

***NAVAL SUPPLY SYSTEMS COMMAND***

**LECP Submittal Form**

(Revision –December 2015)

Logistics Engineering Change Proposals (LECPs) are reliability or maintainability related ECPs for NAVSUP WSS managed items. LECPs are sponsored and funded by NAVSUP WSS’ Navy Working Capital Fund (NWCF) dollars and designed to reduce support costs while maintaining or improving safety and performance.

This form provides the basic data required to create a Return on Investment (ROI) analysis. All candidates with a positive (1 to 1 or better) ROI in seven years will be considered for approval.

It is recognized that most of the costs will be estimates and that some data is not available at the time of submission. All data elements that do not apply to this proposal should be annotated with Not Applicable (N/A).

For aviation candidates, the LECP Team recommends this submittal be reviewed by both NAVAIR (Program Office) and the affected NAVSUP WSS Philadelphia Integrated Weapons Support Team (IWST) *prior* to submission.

Note: ROI is determined through a comparison of required NWCF investments to associated reductions in Fleet AVDLR costs over the seven year investment period. If the change does not result in a reduction to Fleet AVDLR costs it will NOT meet LECP investment criteria.

**Submitting an Aviation LECP Nomination:**

The LECP Form should be forwarded via email to [NAVSUPWSSLECP.FCT@NAVY.MIL](mailto:NAVSUPWSSLECP.FCT@NAVY.MIL)

**Submitting a Maritime LECP Nomination:**

If an LECP candidate for a NAVSUP WSS Mechanicsburg maritime managed item appears viable, send an email to [NAVSUPWSSLECP.FCT@NAVY.MIL](mailto:NAVSUPWSSLECP.FCT@NAVY.MIL) and it will be forwarded to the responsible coordinator

**LECP Submittal Form**

**Page 1 - Identification/Overview**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Activity/Company Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Activity/Company Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Phone/Fax: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Description of Problem: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

*(Including impact on current) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*(Fleet AVDLR FHP costs)* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Proposed Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

*(How will this idea reduce fleet) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*(AVDLR FHP costs?)* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**NSN/Part # of Problem Item: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nomenclature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**System: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Platform / Type Model Series: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**LECP Submittal Form**

**Page 2 – Contractor/Proposer Investment Costs**

|  |  |
| --- | --- |
| **DATA ELEMENT** | **PROPOSED** |
| Design/development cost (Post R&D) |  |
| Engineering Development Models (EDMs) cost |  |
| Contractor Testing cost |  |
| Technical Data (Full Production Drawings) cost |  |
| Technical publication revision cost |  |
| Support Equipment cost |  |
| Training cost |  |
| ECP Preparation cost |  |
| Software cost |  |
| Tooling cost |  |
| Fee/other contractor costs |  |
| Installation (Hardware) cost per Unit |  |
| Installation (Labor) cost per Unit |  |
| Rework/Modification Cost per Unit |  |

**LECP Submittal Form**

**Page 3 – Proposer Investment Costs (Info generally provided by Program Office)**

|  |  |
| --- | --- |
| **DATA ELEMENT** | **PROPOSED** |
| Required Testing, US Navy Field Activities Costs |  |
| ECP Preparation cost |  |
| Maintenance Plan Preparation / Revision cost |  |
| Technical publication revision cost |  |
| Tech. Pub. Reproduction & Distribution costs - NATEC or NAVSEA |  |
| Supply/Provisioning data or DCN costs |  |
| Field Activity support equipment costs |  |
| Field Activity software development cost |  |
| Other Field Activity costs |  |

**LECP Submittal Form**

**Page 4 – Required Data Elements for ROI Analysis**

|  |  |  |
| --- | --- | --- |
| **DATA ELEMENT** | **CURRENT** | **PROPOSED** |
| Proposer is offering warranty of\_\_\_\_\_ years | NA |  |
| Terms of warranty | NA |  |
| Mean Time Between Failures |  |  |
| Methodology Type (See Description – please attach a copy with submission) | NA |  |
| Where is proposed item to be installed (O,I,D, etc.)? | NA |  |
| Attrition (A) or forced retrofit (R) replacement plan | NA |  |
| Lead Time of production (months) | NA |  |
| Estimated Delivery Date | NA |  |
| Production capacity per month | NA |  |
| Installation capacity per month | NA |  |
| Platform quantity |  |  |
| Installs per platform |  |  |
| Spares - retail | NA |  |
| Spares - wholesale | NA |  |

**LECP Submittal Form**

**Page 5 - Part Specific Information**

|  |  |  |
| --- | --- | --- |
| **DATA ELEMENT** | **CURRENT** | **PROPOSED** |
| Cognizance Code |  |  |
| NIIN |  |  |
| Part Number |  |  |
| Part Name |  |  |
| Source Maintenance & Recoverability Code |  |  |
| Quantity per Install |  |  |
| On-Order |  |  |
| Survival Rate |  |  |
| Back-Orders |  |  |
| RFI Assets - quantity |  |  |
| Non-RFI Assets - quantity |  |  |
| Average number of Depot actions per year |  |  |
| Mean flight hours between depot actions (MFHBD) |  |  |
| Repair Price (B055A) |  |  |
| Average Procurement Quantity Per Year |  |  |
| Replacement Price (B055) |  |  |

