**AMCOM AWCF INVESTMENT PROGRAM FY24 PROJECT SUBMISSION FORM**

1. **CANDIDATE PROJECT NAME:**

Enter Information Here

* 1. **AMCOM Systems(s) Affected:**

Enter Information Here

1. **RESPONDER’S INFORMATION:**

**Name of Company / Government Organization submitting project:**  Enter Information Here

**Primary Company / Government Organization providing service:**  Enter Information Here

**As applicable, provide following for Company providing service**

 **FSCM:**  Enter Information Here **CAGE:**  Enter Information Here **DUNS:**  Enter Information Here

 **JCP:**  Enter Information Here  **NAICS:**  Enter Information Here

1. **NOMENCLATURE AND NIIN(S) AFFECTED: Add additional columns for additional parts as needed.**

|  |  |
| --- | --- |
|  | **Affected Item #1** |
| **Nomenclature** |  |
| **NIIN** |  |
| **P/N(s)** |  |
| **NHA NIIN/Description** |  |
| **Associated Platform** |  |
| **APL Rank\*** |  |
| **Critical Safety Item (Y/N)** |  |
| **Acquisition Method Reason Code** |  |
| **Level of Repair/Replacement** |  |
| **AMDF Price** |  |
| **Turn-In Credit** |  |
| **Last 12 Month Demands** |  |
| **Item Manager (Name, Email, & Phone)****(If applicable)** |  |

**\*Note: Reference AMCOM Priority List (APL) available on AMCOM’s AWCF Investment Program website:** [**https://www.amcom.army.mil/Organization/Army-Working-Capital-Fund-Investment-Projects/**](https://www.amcom.army.mil/Organization/Army-Working-Capital-Fund-Investment-Projects/)

1. **PART/COMPONENT MANAGER:**

**Who currently manages the part/component? Click the appropriate box below.**

 **AMCOM** **[ ]  CECOM** **[ ]**

 **TACOM** **[ ]  DLA** **[ ]**

**Is this project associated with a secondary item managed by AMCOM? Click the appropriate box below.**

 **Yes** **[ ]  No** **[ ]**

**If the current part is not AMCOM managed, will the new part be transitioned to AMCOM management when the project is complete?**

 **Yes [ ]  No [ ]**

1. **PRIMARY SERVICE PROVIDER EXPERIENCE/CAPABILITY: Click appropriate box below.**

**Are you the Current or Previous approved source? Yes** **[ ]  No** **[ ]**

**Do you currently have Quality Certificates? Yes** **[ ]  No** **[ ]**

**Are you currently designing a similar Part/Component? Yes** **[ ]  No** **[ ]**

**If yes, please describe similar Part/Component**  Enter Information Here

**Are you currently manufacturing a similar Part/Component? Yes** **[ ]  No** **[ ]**

**If yes, please describe similar Part/Component**  Enter Information Here

**Are you currently in the process of becoming an approved source for this Part/Component or a similar Part/Component?**

**Yes** **[ ]  No** **[ ]**

**If yes, please describe status**  Enter Information Here

1. **SYSTEM INFORMATION: Select all Aviation or Missile Project Management Offices affected by the proposed solution.**

**Aviation:** Apache [ ]  AMSA [ ]  **Missile:** IFMC [ ]  STARE [ ]

 ATE [ ]  Cargo [ ]  IFRCO [ ]  STORM [ ]

 Fixed Wing [ ]  FARA [ ]  SHIELD [ ]  TAGM [ ]

 FLRAA [ ]  MNAS [ ]

 UAS [ ]  Utility [ ]

1. **PROJECT COST SUMMARY:** **Enter the total amount of funding required for this project in base year** **FY 2024 constant dollars. Total costs should include all required costs to implement your recommended change to include, but not limited to, Engineering, Qualification, Testing, Documentation, First Articles, Travel, etc. As a reminder, funds are subject to availability. Projects requesting funding for fiscal years other than FY24 will not be considered. However, multi-year funding is acceptable but must include a request for FY24.**

