

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

A. CONTRACT LINE ITEM NO.	B. EXHIBIT A	C. CATEGORY: TDP <input type="checkbox"/> TM <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
D. SYSTEM/ITEM TROJAN Commercial Comms Services	E. CONTRACT/PR NO.	F. CONTRACTOR

16. REMARKS (Continued)

CDRL A0001 Mailing List

Commander: USAISEC

Attn: AMSEL-IE-TS

Mr. Terry Hopkins

Bldg. 53301 CMET 1

Fort Huachuca, AZ 85613

Commander: US Army Intelligence and Security Command

ATTN: IAIM-TJN-DO

Ms. Sarah Meadows

Fort Belvoir, VA 22060

DISA/DITCO

ATTN: PL8222

2300 East Drive

Scott AFB, IL 62225-5406

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
2. TITLE TELECOMMUNICATION SYSTEM INSTALLATION PLAN		1. IDENTIFICATION NUMBER DI-MGMT-81118		
3. DESCRIPTION / PURPOSE 3.1 The Telecommunication System Installation Plan provides detailed installation instructions, drawings, and list of all materials required to accomplish installation of operational parts, components, equipment, subsystems, or systems. An installation schedule is also included. <p style="text-align: right;">(Continued on Page 2)</p>				
4. APPROVAL DATE (YYMMDD) 901219	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) ASQB-SEP-A	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION / INTERRELATIONSHIP 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 requirement as delineated in the contract. 7.2 This Data Item Description is applicable to contracts requiring preparation of a Telecommunication System Installation Plan. Submission of this plan should be scheduled to allow adequate review <p style="text-align: right;">(Continued on Page 2)</p>				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER A6004
10. PREPARATION INSTRUCTIONS 10.1 <u>General</u> . The Telecommunication System Installation Plan shall provide the narrative, graphic, and material requirements data necessary to install the operational parts, components, equipment, subsystems, or systems at each site listed in the contract specification. 10.2 <u>Contents</u> . 10.2.1 <u>Narrative specification</u> . The narrative specification shall include the scope and purpose of the installation plan; list of applicable documents, including drawings provided and reference manuals required during the installation; scheduling considerations; description of construction or building modification required prior-to or during installation; and installation instructions which relate to and supplement the drawings provided in the installation plan. 10.2.2 <u>Drawings</u> . The drawings shall show the location and installation details of all equipment and material to be installed at each site as follows: <p style="text-align: right;">(Continued on Page 2)</p>				
11. DISTRIBUTION STATEMENT DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

Block 3, Description/Purpose (Continued)

3.2 The plan enables the Government to monitor, review, and evaluate the contractor's engineering installation efforts prior to system installation.

Block 7, Application/Interrelationship (Continued)

and incorporation of required changes prior to approval of the installation concept and commencement of on-site installation. The plan shall identify the type of labor to be used and visa and security requirements.

7.3 This DID supersedes DI-E-1137.

Block 10, Preparation Instructions (Continued)

a. Site layout plans showing location and configuration of all existing facilities plus location, configuration, and installation details of all equipment and facilities installed by the contractor. New equipment facilities shall be easily distinguishable from existing facilities. Important dimensions shall be given.

b. Floor plan and equipment layouts showing location and configuration of all existing equipment plus location configuration and installation details of all equipment installed by the contractor. New equipment shall be easily distinguishable from existing equipment. The floor plans shall also show all significant obstructions and include important dimensions.

c. Layout and installation details of contractor-installed cable trays, ladders, and ducts.

d. Rack face elevation drawings of all contractor-furnished equipment, racks, and cabinets. Equipment rack and cabinet details shall be furnished showing ac power distribution, outlets, grounding, and equipment mounting provisions.

e. Cable termination frame type, size, and configurations; terminal block layout; types, and functional assignment.

f. Technical ac power distribution and wiring from the main site technical power panel to the end equipment. Existing and contractor-added wiring and equipment shall be clearly identified.

g. Grounding distribution and connection to equipment, racks, and cabinets from the station earth ground. Existing and contractor-added wiring shall be clearly identified. The latest actual ground resistance reading obtained from the responsible facilities engineer or on site records shall be entered on the grounding plan.