**Submittal Form Descriptions**

|  |  |
| --- | --- |
| **Element Name** | **Description** |
| Cognizance Code | Prefix to the National Stock Numbers to identify and designate the Inventory Control Point which exercises supply management (i.e. 1R/7R). |
| Description of Problem | Text describing problem which the initiative will solve, and  need for change. |
| Design/development cost | Non-recurring investment cost for design and development,  charged by contractor. |
| Due- In | Quantity due-in on contract or purchase requisition for particular part. |
| ECP Preparation cost | Non-recurring investment cost for ECP preparation, charged by Contractor on page 2 or Navy on page 3. |
| Engineering Development Models (EDMs) cost | Non-recurring investment cost for engineering development  models, charged by contractor. |
| Estimated Delivery Date | Date at which delivery of the proposed item is expected to start. |
| Field Activity software development cost | Non-recurring investment cost for software development, incurred by Navy. |
| Field Activity support equipment costs | Non-recurring investment costs for support equipment incurred by Navy. |
| Forced attrition (A) or retrofit (R) replacement plan | Indicates whether installation of new part(s) will be through  attrition (A) or retrofit (R) |
| Installation (Labor) cost per unit | Unit cost of labor for installation of proposed item. |
| Installation (Hardware) cost per Unit | Cost of installation for proposed item, per unit. |
| Lead Time of production (months) | Number of months required to produce the part. |
| Maintenance plan preparation/revision cost | Non-recurring investment cost for maintenance plan. |
| Mean time between failures (MTBF) | Mean time between failures for each component part. |
| Methodology Type | Selection of general type of methodology used to estimate improvement in MTBF. Select one of the following:  1 -Same system experiencing this reliability on other weapons  Platforms.  2 - Similar system experiencing this reliability on other weapons platforms.  3 - Similar technology experiencing this reliability.  4 - Prototype testing.  5 - Engineering analysis.  6 – Other. |
| Other Field Activity costs | Other non-recurring investment costs incurred by Navy. |
| Part Name | Manufacturer or common part name for particular part. |
| Part Number | Number used to identify an item of production, including manufacturer or government part, drawing, model, type and source controlling numbers and specifications or standard part, drawing, or type numbers. |

**Submittal Form Descriptions**

|  |  |
| --- | --- |
| **Element Name** | **Description** |
| Platform quantity | Number of the platform (ships or aircraft or support equipment) currently in operation. |
| Predicted Mean Time Between Failures | Average number of operating hours between part failures. |
| Production capacity per month | Number of the proposed item that can be produced by the proposer per month. |
| Installation capacity per month | Number of the proposed item that can be installed per month. |
| Proposed Solution | Text describing the proposed solution, and justification. |
| Quantity per Install | Number of particular part needed per install. |
| Repair Price (B055A) | Unit cost of repair incurred by NAVSUP WSS. |
| Replacement Price (B055) | Unit price of a replacement for a repairable item, incurred by NAVSUP WSS. |
| Required Testing, US Navy Field Activities Costs | Investment cost of testing, incurred by Navy personnel. |
| Rework/Modification Cost per Unit | Unit cost of rework and modification of existing items. |
| Software cost | Non-recurring investment cost of missionization software, charged by contractor. |
| Source Maintenance & Recoverability Code | Multi-valued code that identifies the source of the part, where and how it is maintained, its recoverability, and other aspects of the maintenance of the part. |
| Spares - retail | Spare quantity required for proposed part at retail level. |
| Spares - wholesale | Spare quantity required for proposed part at wholesale level. |
| Supply/Provisioning data or DCN costs | Non-recurring investment cost for provisioning or DCNs, incurred by Navy. |
| Support Equipment cost | Non-recurring investment cost for support equipment from contractor. |
| Tech. Pub. Reproduction & Distribution costs - NATEC or NAVSEA | Non-recurring investment cost for reproduction and distribution of technical manuals, incurred by Navy. |
| Technical Data (Full production drawings) cost | Non-recurring investment cost for production of technical data and drawings, charged by contractor. |
| Technical publication revision cost | Non-recurring investment cost for revisions of technical publications, charged by contractor or Navy. |
| Terms of warranty | Reference to document describing terms of contractor warranty. |
| Testing cost | Non-recurring investment cost for testing, charged by contractor. |
| Tooling cost | Non-recurring investment cost for tooling and missionization  hardware, charged by contractor. |
| Training cost | Non-recurring investment cost for training by contractor. |
| Where is proposed item to be installed | Location where item is to be installed (O,I,D, etc.). |