**Funding Required:** **FY24**  Enter Data **FY25**  Enter Data **FY26**  Enter Data  **Total**  Enter Data

**Has this project received AWCF funding from this program in the past? Yes** **[ ]  No** **[ ]**

**If yes, please provide funding year(s) and funding amount(s):**

 Enter Information Here

1. **CONTRACTING:**

**Do you have an existing contract vehicle which could be used for this project? Yes** **[ ]  No** **[ ]**

**If yes, can that contract accept AWCF funding? Yes** **[ ]  No** **[ ]**

**If yes, please provide contract details to include POC:**

 Enter Information Here

**When will this contract expire?**

 Enter Information Here

**If no, please provide proposed contracting approach and contracting agency:**

 Enter Information Here

**Is there an existing supportability agreement (e.g. 7600A) between AMCOM and any gov’t organization that will be accepting AWCF funding?**

 Enter Information Here

**Has a pre-award survey been conducted? If so, when did it occur? If not, why was it not necessary?**

 Enter Information Here

1. **CATEGORY: Pick ONE applicable category which is the primary focus of this project. This will be the main focus of the technical evaluation. If there are secondary benefit categories, select additional boxes as appropriate.**

**Category Primary Secondary**

Critical Obsolescence**[ ]** **[ ]**

Reliability/Maintainability Improvement**[ ]** **[ ]**

Operating and Support Cost Reduction/Return on Investment**[ ]** **[ ]**

1. **PROBLEM STATEMENT:**
	1. **Part Description: Provide a detailed description of the part or item under consideration and its function or role.**

 Part Description Here

* 1. **Problem Description: Provide a detailed description of the problem(s) related to the part or item under consideration.**

 Problem Description Here

* 1. **Root Cause(s): Include all known details regarding any known conditions and/or root causes that have led to the problem. Problem statement should reference any substantiating data sources and/or analysis. Specify all specific metrics (reliability, supply, etc.) which could be used to validate the root cause identified for the problem.**

 Root Cause Here

* 1. **Substantiating Data: Provide substantiating data for the problem statement and root cause(s). Reference any data sources and/or analysis that substantiates the problem statement and root cause. Specify all specific metrics (reliability, supply, etc.) which could be used to validate the root cause identified for the problem.**

 Enter Information Here

1. **PROPOSED SOLUTION/TECHNICAL DESCRIPTION: Provide a detailed description of what this project will accomplish and the anticipated outcome of this effort. (Describe the proposed solution and in general how implementing this solution will be beneficial.) Describe specifically what this project is trying to accomplish and explain how this addresses the problem(s) described in Section 10. Indicate the Technology Readiness Level (TRL) of the proposed solution by clicking the appropriate box. A minimum TRL of 6 is required for AWCF funding.**

 Solution/Description and Desired Effect Here

 **TRL Technology Description**

**[ ]**  1 Basic Principles Observed and Reported

**[ ]** 2 Technology Concept and/or Application Formulated

 [ ]  3 Analytical and Experimental Critical Function and/or Characteristic Proof-of-Concept

 [ ]  4 Component and/or Breadboard Validation in Laboratory Environment

 [ ]  5 Component and/or Breadboard Validation in Relevant Environment

 [ ]  6 System/Subsystem Model or Prototype Demonstration in a Relevant Environment

 [ ]  7 System Prototype Demonstration in an Operational Environment

 [ ]  8 Actual System Completed and “Flight Qualified” Through Test and Demonstration

 [ ]  9 Actual System “Flight Proven” Through Successful Mission Operations

1. **ANALYSIS OF ALTERNATIVES:**
	1. **ALTERNATIVE COURSES OF ACTION CONSIDERED: Discuss all courses of action that were considered or performed to address the problem, other than the proposed solution in Section 11. Why were those courses of action not pursued or deemed inadequate? Was Advanced Manufacturing (AM) considered as a potential mitigation strategy?**

DISCUSS ALTERNATIVE COURSES OF ACTION HERE

* 1. **SUBSTANTIATING DATA: Project submissions are REQUIRED to include an Economic Analysis (EA) of the proposed solution. If another similar report is already available (e.g. Business Case Analysis, SD-22, Cost-Benefit Analysis, Value Engineering Study, etc.), that may be provided in lieu of the EA. Example documentation can be found on the AWCF Investment Program website (https://www.amcom.army.mil/Organization/Army-Working-Capital-Fund-Investment-Projects/).**

