

CONTRACTOR DATA REQUIREMENT LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188				
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defence, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY:					
		A		TDP _____		TM _____			
D. SYSTEM/ITEM NPOESS CONCEPT VAL		E. CONTRACT/PR NO.		F. CONTRACTOR					
				TO BE DETERMINED					
1. DATA ITEM NO.	2. TITLE OF DATA ITEM			3. SUBTITLE					
A001	INTEGRATED MASTER SCHEDULE								
4. AUTHORITY (Data Acquisition Document No.)			5. CONTRACT REFERENCE		6. REQUIRING OFFICE				
DI-MISC-81183/T					ADA				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY BLK16	12. DATE OF FIRST SUBMISSION BLK 16		14. DISTRIBUTION				
	F								
8. APP CODE		11. AS OF DATE BLK 16	13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE		b. COPIES		
							Final		
16. REMARKS					Draft		Reg		
									Repro
<p>4 (cont) Para 10.1, changed to include "Network with critical paths identified."</p> <p>10,11,12,13 (cont) The initial NPOESS IMS will be submitted with the proposal and will be the baseline IMS. Subsequent schedules will be submitted on the 1st of each month.</p> <p>*Distribution shall be one file transferred via the NPOESS Electronic Bulletin Board (EBB).</p> <p>Letter of transmittal (LT) to NPOESS (DMO) on each submittal.</p>					NPOESS (DMO)		1	0	
					15. TOTAL ----->		000	001	000
G. PREPARED BY			H. DATE	I. APPROVED BY		J. DATE			

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

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1. TITLE		2. IDENTIFICATION NUMBER	
Master Integrated Program Schedule (MIPS)		DI-MISC-81183	
3. DESCRIPTION/PURPOSE			
<p>The Master Integrated Program Schedule is an integrated schedule development by a logical networking of program activity detail. The Project Work Breakdown Structure is the foundation of the Program Schedule and provides a hierarchy for schedule traceability and summarization. Program Milestones are included in the Program Schedule to monitor events in the program which define progress and final completion. (cont'd Page 2)</p>			
4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
910415	F/AFSC-ASD/ACCM		
7. APPLICATION/INTERRELATIONSHIP			
<p>7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the contract.</p> <p>7.2 This DID may be applied during the demonstration/validation, full-scale development (FSD), and production phases.</p> <p>7.3 The DID shall be computer based media or manually generated as specified on the DD form 1423.</p>			
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER
			F6103
10. PREPARATION INSTRUCTIONS			
<p>10.1 <u>Format.</u> This precedence diagram shall be in the contractor's format in the form of a network, milestone, and gantt chart.</p> <p>10.2 <u>Content.</u> The Master Integrated Program Schedule shall contain an integrated network based schedule developed from the Project Work Breakdown Structure to include program milestones and definitions, logical network based schedules, summary, intermediate, and detailed schedules, and periodic analysis of progress to date. The schedule shall be vertically and horizontally traceable. Descriptions of the key elements are as follows:</p> <p>10.2.1 <u>Program milestones and definitions.</u> Key programmatic events defined by the contracting agency or weapon system contractor which define progress and completion in each work breakdown structure element along with the Definition for successful completion of the milestone.</p> <p>10.2.2 <u>Summary master schedules.</u> A graphical display of top level program activities and key milestones which depict major work activities in an integrated fashion at the summary level of the WBS, e.g. level 1-3 of the WBS.</p>			
11. DISTRIBUTION STATEMENT			
"DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited."			

3. Description/Purpose (Continued)

3.1 This information will be used to verify attainability of program objectives, evaluate the progress of the government/contractor team toward meeting the program objectives, and to integrate program schedule among all related components.

Block 10. Preparation Instructions (Continued)

10.2.3 Intermediate schedules. A graphical display of top level program activities and key milestones which depict major work activities in a major work breakdown structure element, e.g. level 3-5 of the WBS.

10.2.4 Detailed schedules. A graphical display of detailed activities and milestones which depict work activities in a particular work breakdown structure element, e.g. level 4-8 of the WBS.

10.2.5 Periodic analysis. A brief summary which identifies progress to date, variances to the planned schedule, causes for the variance, potential impacts and recommended corrective action to avoid schedule delays. For each program milestone planned, forecasted and actual completion dates shall be reported. The analysis shall also identify potential problems and a continuing assessment of the network critical path.

10.2.6 Integrated program network. Logical diagram of all activities in the program. The key elements of the integrated network to be constructed in the diagram are as follows:

a. Event - A specific definable accomplishment in the program/project network, recognizable at a particular point in time. Events are numbered and are contained within an activity box.

b. Activity - a time consuming element, e.g. work in progress between interdependent events, represented by an activity box. The left side represents the beginning of the activity, and the right side is the completion of the activity.

c. Duration - average length of time needed to accomplish an event/activity.

d. Constraint - A line that defines how two activities or events are logically linked. It can take up to four (4) forms:

1. FS (finish to start) - An activity must finish before another can start.

2. SS (start to start) - An activity depends on the start of another activity.

3. FF (finish to finish) - One activity cannot finish until another activity is finished.

Block 10. Preparation Instructions (Continued)

4. SF (start to finish) - An activity cannot finish until another activity starts.
- e. Slack or Float - Extra time available on an activity before it will impact an activity on the critical path.
- f. Critical Path - A sequence of activities in the network that has the longest total duration through the program/project. Activities along the critical path have zero or negative slack/float. It should be easily distinguished on the report formats, e.g. a thick line or in red ink. This should be calculated by computer-based software.
- g. Target Start (TS) - Data input operator defined date of when an activity should start. This is an operator defined date rather than a computer calculated date.
- h. Target Complete (TC) - Data input operator defined date of when an activity should finish. This is an operator defined date rather than a computer calculated date.
- i. Actual Start (AS) - Operator defined actual start date of an activity.
- j. Actual Finish (AF) - Operator defined actual finish date of an activity.
- k. Early Start (ES) - The earliest start date an activity can begin the precedence relationships. Computer calculated date.
- l. Early Finish (EF) - The earliest finish date an activity can end. Computer calculated date.
- m. Late Start (LS) - The latest start date an activity can start without delaying the program/project target completion date. Computer calculated date.
- n. Late Finish (LF) - The latest finish date an activity can have without affecting the program/project target completion date. Computer calculated date.
- o. Percent Complete (PC) - Actual progress of an activity from its start to its finish.

10.3 Master Integrated Program Schedule. It shall display all of the proposed program/project activities, events, and milestones from contract award to the completion of the contract.

10.4 Descriptive titles. Activities, events, and milestones shall be labeled with a brief descriptive title, numbered or coded and contain time constraints (e.g. duration, TS, ES, EF, LS, LF, etc.). Standard abbreviations may be used to conserve space. Descriptive titles used on activities, events, and milestones shall be identical on all program/project schedules. A legend shall be provided to aid in ease of reading the schedules.

Block 10. Preparation Instructions (Continued)

10.5 Schedule risk. The schedule shall include a description of the approach that will be taken to limit the schedule risks identified as a result of the contractor's risk assessment. Risk shall be defined considering impact on cost and technical performance and assessing the probability of schedule change.