past performance.
- USG will notify awardees in contemplation letters of the factors to be utilized in the evaluation of future requirements.
- When requirements arise, awardees will be asked to propose prices in writing within 20 days. Prices cannot be higher than those offered in response to RFPs W52P1J-09-R-0156 or W52P1J-09-R-0163.
- Prices may be revised if the USG changes the terms of award (eg. expedited delivery schedule).
- No Protest Rule for Delivery Orders under $10 million. Reference FAR 16.505(a)(9) and FAR Subpart 33.1.

Delivery Order Award Process/Timeline



Delivery Orders Awarded within 45 Calendar Days

Office of the Program Manager for Combat Ammunition Systems

Producibility Engineer

M1

- 105MM High Explosive Projectile
- Part Number: 10535876
- Does Not Utilize Base Cover
- Material: Forged Steel, 65 ksi Yield Strength, 15% Minimum Elongation
- Rotating Band: Swaged – 8594851
- GFM: None

M107

- 155MM High Explosive Trainer Projectile
- Part Number: 10535925
- Material: Forged Steel, 65 ksi Yield Strength, 15% Minimum Elongation
- Rotating Band: Swaged – 7548993
- GFM: Grommet, M107 Lifting Plug

M485A2/M1066

- 155MM WP Illuminating Projectile
- Part Number: 9214142
- Material: Forged Steel, 100 ksi Yield Strength, 10% Minimum Elongation
- Rotating Band: Swaged – 9214145
- GFM: Grommet, Universal Lifting Plug

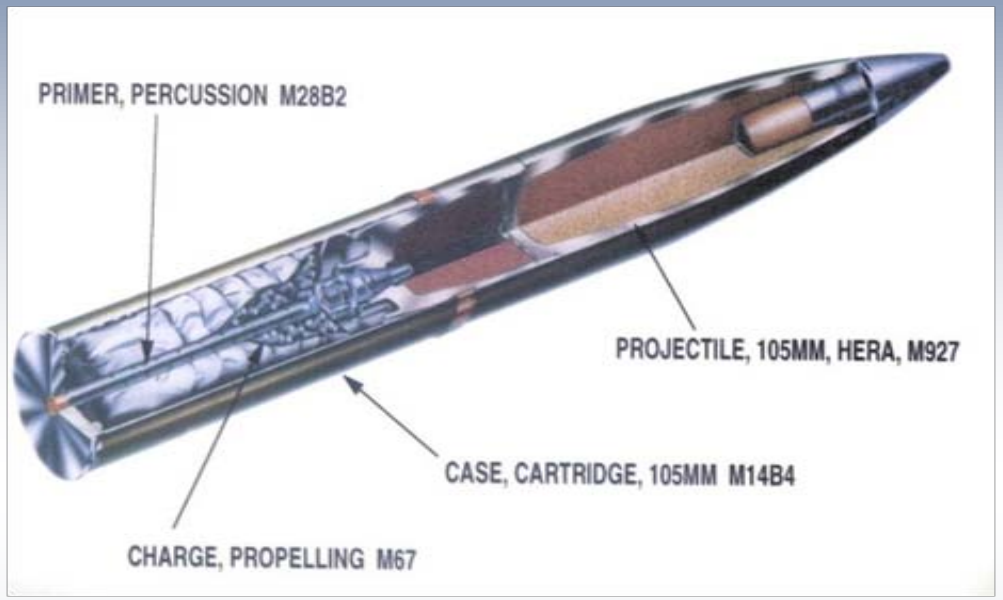
M110A2 and M1E1 Burster Casing

- 155MM WP Smoke Screen Projectile with M1E1 Burster Casing
- Part Number: M110A2 is 12991203; M1E1 Burster Casing is 10542950
- Material: M110A2 - Forged Steel, 65 ksi Yield Strength, 15% Minimum Elongation
  M1E1 Burster Casing – Forged Steel, 50 ksi Yield Strength, 7% Elongation
- Rotating Band for M110A2: Swaged – 7548993
- GFM for M110A2: Grommet, Universal Lifting Plug