**Have you included an EA or similar substantiating data in your submission packet? Yes [ ]  No [ ]**

1. **TECHNICAL CRITERIA: Based on your primary selection in Section 9 (Category), provide a detailed description of how this project will provide a solution to that particular selected criteria. Secondary areas selected can be discussed below but are not required submissions.**
	1. **CRITICAL OBSOLESCENCE: If applicable, describe in general the tangible and intangible benefits of the impact on obsolescence. Address obsolescence issues with the item(s) impacted; to include availability of the NSN(s) affected before and after project completion, stock levels, demand rates and # of suppliers. Provide the anticipated date of obsolescence (i.e. when the item will no longer be supportable). Provide the source of the obsolescence; i.e. OEM, CCDC AvMC, Vendor, etc. Discuss how the proposed solution will resolve current or anticipated obsolescence issues. Complete answers are required in order to evaluate submission; “Unknown” and “N/A” are not acceptable inputs.**

 DISCUSS OBSOLESCENCE HERE

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nomenclature (Same as table in Section 3.)** | **NSN (Same as table in Section 3.)** | **\*Part No. of Obsolete ITEM** | **\*Stock on Hand of ITEM** | **\*Demand rate of ITEM (per month)** | **\*Date ITEM becomes Unavailable** | **\*Date ITEM becomes Unprocurable** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **\* Provide specific information, if available, about the obsolete item, i.e. obsolete piece parts which are in the component or subcomponent.** |

* 1. **RELIABILITY: Describe the tangible and intangible benefits of the impact on reliability and reference the specific data sources used (2410, ASAP, RIMFIRE, IPL Listing, etc.) for your reliability metrics. Address the current reliability metrics of the item being impacted (e.g. Mean Time Between Failure, Mean Time Between Repair, Mean Time Between Removal, etc.) and discuss how project execution will impact the reliability/dependability of the item(s) and affected system or subsystem. Indicate what the anticipated percent increase or decrease in reliability will be as a result of implementing this project.**

 DISCUSS RELIABILITY METHODOLOGY HERE

**For Items in Section 3. (above), fill out the following table.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Nomenclature (same as table in Section 3.)** | **NSN (same as table in Section 3.)** | **Percent Change in Reliability of NSN** | **Source of Reliability Data (Analysis, Testing, Similarity)** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

* 1. **LIFE CYCLE COST REDUCTION: Please fill out the EA (Economic Analysis) Summary provided in the FY** **2024 AWCF Investment Datacall documentation. This EA Summary is required along with an EA spreadsheet containing the detailed calculations of the status quo and alternative costs. An EA must be provided and validated IAW AMC 37-4. Provide the Current Cost (Status Quo) associated with the part or component impacted by this proposal and the estimated savings/avoidances (e.g. procurement, operating and support, etc.) over a ten (10) year period, or life of the system. (Add additional lines to the table as needed.) Impacts should be calculated from the implementation date (e.g. fielding date of new configuration or MWO, publication date of Technical Publication or AWR). Indicate gross savings/cost avoidance over 10 years, or the life of the system, and the Return on Investment (in base year FY** **2024 constant dollars) on the lines below and describe the method used to estimate the savings in the box below ($$/event and/or # of events). Discuss how implementing the proposed solution will affect maintainability of the system and whether or not it adds prognostic/diagnostic capabilities. Projects with a higher ROI will score better, but there is no minimum ROI required.**

 DISCUSS LCCR/ROI METHODOLOGY HERE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fiscal Year | A) Requested Funding (Investment) | B) Current Cost (Status Quo) | C) Projected Cost (Alternative) | \*Projected Gross Savings = B - C |
| FY24 |  |  |  |  |
| FY25 |  |  |  |  |
| FY26 |  |  |  |  |
| FY27 |  |  |  |  |
| FY28 |  |  |  |  |
| FY29 |  |  |  |  |
| FY30 |  |  |  |  |
| FY31 |  |  |  |  |
| FY32 |  |  |  |  |
| FY33 |  |  |  |  |
| **Totals:** |  |  |  |  |
| **\*Projected gross savings should start when project is implemented. Add more years if the savings period is beyond FY33.** |

