

## APPENDIX A: WEIGHTING PLAN

As discussed in the report, Appendix A describes the weighting plan of the S&S JCSG. The weighting plan provides the descriptions and weights for all military value criteria, characteristics (core functions), attributes, and metrics. The questions that feed the metrics are also provided.

First-order analysis examines the military value of an Activity in light of the military value criteria established by the Office of the Secretary of Defense. Second-order analysis examines the military value of the core functions of a Supply and Storage Activity. The term “characteristic” is used to represent the core functions of the S&S JCSG: supply, storage, and distribution.

Each of the four military value criteria is segmented by the three core functions. As a result, the Supply function (consistently represented as “Characteristic 1”), Storage function (consistently represented as “Characteristic 2”), and Distribution function (consistently represented as “Characteristic 3”) all receive a military value weight for each criteria.

Criteria 3 and 4 have a fourth characteristic that is not assigned its own weight. The fourth characteristic exists to structurally capture the attributes, metrics, and questions that are common across all characteristics within a criterion. The weights for the metrics that fall within Characteristic 4 are calculated as a composite of the weights assigned to the other three functional characteristics for that particular criterion, attribute, and metric.

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### WEIGHTING PLAN

**(35) Criterion 1.**

The current and future mission capabilities and the impact on operational readiness of the Department of Defense's total force, including the impact on joint warfighting, training, and readiness.

**(40) Characteristic 1.** A modern and flexible inventory management process to support and enhance operational readiness, as defined by requirements determination, acquisition, and stock control. (Focus on Supply function)

**(40) Attribute 1.** An effective and efficient requirements determination process.

**(70) Metric 1.** Percent of demands received for stocked items.

**Question 1.** For the Supply and Storage Activity, provide the Total Number of Customer Orders and the Total Number of Customer Orders Received for Stocked Items for each of the fiscal years identified in the table below (FY01, FY02, and FY03).

Scoring: higher answer = higher points.

**(30) Metric 2.** Demand satisfaction.

**Question 2.** For the Supply and Storage Activity, provide the total number of Customer Orders received for items that were fully filled on first submission (nothing backordered, no partial issues), and the total number of all Customer Orders received during the same period for each of the fiscal years identified in the table below (FY01, FY02, and FY03).

Scoring: higher ratio = higher points.

**(30) Attribute 2.** An effective and efficient acquisition process.

**(30) Metric 3.** Total number of contracts awarded and contract actions that were protested and adjudicated in favor of the interested party.

**Question 3.** Within the Supply and Storage Activity and for FY01, FY02, and FY03, provide the total number of contracts awarded and contract actions that were protested and adjudicated in favor of the interested party that submitted the protest (before or after contract award).

Scoring: lower answer = higher points.

**(30) Metric 4.** Total number of contract actions that were ratified after the Government benefited from an unauthorized commitment.

**Question 4.** Within the Supply and Storage Activity and for FY01, FY02, and FY03, provide the total number of contract actions that were ratified after the Government benefited from an unauthorized commitment.

Scoring: lower answer = higher points.

**(40) Metric 5.** Number of contracts managed per person.

**Question 5-A.** For each of the fiscal years indicated below (FY01, FY02, and FY03), provide the total number of open contracts managed by the Supply and Storage Activity. Open contracts are those that are not physically complete or not eligible for close-out procedures for any portion of each fiscal year. Include purchase orders and delivery orders in the total number of contracts.

Scored as ratio with next question, higher ratio = higher points.

**Question 5-B.** For the Supply and Storage Activity in each of the fiscal years identified below (FY01, FY02, FY03), provide the number of personnel engaged in contracting functions. The number of personnel should include Government civilians, military, support contractor personnel and should be expressed as full-time equivalents (FTEs) based on 2087 man-hours.

Scored as a ratio with preceding question, higher ratio = higher points.

**(30) Attribute 3.** An effective and efficient stock control process.

**(35) Metric 6.** Inventory turnover.

**Question 6-A.** For each of the fiscal years shown in the table below (FY01, FY02, and FY03) provide the Supply and Storage Activity's dollar value of annual gross sales or dollar value of annual issues.

Scored as a ratio with next question, higher ratio = higher points.

**Question 6-B.** For each of the fiscal years shown in the table below (FY00, FY01, FY02, and FY03), provide the Supply and Storage Activity's dollar value of inventory on September 30th.

Scored as a ratio with preceding question, higher ratio = higher points.

**(25) Metric 7.** Percentage of stocked items without demands.

**Question 7-A.** For the Supply and Storage Activity, provide the number of NSNs with stock on-hand on 30 Sep 03, that had zero customer demands within the two fiscal years prior to 30 Sep 03.