Block 10, Preparation Instructions (Continued)

h. Complete dc power distribution and wiring from actual power source to the end equipment including all switches, circuit breakers, fuses, and other contractor-furnished equipment. Breaker and fuse sizes and types shall be included.

i. Equipment, radio, video (wideband), audio frequency, and control wiring drawings showing the external wiring from the equipment to the frame, or to other equipment (patch bays, peripherals, modems, etc.) if wired direct.

j. Outside plant cable details, entrances, and terminations where contractor provided.

k. Audio frequency and digital (data and TTY) circuit configurations, including signaling and conditioning equipment for all applicable circuits.

l. Wideband, audio frequency and digital (data and TTY) patch panel layouts, details, and assignments.

m. Other interface requirements.

n. Installed test equipment layouts and wiring.

o. Order wire, including order wire multiplex, and fault alarm status display and reporting configuration and wiring.

p. Radio and multiplex including synchronization configuration and wiring.

q. Tower face drawings with all existing and proposed antennas. Details to be included are site coordinates, elevation, tower dimensions, antenna heights, azimuths, mounting heights, sizes, and types.

r. Contractor-installed antenna and platform mounting details.

s. Contractor-installed waveguide type, layout, lengths, and installation details, including pressurization.

t. Test equipment required for installation and checkout.

u. Test equipment required for maintenance and operation.

v. Drawings which contain illustrative matter common to equipment or other configurations and are not site or system peculiar shall be treated as common drawings and shall not be furnished as site drawings.

Block 10, Preparation Instructions (Continued)

10.2.3 Material list. The list of materials shall be provided as an attachment to the narrative specification or as a separate drawing. This list of materials shall include all contractor-furnished equipment, including manufacturer, type, general description, federal stock number (FSN), where available, and manufacturer's part number (MPN).

10.2.4 Personnel statement. The plan shall include information stating the extent to which third-country or other foreign personnel will be used in the installation effort.

10.2.5 Format.

a. The narrative specification shall be prepared on standard letter size paper (8 1/2 x 11 inches). The cover and title pages shall contain the title, name of contractor and contract number, name of procuring activity, and the date of preparation. When attachments are included, they shall be fully identified and referenced in the text.

b. Drawings and associated data lists larger than page size shall be furnished as full size reproductions. These drawings and associated data lists shall be folded and furnished separate from the bound narrative specification.

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DATA ITEM DESCRIPTION

Title: Acceptance Test Plan

Number: DI-QCIC-80553A

AMSC Number: 7641

DTIC Applicable: No

Office of Primary Responsibility: NS/DA02

Applicable Forms: N/A

Approval Date: 14 Nov 2006

Limitation: N/A

GIDEP Applicable: No

Use/relationship: The Acceptance Test Plan details the criteria, performance objectives and list of tests to be performed by the contractor for acceptance tests on systems and equipments.

This Data Item Description (DID) contains format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

This DID is applicable to contracts requiring preparation of an acceptance test.

This DID supersedes DI-QCIC-80553.

Requirements:

1. Reference documents. None.
2. Format. The plan shall be in contractor's format.
3. Contents. The plan shall contain the following:
 - 3.1 Overview. Consists of a brief description of the objectives of the acceptance test plan, including flow diagrams, milestones, personnel participation, and security requirements. This section shall include the following:
 - 3.1.1 Flow diagram. A functional description of the acceptance test program using a block diagram portrayal of the functions that must be met to satisfy the total acceptance program. Functions shall be numbered 1.0, 2.0, 3.0, etc...
 - 3.1.2 Milestones. Identifies the start and expected completion dates of each test to be performed.
 - 3.1.3 Participation. Identifies the Government and Contractor participation roles and responsibilities.

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- 3.1.4 Security. Identify and state briefly any security measures or guidelines to be observed.
- 3.2 Master test list. Lists all tests to be accomplished in the order they are to be performed. Separated listings for each location shall be provided. These listings shall include the following:
 - 3.3 Facility. Location where the acceptance test is to be performed.
 - 3.4 Item number. Number for each piece of equipment or item, test will be performed.
 - 3.5 Test description. Name and brief description of test to be performed.
 - 3.6 Parameters. The number of cycles the test will be performed and selected parameters to be observed.
 - 3.7 Equipment location. Current location of equipment to be tested or used in the acceptance test.
 - 3.8 Special tests. Provides a list of special or unusual tests and examinations necessary to verify satisfactory equipment performance to specifications.
4. Equipment list. The equipment list shall list all equipment to be used in the acceptance test. The listing shall include the following:
 - 4.1 Test equipment. List all test equipment by:
 - a. Description.
 - b. Nomenclature.
 - c. Serial number.
 - 4.2 Support equipment. List all support equipment by:
 - a. Description.
 - b. Nomenclature.
 - c. Serial number.
 - 4.3 Special test equipment. List all special test equipment required to be designed or constructed for use on the program by:
 - a. Description.
 - b. Nomenclature.
 - c. Date required.
5. Validation procedure. An overview of the procedures that the contractor will use to validate the test results.

6. END OF DI-QCIC-80553A