**Gross Savings (in Base Year FY** **2024 Constant Dollars):**  Enter Information Here

**Return on Investment (ROI) (Gross Savings ÷ Funding Requested):**  Enter Information Here

* 1. **ADDITIONAL BENEFITS: Describe in general the other benefits (impact on time, maintenance burden, demands, training, etc.) of implementing the proposed solution.**

 DISCUSS ADDITIONAL BENEFITS HERE

* 1. **READINESS IMPACT: Describe in general the current readiness issues related to the part or item (e.g. Not Mission Capable Maintenance, Not Mission Capable Supply, Back Orders, etc.). Explain how this project will improve readiness and readiness metrics.**

 DISCUSS READINESS IMPACT HERE

1. **TECHNICAL APPROACH: Discuss in detail your approach to successfully meet the following technical areas for the proposed solution. Include detailed rationale for each of these areas as they will be evaluated and scored using the input submitted. Risks will be considered high if not addressed thoroughly. Complete response to all sections of this question is mandatory for submission acceptance.**

**Has this proposal been reviewed by the Aviation and Missile Center (AvMC) System Readiness Directorate (SRD) from an airworthiness perspective?**

**Yes** **[ ]  No** **[ ]**

**Please provide the POC within SRD:**  Enter Information Here

* 1. **DESIGN/DEVELOPMENT PLAN: Is this a new idea, an established idea, or an old idea being used in a new way? Has a Technology Readiness Assessment (TRA) been completed for the new ideas?**

 DISCUSS DESIGN/DEVELOPMENT PLAN

* 1. **PROTOTYPING PLAN: Do you have an established prototype or does one need to be built?**

 DISCUSS PROTOTYPING PLAN

* 1. **TESTING & QUALIFICATION PLAN: Do you have an established test plan? What are the testing standards which will be used as part of the evaluations? Who will complete the testing? Once testing is complete, who will qualify the solution for use and what standards will they use?**

 DISCUSS TESTING & QUALIFICATION PLAN

* 1. **MANUFACTURING PLAN: Are there manufacturers for your solution? If so, how many items have they produced successfully? Is there a COTS version of your solution or is this only built for the defense or space industries? Is Advanced Manufacturing (AM) a possible improvement strategy?**

 DISCUSS MANUFACTURING PLAN

* 1. **PROJECT MANAGEMENT PLANS: Do you have a Project Management Team established and have the required documents for success (PWS (Performance Work Statement), IMS (Integrated Master Schedule), IGE (Independent Government Estimate), Budget, Contract Deliverables List, etc.) been identified and approved?**

 DISCUSS PROJECT MANAGEMENT PLANS

* 1. **SAFETY: If applicable, describe in general the tangible and intangible benefits on safety. Address the frequency (i.e. probability of safety incident) and severity of any safety event (loss of life, potential loss of life, injury, loss of equipment, etc.) related to the item affected by this project. Address how the proposed solution will resolve these safety issues. What is the impact to the warfighter if implemented? Not implemented? A standard Hazard Probability Matrix will be used to score projects.**

 DISCUSS SAFETY PLANS

1. **IMPLEMENTATION/FIELDING PLANS: Describe how the proposed solution will be implemented upon successful completion of this project. Address all relevant issues (who is purchasing and installing new design, which manuals will need to be revised, new training required, fielding strategy, etc.). Completion of this section is mandatory for submission acceptance.**

 DISCUSS IMPLEMENTATION/FIELDING PLANS HERE

1. **LOGISTICS SUPPORT CONSIDERATIONS:**
	1. **How will this item be supported? Procurement, repair, both?**

 Enter Information Here

* 1. **If this item is reparable, is it repaired at the field, depot, contractor, or multiple?**

 Enter Information Here

* 1. **Is this item supported through Performance Based Logistics (PBL)? If so, is it under a PBL for the life of the systems/items? Is the PBL contract funded by AWCF? What is PBL Period of Performance?**

