

**D.12 Phase II Proposal Submission**

The purpose of this section is to identify a structure with which various life cycle costs associated with each component of the IDS can be accurately reported and mapped to different system evaluation processes. The costs reported with Phase II proposal submissions shall be submitted in accordance with the format prescribed in **Table D-159: Cost Reporting Structure and Description** and in accordance with the following instructions.

Life cycle cost estimates shall be provided to the lowest levels for all applicable elements of the WBS and ACC. The sum of all **Table D-159: Cost Reporting Structure and Description** costs relating to a particular CLIN must be consistent with deflating the total CLIN contract cost to FY98 dollars using the inflation rates specified in **Table C-58A: Inflation Factors**. Likewise, for comparison purposes between **Table D-159: Cost Reporting Structure and Description** and the notional funding streams, any portion of the funding stream not provided in FY98 dollars will be adjusted to FY98 dollars using the inflation rates specified in **Table C-58A: Inflation Factors**.

**Table D-159: Cost Reporting Structure and Description**

Field Names	Format	Description
IndustryTeamID	Text	Industry team identifier.
ContractType	Text	Contract Type. See <b>Table D-160: Contract Types</b> for selection of the type of contract with the U.S. Coast Guard that this item is anticipated to fall under.
ContractTraceability	Text	If selection from ContractType relates to a CLIN, specify the associated Contract Line Item Number from Section B. If NCGI, enter "NCGI."
Component	Text	Component Type. See <b>Table D-107: IDS Component Type</b> for selection.
Phase	Text	Phase of the IDS Acquisition/ Implementation Program associated with the asset reported in the AssetID field. See <b>Table D-104: System Phase</b> for selection.
Type	Text	Class of surface asset or type of aircraft or logistic facility as specified in <b>Table D-128: Functional Design Types</b> .

Field Names	Format	Description
AssetID	Text	<p>For all contract types other than NCGI (see description for ContractType field), enter the AssetID given in <b>Table D-129: Functional Design Surface and Air Assets</b> or <b>Table D-130: Functional Design Logistic Assets</b>. A separate record is required for each unique asset and CLIN.</p> <p>If NCGI and this asset is interchangeable with the other assets of this class or type, enter "All". Entering "All" indicates that the costs associated with all assets in this class or type are interchangeable and pertains to all of the assets in this class or type for this phase of life. Justification for asset interchangeability must be included with the rationale.</p> <p>If NCGI and this asset and/or cost is unique, enter the AssetID given in <b>Table D-129: Functional Design Surface and Air Assets</b> or <b>Table D-130: Functional Design Logistic Assets</b>. A separate record is required for each unique asset/cost.</p>
AccountingCostCategory	Text	Major Accounting Cost Categories (ACCs) as specified in <b>Section D.10</b> . The most detailed ACC applicable to the reported cost must be selected. ACCs X.0 are NOT authorized with the exception of 11.0.
WBSElement	Text	The most detailed WBS Element applicable to the reported cost as specified in <b>Section D.10</b> . WBSs X.0 are NOT authorized.
Year_Qty_Cost	Multi-Element	<p>The data entered in this field is always entered as triples. The first element is the IDS year followed by the quantity and finally the cost as defined as follows:</p> <p>1<sup>st</sup> element is the IDS calendar year, "1" through "40", in which the cost occurs.</p> <p>2<sup>nd</sup> element is the quantity. Unless the AssetID field was reported as "All", the quantity entered will be "1". If the asset is not unique, the quantity will be the number of assets in this class or type.</p> <p>3<sup>rd</sup> element is the cost, in FY98 dollars, of the total cost of asset(s) for this phase of life. The cost reported must be greater than zero.</p> <p>Refer to <b>Section D.6.2: Common Data Formats</b> and <b>Section D.6.3: Electronic Data Files</b> for formatting guidance.</p>
FundingSource	Text	Funding Source. See <b>Table D-161: Funding Sources</b> for selection of the most appropriate funding source in accordance with the USCG Financial Resources Management Manual (COMDTINST M7100.3A).
Description	Text	An explicit reference (e.g. Volume Title/Number, page number, paragraph number/header) to industry team documentation where a detailed description can be found for the item or service associated with the cost. Only one reference can be cited here for the description; the most descriptive/pertinent/detailed reference should be selected. Any items not included in the description are assumed to not be included in the presented cost.
Estimate_Method	Text	Estimating Methodology. See <b>Table D-162: Estimating Methodology and Definitions</b> for selection of the primary estimating method.

Field Names	Format	Description
Rationale	Text	<p>An explicit reference (Volume Title/Number, page number, paragraph number/header) to the industry team documentation where a description of the specific rationale/estimating methodology, to include detailed data source citations, can be found. The referenced description should identify key features of the methodology (e.g. specific historical data employed, type and source of the data, equations, entering arguments, adjustments made, applicable statistics, etc.) Only one reference can be cited here for the rationale; the most descriptive/pertinent/detailed reference should be selected.</p> <p>If “All” is entered for AssetID, the above rationale should include an explanation for why the costs for these assets may be grouped together.</p>
Change	Text	<p>An explicit reference (Volume Title/Number, page number, paragraph number/header) to the industry team documentation where a description of which fields have changed from the data provided in Phase I Final deliverable in <b>Table D-145: Cost Reporting Structure and Description</b>. This only applies to fields that existed during Phase I. Only one reference can be cited here for the change description; the most descriptive/pertinent/detailed reference should be selected. If no changes, enter “None”.</p>
AssetDsgn_ParaNo	Text	<p>Cite an explicit reference (Volume Title/Number, page number, paragraph number/header) to the industry team documentation where the detailed technical information associated with the cost, for the appropriate Air and Surface Asset Designs, are discussed. Only one reference can be cited here for the asset design technical information; the most descriptive/pertinent/detailed reference should be selected. If not applicable, enter “None”. Note: “None” cannot be entered if the Component selected correlates to IDS Component Relationships 1.0 – 8.0 as specified in Appendix D.</p>
C4ISRArch_ParaNo	Text	<p>Cite an explicit reference (Volume Title/Number, page number, paragraph number/header) to the industry team documentation where the detailed technical information associated with the cost, for the C4ISR Architecture, are discussed.. Only one reference can be cited here for the C4ISR technical information; the most descriptive/pertinent/detailed reference should be selected. If not applicable, enter “None”. Note: “None” cannot be entered if the Component selected correlates to IDS Component Relationships 2.0, 4.0, 6.0, or 8.0 – 10.0 as specified in Appendix D.</p>
LogPln_ParaNo	Text	<p>Cite an explicit reference (Volume Title/Number, page number, paragraph number/header) to the industry team documentation where the detailed technical information associated with the cost, for the Logistics Plan, are discussed. Only one reference can be cited here for the Logistics Plan detailed information; the most descriptive/pertinent/detailed reference should be selected. If not applicable, enter “None”. Note: “None” cannot be entered if the Component selected correlates to IDS Component Relationships 3.0, 4.0, 7.0, 8.0, 10.0 or 11.0 as specified in Appendix D.</p>

Field Names	Format	Description
ImplementPln_ParaNo	Text	Cite an explicit reference (Volume Title/Number, page number, paragraph number/header) to the industry team documentation where the detailed technical information associated with the cost, for the Implementation Plan, are discussed. Only one reference can be cited here for the Implementation Plan detailed information; the most descriptive/pertinent/detailed reference should be selected. All cost citations must refer back to the Implementation Plan.

**Table D-160: Contract Types**

<b>ContractType</b>	<b>Description</b>
FFP	Firm Fixed Price
T&M	Time and Materials
FPIF	Fixed Price Incentive with Firm Targets
FPIS	Fixed Price Incentive with Successive Targets
CPIF	Cost Plus Incentive Fee
NCGI	Non-Contract, Government Incurred (does not relate to a CLIN)

**Table D-161: Funding Sources**

<b>FundingSource</b>	<b>Description</b>
AC&I	Acquisition, Construction and Improvement Appropriation per the FRMM
OE	Operating Expense Appropriation per the FRMM

**Table D-162: Estimating Methodology and Definitions**

Estimate Method	Definition
Engineering	An estimate derived by summing detailed cost estimates of the individual work packages, characterized by a thorough, detailed analysis of all tasks, components, processes, and assemblies. Requirements for labor, tooling, and material items are produced by this type of estimating. The application of labor rates, material prices and overhead to the calculated requirements translates the estimate into dollars. For example, a ship construction estimate based on detailed costs at the Ship's Work Breakdown Structure level.
Analogy	An estimate of costs based on the historical cost data of a similar (analog) item and utilizing adjustment factors to account for complexity, technical, or physical differences between the items. For example, logistics estimates based on the LAB 2002 report.
Parametric	(1) A cost estimating methodology, using statistical relationships between historical costs and other program variables such as system physical or performance characteristics, contractor output measures, and manpower loading, etc. (2) An estimating technique which employs one or more cost estimating relationships for the measurement of costs associated with the development, manufacture, and/or modification of a specified end item based on its technical, physical, or other characteristics. For example, cost per pound of engine thrust based on industry averages or inhouse historical data.
Expert Opinion	An estimating method of gathering experts in areas such as engineering, manufacturing, procurement, and testing, etc. to "brain storm" estimates. Estimating by expert opinion is usually utilized only on a new concept with little or no definition, and is marked by decisions based solely on individual judgment and similar experience. For example, an estimate for a C4ISR asset in 2020.
Commercial Price	The cost of an item that meets the commercial item definition in FAR 2.101 where the cost is based on (1) a published price list (prices taken from a catalog, price list, schedule, or other verifiable and established record that is regularly maintained by a manufacturer or vendor and is published or otherwise available for customer inspection); (2) published market prices (prices established in the course of ordinary and usual trade between buyers and sellers free to bargain that can be substantiated from sources independent of the offeror); or (3) similar indexes (commercial item prices established using a means other than those described above, e.g. the prices charged commercial customers over a period of time).