PGU 45 HF

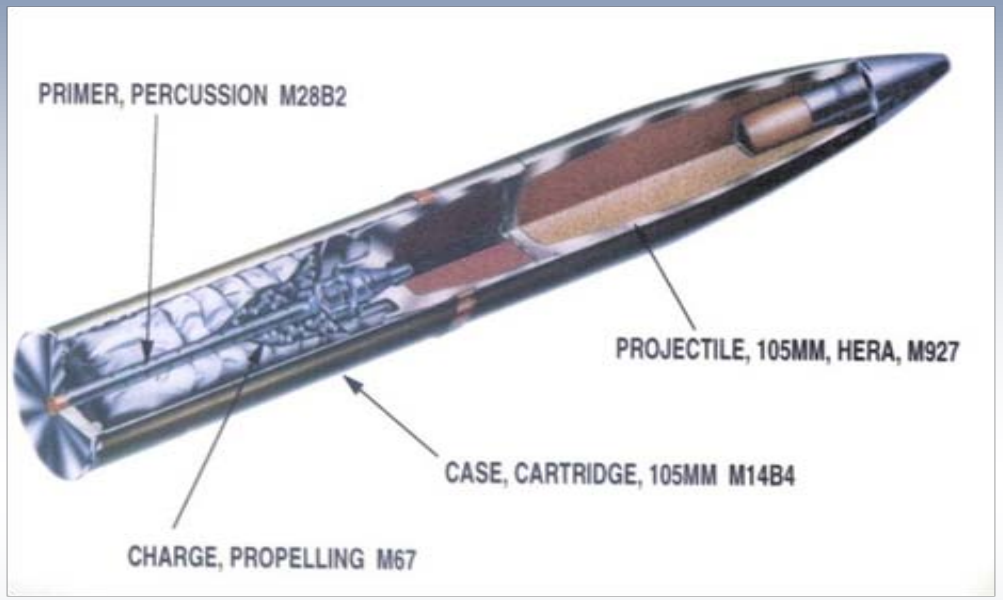
- 105MM High Explosive, High Fragmentation Projectile
- Part Number: 10535876-1
- PFU 45 HF Includes: Body – 10535878-1 and Base Cover – 10535879
- Material: HF-1 Steel
- Rotating Band: Swaged – 8594851
- GFM: None

M927 Rocket Motor Body



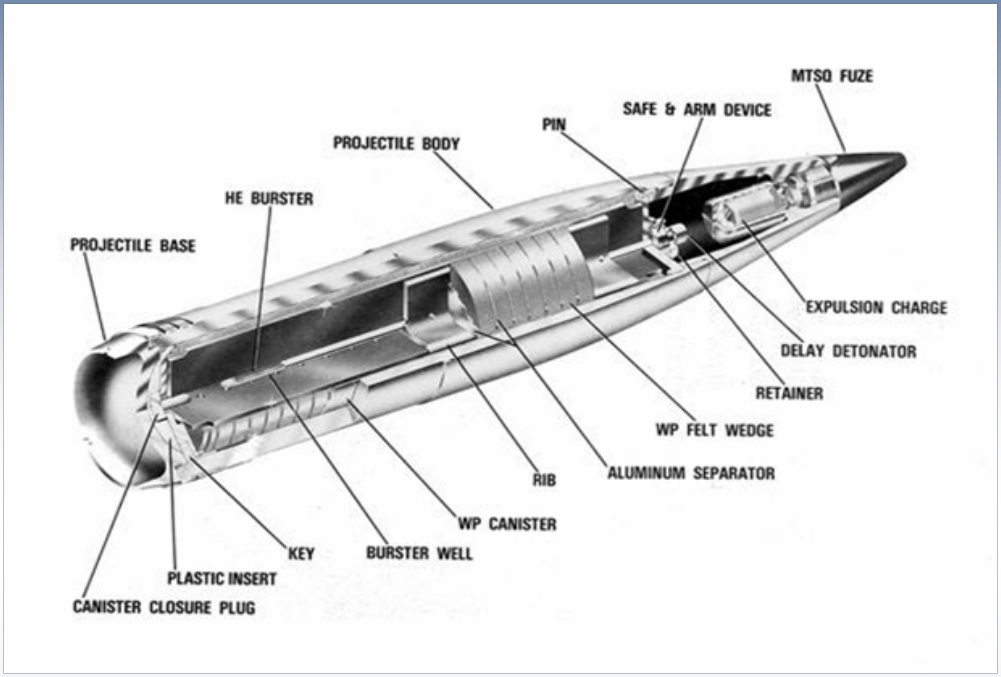
- 105MM High Explosive, Rocket Assisted Projectile
- Part Number: 9381136
- Rocket Motor Body includes: Motor Body – 9381133 and Nozzle Insert - 9381134
- Material: Steel Alloy, Type 4340
- Rotating Band: Welded
- GFM: None

M927 Warhead Insulating Assembly



- 105MM High Explosive, Rocket Assisted Projectile
- Part Number: 9381144
- Insulating Assembly includes: HERA Warhead – 9381141 and Insulation - 9381142
- Material: HF-1 Steel
- Rotating Band: None
- GFM: None

M825A1



- 155MM WP Smoke Screen Projectile
- Part Number: 9352634
- M825A1 Includes: Aluminum Ogive that is threaded onto the Body
- Material: 1340 or 4140 steel - Mech Properties are 140 KSI Yield - 12% Min Elongation
- Rotating Band: Welded Rotating band
- GFM: Grommet, Universal Lifting Plug

M549A1 Rocket Motor Body

- 155MM High Explosive, Rocket Assisted Projectile
- Part Number: 9235979
- Rocket Motor Body includes: Motor Body – 9235977 and Nozzle Insert - 9235978
- Material: Steel Alloy, Type 4340
- Rotating Band: Welded
- GFM: None

M549A1 Warhead Insulating Assembly

- 155MM High Explosive, Rocket Assisted Projectile
- Part Number: 9235997
- Insulating Assembly includes: Warhead – 9235995 and Insulation - 9235996
- Material: HF-1 Steel
- Rotating Band: None
- GFM: Shock Attenuating Lifting Plug

Summary

- **Pre-qualify contractors**
- **Streamline Acquisition Process**
- **Anticipate awarding Delivery Orders within 45 days from issuance of contemplation letter**