 Enter Information Here

* 1. **Is the contractor an Original Equipment Manufacturer (OEM) or is this a competitive supplier?**

 Enter Information Here

* 1. **Are you experiencing obsolescence or Diminishing Manufacturing Sources and Material Shortages? If so, when will the contractor go out of production?**

 Enter Information Here

* 1. **Was a life-of-type buy made? If so, how many items were bought?**

 Enter Information Here

* 1. **What is the stock posture of the old part? Please include average monthly demands (AMD), stock on hand (SOH), due-outs, due-in on Purchase Orders (POs)/(contract) as well as Purchase Request (PR)/open procurements.**

 Enter Information Here

* 1. **Are there any open Backorders? Yes [ ]  No [ ]**

**NMC:**  Enter Information Here  **Routine:**  Enter Information Here

* 1. **When is it expected that this item will go zero balanced?**

 Enter Information Here

* 1. **Will the new item be available before the old item goes zero balance? Yes [ ]  No [ ]**

**If not, what will you do to meet demands?**

 Enter Information Here

* 1. **Is there any new training, equipment, or maintenance, facilities, doctrine, or personnel required to support the new item?**

 Enter Information Here

1. **LINE OF BALANCE (LOB) INFORMATION: Provide the current line of balance information for the affected item by filling out the PowerPoint slide (HQ AMC LOB format.pptx) included in the Data Call Announcement message using your organization’s LOB data for the part(s) of interest. Extend the Line of Balance period out to the month it becomes zero balance. Save the LOB chart and include it with your project submission packet. For Industry submissions, contact your sponsor in the affected PM(s) to obtain the necessary information to complete the chart.**
2. **FUNDING AND CONTRACTING DETAIL: Provide a breakdown of how funds would be obligated and which organization would receive those funds.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Organization** | **Gov’t, Prime / OEM, Small Biz** | **Purpose** | **Amount** |
| **FY24** | **FY25** | **FY26** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **TOTALS** |  |  |  |

**If funding is required to support in-house Government salaries, provide the following detail for** **FY24 (list each organization and pay grade separately):**

|  |  |  |
| --- | --- | --- |
| **Organization** | **Pay Grade** | **Funding Required** |
|  |  |  |
|  |  |  |
|  |  |  |

1. **PROJECT EXECUTION AND IMPLEMENTATION SCHEDULE: Minimum input required is indicated below. Add any other activities as required for your specific project, or provide a separate milestone schedule.**

|  |
| --- |
| **PROJECT EXECUTION AND IMPLEMENTATION SCHEDULE** |
| **Activity** | **Planned Date** |
| Contract Award Date | Enter Data Here |
| PDR Date | Enter Data Here |
| Engineering Completion Date (ex. CDR) | Enter Data Here |
| Testing Completion Date | Enter Data Here |
| ECP Approval Date | Enter Data Here |
| Technical Documentation Completion Date | Enter Data Here |
| Spares Contract Award Date | Enter Data Here |
| System Production Cut-In Date | Enter Data Here |

1. **PM OFFICE ENDORSEMENT STATUS: Provide a signed memo showing that the project has official endorsement from the affected PM offices.**

**Have you included a signed PM Endorsement Memo in your submission packet? Yes [ ]  No [ ]**

1. **DATA RIGHTS: Discuss all data rights issues associated with the project using the Army Directive 2018-26 (Enabling Modernization Through the Management of Intellectual Property) as a reference. Is IP material to the request? Indicate whether AWCF funded development work is proposed to be performed by a contractor or organic engineering center that should generate design specification technical data or computer software and explain. If “no,” following is not necessary except for ID and documentation of local legal counsel concurrence.**

DISCUSS DATA RIGHTS HERE: Government will have unlimited/limited/government purpose. (Include a thorough, detailed response that is specific to the project that explains why the Government will have that level of data rights.)

1. **PROJECT POCS: (Project Manager, Technical Lead, Logistics Lead, Budget Specialist, Contracts Specialist, etc.) Government POCs must be identified if established. Add other POCs as needed, such as contractors.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Office** | **Phone** | **E-Mail** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |