

CSDR Cost and Hour Report (Flex File)

Version 1.0

Data Exchange Instructions

March 5, 2019

1 Overview

The purpose of this document is to provide specific direction for using the File Format Specification for the CSDR Cost and Hour Report (Flex File) to exchange cost-hour data. All amounts are represented in unscaled units. Implicit factors such as thousands or millions are not used.

2 Data

2.1 Tables

2.1.1 ReportConfiguration

Table	ReportConfiguration	
Entity	ReportConfiguration	
Fields	Name	Use Notes
	DetailedStandardCategory	Indicate whether detailed standard categories are being reported.
	GA_AsStandardCategory	Indicate whether G&A is being reported as a standard category.
	FCCM_AsStandardCategory	Indicate whether FCCM is being reported as a standard category.
	ForecastAtCompletion_ByNonrecurringOrRecurring	Indicate whether forecasts at completion are being reported by nonrecurring/recurring.
ForecastAtCompletion_ByStandardCategory	Indicate whether forecasts at completion are being reported by standard category.	
Use Notes		

2.1.2 ReportMetadata

Table	ReportMetadata	
Entity	ReportMetadata	
Fields	Name	Use Notes
	SecurityClassification	If the data are unclassified, mark the security classification as “UNCLASSIFIED”. However, if the data are classified, contact the purchasing agency for special processing instructions. Please note: “Proprietary” is not an official DoD security classification, and should not be marked as such in this space. If the use of a proprietary disclosure statement is required, provide it in the ProprietaryStatement field.
	ProprietaryStatement	If applicable, provide a proprietary disclosure statement.
	ProgramName	Provide the program name.
	PhaseOrMilestoneID	Program the program phase/milestone.
	PrimeMissionProduct	Provide the prime mission product.
	CommodityType	Provide the commodity type.
	ReportingOrganization_OrganizationName	Provide the name of the reporting organization.
	ReportingOrganization_DivisionName	Provide the name of the division of the reporting organization.
	ReportingOrganization_CageCode	Provide the CAGE code for the reporting organization.
	ReportingOrganization_Location_Street	Provide the street address of the reporting organization.
	ReportingOrganization_Location_City	Provide the city in which the reporting organization is located.
	ReportingOrganization_Location_State	Provide the state (or country subdivision) in which the reporting organization is located.
	ReportingOrganization_Location_ZipCode	Provide the ZIP code (or postal code) in which the reporting organization is located.
	ReportingOrganization_Location_Country	Provide the country in which the reporting organization is located.
	ApprovedPlanNumber	Provide the approved plan number.
	ApprovedPlanRevisionNumber	Provide the approved plan revision number.
	CustomerName	Provide the customer name.
	ContractTypeID	Provide the contract type.
	ContractPrice	Provide the contract price.
	ContractCeiling	Provide the contract ceiling.
	ContractNumber	Provide the contract number.
	PeriodOfPerformance_StartDate	Provide the period of performance start date.
	PeriodOfPerformance_EndDate	Provide the period of performance end date.
	ReportCycleID	Report the report cycle.
	SubmissionEvent_Number	Provide the submission event number.

	SubmissionEvent_Name	Provide the submission event name.
	SubmissionEvent_IsWildcard	Indicate whether or not the submission event is a wildcard.
	ResubmissionNumber	Provide the resubmission number.
	ReportAsOf	Provide the report as of date.
	PointOfContact_Name	Provide the name of the point of contact.
	PointOfContact_Department	Provide the department of the point of contact.
	PointOfContact_TelephoneNumber	Provide the telephone number of the point of contact.
	PointOfContact_EmailAddress	Provide the email address of the point of contact.
	DatePrepared	Provide the date the report was prepared.
	ReportingPeriodID	Provide the ID of the current reporting period for the report.
Use Notes		

2.1.3 OrdersOrLots

Table	OrdersOrLots	
Entity	OrderOrLot	
Fields	Name	Use Notes
	ID	Provide the ID for the order/lot.
	Name	Provide the name of the order/lot.
	PhaseOrMilestoneID	Program the phase/milestone.
	CustomerName	Provide the customer name.
	ContractTypeID	Provide the contract type.
	ContractPrice	Provide the contract price.
	ContractCeiling	Provide the contract ceiling.
	PeriodOfPerformance_StartDate	Provide the period of performance start date.
	PeriodOfPerformance_EndDate	Provide the period of performance end date.
	AppropriationTypeID	Provide the appropriation type.
Use Notes		

2.1.4 CLINs

Table	CLINs	
Entity	CLIN	
Fields	Name	Use Notes
	ID	Provide the ID for the CLIN.
	Name	Provide the name of the CLIN.
	ContractTypeID	Provide the contract type of the CLIN.
Use Notes		

2.1.5 EndItems

Table	EndItems	
Entity	EndItem	
Fields	Name	Use Notes
	ID	Provide the ID for the end item.
	Name	Provide the name of the end item.
Use Notes		

2.1.6 WBS

Table	WBS	
Entity	WBSElement	
Fields	Name	Use Notes
	Level	Provide the level of the WBS element.
	ID	Provide the WBS element code (for example, "1.0").
	Name	Provide the name of the WBS element.
	ParentID	Provide the WBS element code of the parent element, if applicable.
Use Notes	There must be a single level 1 element for the WBS.	

2.1.7 Accounts

Table	Accounts	
Entity	Account	
Fields	Name	Use Notes
	ID	Provide the ID for the account.
	Name	Provide the name of the account.
Use Notes		

2.1.8 FunctionalCategories

Table	FunctionalCategories	
Entity	FunctionalCategory	
Fields	Name	Use Notes
	ID	Provide the ID for the category.
	Name	Provide the name of the category.
Use Notes		

2.1.9 FunctionalOverheadCategories

Table	FunctionalOverheadCategories	
Entity	FunctionalOverheadCategory	
Fields	Name	Use Notes
	ID	Provide the ID for the overhead category.
	Name	Provide the name of the overhead category.
Use Notes		

2.1.10 UnitsOrSublots

Table	UnitsOrSublots	
Entity	UnitOrSublot	
Fields	Name	Use Notes
	ID	Provide the ID for the unit or subplot.
	EndItemID	Provide the ID for end item that the unit or subplot represents.
	FirstUnitNumber	Provide the number of the first unit in the subplot, or, if this entity describes a single unit, provide the number of the unit.
	LastUnitNumber	Provide the number of the last unit in the subplot, or, if this entity describes a single unit, provide the number of the unit.
	OrderOrLotID	Provide the ID of the associated order/lot.
Use Notes		

2.1.11 ReportingCalendar

Table	ReportingCalendar	
Entity	ReportingPeriod	
Fields	Name	Use Notes
	ID	Provide the ID of the reporting period. Use an integer, counting up from 1 (i.e. 1, 2, 3, etc.)
	StartDate	Provide the start date of the reporting period.
	EndDate	Provide the end date of the reporting period.
Use Notes	Order of reporting periods is significant. Date ranges for sequential reporting periods must be exclusive and contiguous. Do not include reporting periods unless they have associated cost data and/or they overlap with the contractual period of performance, as defined by the applicable start and end dates in ReportMetadata.	

2.1.12 SummaryCostData

Table	SummaryCostData	
Entity	SummaryCostDataRecord	
Fields	Name	Use Notes
	OrderOrLotID	Provide the ID of the associated order/lot.
	Subtotal_TD	Provide a value in dollars for the Subtotal cost to date.
	Subtotal_AC	Provide a value in dollars for the Subtotal cost at completion.
	GA_TD	Provide a value in dollars for G&A to date.
	GA_AC	Provide a value in dollars for G&A at completion.
	UB	Provide a value in dollars for Undistributed Budget.
	MR	Provide a value in dollars for Management Reserve.
	FCCM_TD	Provide a value in dollars for FCCM to date.
	FCCM_AC	Provide a value in dollars for FCCM at completion.
	Fee_TD	Provide a value in dollars for the Profit/Loss or Fee to date.
	Fee_AC	Provide a value in dollars for the Profit/Loss or Fee at completion.
	Price_TD	Provide a value in dollars for the Total Price to date.
Price_AC	Provide a value in dollars for the Total Price at completion.	
Use Notes		

2.1.13 ActualCostHourData

Table	ActualCostHourData	
Entity	ActualCostHourDatum	
Fields	Name	Use Notes
	OrderOrLotID	Provide the ID of the associated order/lot. If the data are allocated or reported by unit or subplot, omit this field.
	CLIN_ID	Provide the ID of the associated CLIN.
	EndItemID	Provide the ID of the associated end item. If the data are allocated or reported by unit or subplot, omit this field.
	WBSElementID	Provide the ID of the associated WBS element. If the data are allocated, omit this field.
	AccountID	Provide the ID of the associated account.
	NonrecurringOrRecurringID	Provide the ID for the type of data being reported: nonrecurring or recurring.
	FunctionalCategoryID	Provide the ID of the associated functional category.
	FunctionalOverheadCategoryID	Provide the ID of the associated functional overhead category.
	StandardCategoryID	Provide the ID of the associated standard category.
	DetailedStandardCategoryID	Provide the ID of the associated detailed standard category.
	UnitOrSublotID	Provide the ID of the associated unit or subplot. If the data are allocated or not reported by unit or subplot, omit this field.
	AllocationMethodID	Provide the ID of the allocation method, if applicable.
	ReportingPeriodID	Provide the ID of the associated reporting period.
	Tag1	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag2	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag3	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag4	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag5	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag6	Provide a value consistent with the associated cost/hour tag definition, if applicable.
Tag7	Provide a value consistent with the associated cost/hour tag definition, if applicable.	
Tag8	Provide a value consistent with the associated cost/hour tag definition, if applicable.	
Tag9	Provide a value consistent with the associated cost/hour tag definition, if applicable.	
Tag10	Provide a value consistent with the associated cost/hour tag definition, if applicable.	
Tag11	Provide a value consistent with the associated cost/hour tag definition, if applicable.	
Tag12	Provide a value consistent with the associated cost/hour tag definition, if applicable.	
Tag13	Provide a value consistent with the associated cost/hour tag definition, if applicable.	
Tag14	Provide a value consistent with the associated cost/hour tag definition, if applicable.	
Tag15	Provide a value consistent with the associated cost/hour tag definition, if applicable.	
Tag16	Provide a value consistent with the associated cost/hour tag definition, if applicable.	

	Tag17	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag18	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag19	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag20	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag21	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag22	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag23	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag24	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Tag25	Provide a value consistent with the associated cost/hour tag definition, if applicable.
	Value_Dollars	Provide a value in dollars, if applicable.
	Value_Hours	Provide a value in hours, if applicable.
Use Notes	Values for this metric are time-phased non-cumulative. Records only reporting zero values should be omitted.	

2.1.14 ForecastAtCompletionCostHourData

Table	ForecastAtCompletionCostHourData	
Entity	ForecastAtCompletionCostHourDatum	
Fields	Name	Use Notes
	OrderOrLotID	Provide the ID of the associated order/lot.
	WBSElementID	Provide the ID for the WBS element against which data is being reported.
	NonrecurringOrRecurringID	Provide the ID for the type of data being reported: nonrecurring or recurring.
	StandardCategoryID	Provide the ID of the associated standard category.
	DetailedStandardCategoryID	Provide the ID of the associated detailed standard category.
	Value_Dollars	Provide a value in dollars, if applicable.
	Value_Hours	Provide a value in hours, if applicable.
Use Notes		

2.1.15 AllocationMethods

Table	AllocationMethods	
Entity	AllocationMethod	
Fields	Name	Use Notes
	ID	Provide the ID of the allocation method.
	AllocationMethodTypeID	Provide the ID for the allocation method type.
	IsUnitOrSublotAllocationMethod	Indicate whether allocating to units or sublots (true) or not (false).
	Name	Provide the name of the allocation method.
Use Notes		

2.1.16 AllocationComponents

Table	AllocationComponents	
Entity	AllocationComponent	
Fields	Name	Use Notes
	AllocationMethodID	Provide the ID of the allocation method the component is associated with.
	OrderOrLotID	Provide the ID of the order/lot to which dollars or hours are being allocated. If allocating to units or sublots, omit this field.
	EndItemID	Provide the ID of the end item to which dollars or hours are being allocated. If allocating to units or sublots, omit this field.
	WBSElementID	Provide the ID of the WBS element to which dollars or hours are being allocated.
	UnitOrSublotID	Provide the ID of the unit or subplot to which dollars or hours are being allocated. If not allocating to units or sublots, omit this field.
	PercentValue	If applicable, provide the percentage of the dollars or hours being allocated as a fractional decimal (e.g. report 5% as 0.05).
Use Notes		

2.1.17 SummaryRemarks

Table	SummaryRemarks	
Entity	SummaryRemark	
Fields	Name	Use Notes
	OrderOrLotID	Provide the ID of the associated order/lot.
	Text	Provide text for the remarks.
Use Notes		

2.1.18 WBS_ElementRemarks

Table	WBS_ElementRemarks	
Entity	WBS_ElementRemark	
Fields	Name	Use Notes
	OrderOrLotID	Provide the ID of the associated order/lot.
	WBS_ElementID	Provide the ID of the WBS element.
	Text	Provide text for the remark for the WBS element.
Use Notes		

2.1.19 WBS_DictionaryDefinitions

Table	WBS_DictionaryDefinitions	
Entity	WBS_DictionaryDefinition	
Fields	Name	Use Notes
	WBS_ElementID	Provide the ID of the WBS element.
	Text	Provide text for the definition of the WBS element.
Use Notes		

2.1.20 CostHourTagDefinitions

Table	CostHourTagDefinitions	
Entity	CostHourTagDefinition	
Fields	Name	Use Notes
	CostHourTagID	Provide the ID of the tag.
	Name	Provide a name for what the tag represents.
	Text	Provide text for the definition of the tag.
Use Notes		

2.2 Enumerations

2.2.1 PhaseOrMilestoneEnum

Enumeration	PhaseOrMilestoneEnum	
Values	ID	Use Notes
	PRE_A	Use this ID to indicate Pre-A for phase/milestone.
	A	Use this ID to indicate A for phase/milestone.
	B	Use this ID to indicate B for phase/milestone.
	C_LRIP	Use this ID to indicate C-LRIP for phase/milestone.
	C_FRP	Use this ID to indicate C-FRP for phase/milestone.
	O_AND_S	Use this ID to indicate O&S for phase/milestone.
	MULTIPLE	Use this ID to indicate multiple phases/milestones.
Use Notes		

2.2.2 ContractTypeEnum

Enumeration	ContractTypeEnum	
Values	ID	Use Notes
	CS	Use this ID to indicate a Cost Sharing contract.
	CPAF	Use this ID to indicate a Cost Plus Award Fee contract.
	CPFF	Use this ID to indicate a Cost Plus Fixed Fee contract.
	CPIF	Use this ID to indicate a Cost Plus Incentive Fee contract.
	CPIF_PI	Use this ID to indicate a Cost Plus Incentive Fee (with Performance Incentives) contract.
	FFP	Use this ID to indicate a Firm Fixed Price contract.
	FPIF	Use this ID to indicate a Fixed Price Incentive, Firm Target contract.
	FPIST	Use this ID to indicate a Fixed Price Incentive, Successive Targets contract.
	FPIST_PI	Use this ID to indicate a Fixed Price Incentive, Successive Targets (with Performance Incentives) contract.
	FPIFT_PI	Use this ID to indicate a Fixed Price Incentive, Firm Targets (with Performance Incentives) contract.
	FPAF	Use this ID to indicate a Fixed Price Award Fee contract.
	FP_EPA	Use this ID to indicate a Fixed Price with Economic Price Adjustment contract.
	FP_PPR	Use this ID to indicate a Fixed Price with Prospective Price Redetermination contract.
	FCP_RPR	Use this ID to indicate a Fixed Ceiling Price with Retroactive Price Redetermination contract.
	FFP_LOET	Use this ID to indicate a Firm Fixed Price, Level of Effort Term contract.
	IDIQ	Use this ID to indicate an Indefinite Delivery Indefinite Quantity contract.
	LC	Use this ID to indicate a Letter Contract and Undefined Contractual Action (UCA) contract.
	TM	Use this ID to indicate a Time and Materials contract.
OTHER	Use this ID to indicate a contract type not defined above.	
MULTIPLE	Use this ID to indicate multiple contract types.	
Use Notes		

2.2.3 AppropriationTypeEnum

Enumeration	AppropriationTypeEnum	
Values	ID	Use Notes
	RDTE	Use this ID to indicate appropriation for RDT&E.
	PROCUREMENT	Use this ID to indicate appropriation for procurement.
	O_AND_M	Use this ID to indicate appropriation for O&S.
Use Notes		

2.2.4 ReportCycleEnum

Enumeration	ReportCycleEnum	
Values	ID	Use Notes
	INITIAL	Use this ID to indicate an initial report.
	INTERIM	Use this ID to indicate an interim report.
	FINAL	Use this ID to indicate a final report.
Use Notes		

2.2.5 NonrecurringOrRecurringEnum

Enumeration	NonrecurringOrRecurringEnum	
Values	ID	Use Notes
	NONRECURRING	Use this ID to categorize costs/hours as nonrecurring.
	RECURRING	Use this ID to categorize costs/hours as recurring.
Use Notes		

2.2.6 StandardCategoryEnum

Enumeration	StandardCategoryEnum	
Values	ID	Use Notes
	DIRECT_ENGINEERING_LABOR	Use this ID to categorize costs/hours as direct engineering labor.
	ENGINEERING_LABOR_OVERHEAD	Use this ID to categorize costs/hours as engineering labor overhead.
	DIRECT_MANUFACTURING_TOUCH_LABOR	Use this ID to categorize costs/hours as direct manufacturing touch labor.
	DIRECT_MANUFACTURING_OTHER_LABOR	Use this ID to categorize costs/hours as direct manufacturing other labor.
	MANUFACTURING_OPERATIONS_LABOR_OVERHEAD	Use this ID to categorize costs/hours as manufacturing operations labor overhead.
	DIRECT_MAINTENANCE_TOUCH_LABOR	Use this ID to categorize costs/hours as direct maintenance touch labor.
	DIRECT_MAINTENANCE_OTHER_LABOR	Use this ID to categorize costs/hours as direct maintenance other labor.
	MAINTENANCE_OPERATIONS_LABOR_OVERHEAD	Use this ID to categorize costs/hours as maintenance operations labor overhead.
	OTHER_DIRECT_COSTS	Use this ID to categorize costs/hours as other direct costs.
	OTHER_OVERHEAD	Use this ID to categorize costs/hours as other overhead.
	DIRECT_MATERIALS	Use this ID to categorize costs/hours as direct materials.
	MATERIAL_OVERHEAD	Use this ID to categorize costs/hours as material overhead.
	GENERAL_AND_ADMINISTRATIVE	Use this ID to categorize costs/hours as general and administrative.
FACILITIES_CAPITAL_COST_OF_MONEY	Use this ID to categorize costs/hours as facilities capital cost of money.	
Use Notes		

2.2.7 DetailedStandardCategoryEnum

Enumeration	DetailedStandardCategoryEnum	
Values	ID	Use Notes
	DIRECT_ENGINEERING_LABOR	Use this ID to categorize costs/hours as direct engineering labor.
	ENGINEERING_LABOR_OVERHEAD	Use this ID to categorize costs/hours as engineering labor overhead.
	DIRECT_MANUFACTURING_TOUCH_LABOR	Use this ID to categorize costs/hours as direct manufacturing touch labor.
	DIRECT_MANUFACTURING_SUPPORT_LABOR	Use this ID to categorize costs/hours as direct manufacturing support labor.
	DIRECT_MANUFACTURING_TOOLING_LABOR	Use this ID to categorize costs/hours as direct manufacturing tooling labor.
	DIRECT_MANUFACTURING_OTHER_LABOR	Use this ID to categorize costs/hours as direct manufacturing other labor.
	MANUFACTURING_OPERATIONS_LABOR_OVERHEAD	Use this ID to categorize costs/hours as manufacturing operations labor overhead.
	DIRECT_MAINTENANCE_TOUCH_LABOR	Use this ID to categorize costs/hours as direct maintenance touch labor.
	DIRECT_MAINTENANCE_SUPPORT_LABOR	Use this ID to categorize costs/hours as direct maintenance support labor.
	DIRECT_MAINTENANCE_OTHER_LABOR	Use this ID to categorize costs/hours as direct maintenance other labor.
	MAINTENANCE_OPERATIONS_LABOR_OVERHEAD	Use this ID to categorize costs/hours as maintenance operations labor overhead.
	DIRECT_PROGRAM_MANAGEMENT_LABOR	Use this ID to categorize costs/hours as direct program management labor.
	DIRECT_OTHER_LABOR	Use this ID to categorize costs/hours as direct other labor.
	DIRECT_SERVICES	Use this ID to categorize costs/hours as direct services.
	OTHER_DIRECT_NON_LABOR	Use this ID to categorize costs/hours as other direct non-labor.
	OTHER_OVERHEAD	Use this ID to categorize costs/hours as other overhead.
	DIRECT_REPORTING_SUBCONTRACTOR	Use this ID to categorize costs/hours as direct-reporting subcontractor.
	INTERCOMPANY_WORK_ORDERS	Use this ID to categorize costs/hours as intercompany work orders.
	PURCHASED_PARTS	Use this ID to categorize costs/hours as purchased parts.
	PURCHASED_EQUIPMENT	Use this ID to categorize costs/hours as purchased equipment.
	RAW_MATERIALS	Use this ID to categorize costs/hours as raw materials.
	DIRECT_TOOLING_AND_EQUIPMENT	Use this ID to categorize costs/hours as direct tooling and equipment.
	OTHER_MATERIAL	Use this ID to categorize costs/hours as other material.
	MATERIAL_OVERHEAD	Use this ID to categorize costs/hours as material overhead.
	GENERAL_AND_ADMINISTRATIVE	Use this ID to categorize costs/hours as general & administrative.
	FACILITIES_CAPITAL_COST_OF_MONEY	Use this ID to categorize costs/hours as facilities capital cost of money.
Use Notes		

2.2.8 AllocationMethodTypeEnum

Enumeration	AllocationMethodTypeEnum	
Values	ID	Use Notes
	PERCENT	Use this ID to indicate allocation based on explicit percentages.
	PRORATE	Use this ID to indicate allocation based on prorating.
Use Notes		

2.2.9 CostHourTagEnum

Enumeration	CostHourTagEnum	
Values	ID	Use Notes
	TAG1	Use this ID to refer to Tag 1.
	TAG2	Use this ID to refer to Tag 2.
	TAG3	Use this ID to refer to Tag 3.
	TAG4	Use this ID to refer to Tag 4.
	TAG5	Use this ID to refer to Tag 5.
	TAG6	Use this ID to refer to Tag 6.
	TAG7	Use this ID to refer to Tag 7.
	TAG8	Use this ID to refer to Tag 8.
	TAG9	Use this ID to refer to Tag 9.
	TAG10	Use this ID to refer to Tag 10.
	TAG11	Use this ID to refer to Tag 11.
	TAG12	Use this ID to refer to Tag 12.
	TAG13	Use this ID to refer to Tag 13.
	TAG14	Use this ID to refer to Tag 14.
	TAG15	Use this ID to refer to Tag 15.
	TAG16	Use this ID to refer to Tag 16.
	TAG17	Use this ID to refer to Tag 17.
	TAG18	Use this ID to refer to Tag 18.
	TAG19	Use this ID to refer to Tag 19.
	TAG20	Use this ID to refer to Tag 20.
	TAG21	Use this ID to refer to Tag 21.
	TAG22	Use this ID to refer to Tag 22.
	TAG23	Use this ID to refer to Tag 23.
	TAG24	Use this ID to refer to Tag 24.
	TAG25	Use this ID to refer to Tag 25.
Use Notes		