Scored as a ratio with next question, higher ratio = higher points.

**Question 7-B.** For the Supply and Storage Activity, provide the number of NSNs with stock on hand as of 30 Sep 03?

Scored as a ratio with preceding question, higher ratio = higher points.

**(30) Metric 8.** Number of NSNs managed per person.

**Question 8-A.** Provide the number of NSNs managed by the Supply and Storage Activity at the end of the fiscal years shown below (30 Sep 01, 02, and 03). Include stocked and non-stocked items in the number of NSNs managed.

Scored as a ratio with next question, higher ratio = higher points.

**Question 8-B.** For the Supply and Storage Activity, for each of the fiscal years identified below (FY01, FY02, and FY03), provide the number of personnel engaged in stock control functions. The number of personnel should include Government civilians, military, support contractor personnel and should be expressed as full-time equivalents (FTEs) based on 2087 man-hours. Stock control is defined as the process of maintaining inventory data on the quantity, location, and condition of supplies and equipment due-in, on-hand, and due-out; and the determination of quantities of materiel and equipment available and/or required for issue.

Scored as a ratio with preceding question, higher ratio = higher points.

**(10) Metric 9.** Percent PICA items managed.

**Question 9-A.** Of all NSNs managed on 30 Sep 03, for how many NSNs was the Supply and Storage Activity designated as the Primary Inventory Control Activity (PICA).

Scored as a ratio with next question, higher ratio = higher points.

**Question 9-B.** For the Supply and Storage Activity, provide the total number of NSNs managed on 30 Sep 03.

Scored as a ratio with preceding question, higher ratio = higher points.

**(25) Characteristic 2.** Support and sustain the worldwide projection of military power, as defined by the capability to receive, store and issue supplies and materiel. (Focus on Storage function)

**(25) Attribute 1.** An effective and efficient receiving process.

**(60) Metric 10.** Receiving throughput.

**Question 10.** For each of the fiscal years shown below (FY01, FY02, and FY03), provide the total number of receipts processed by the Supply and Storage Activity. Receipt processing is defined as all actions taken by a receiving activity from the physical turnover of materiel by a carrier until the on-hand balance of the accountable stock record file or in-process receipt file is updated to reflect the received materiel as an asset in storage, or the materiel is issued directly from receiving to the customer.

Scoring: higher answer = higher points.

**(20) Metric 11.** Average receipt processing time.

**Question 11-A.** For each of the fiscal years shown in the table below (FY01, FY02, and FY03), provide the Supply and Storage Activity's total receipt processing time in hours over the FY.

Scored as a ratio with next question, lower ratio = higher points.

**Question 11-B.** For each of the fiscal years shown in the table below (FY01, FY02, and FY03), provide the Supply and Storage Activity's total receipts processed during that FY.

Scored as a ratio with preceding question, lower ratio = higher points.

**(20) Metric 12.** Average number of receipts processed per person.

**Question 12-A.** For each of the fiscal years identified in the following table (FY01, FY02, and FY03), provide the Supply and Storage Activity's total number of receipts processed.

Scored as a ratio with next question, higher ratio = higher points.

**Question 12-B.** For each of the fiscal years identified in the following table (FY01, FY02, and FY03), provide the Supply and Storage Activity's total number of personnel working in the receiving section over that FY. The number of personnel should include Government civilians, military and support contractors, and should be expressed as full-time equivalents (FTEs) based on 2087 man-hours.

Scored as a ratio with preceding question, higher ratio = higher points.

**(35) Attribute 2.** Effective and efficient storage operations.

**(30) Metric 13.** Inventory accuracy rate.

**Question 13-A.** For each of the fiscal years shown below (FY01, FY02, and FY03), provide the Supply and Storage Activity's total number of individual warehouse storage locations inventoried having the correct on-hand balance during the FY.

Scored as a ratio with next question, higher ratio = higher points.

**Question 13-B.** For each of the fiscal years shown below (FY01, FY02, and FY03), provide the Supply and Storage Activity's total number of individual warehouse storage locations inventoried for correct on-hand balances during the FY.

Scored as a ratio with preceding question, higher ratio = higher points.

**(30) Metric 14.** Warehouse location accuracy rate.

**Question 14-A.** For each of the fiscal years shown below (FY01, FY02, and FY03), provide the Supply and Storage Activity's total number of correct warehouse locations surveyed during the FY.

Scored as a ratio with next question, higher ratio = higher points.

**Question 14-B** For each of the fiscal years shown below (FY01, FY02, and FY03), provide the Supply and Storage Activity's total number of individual warehouse storage locations surveyed during the FY.

Scored as a ratio with preceding question, higher ratio = higher points.

**(40) Metric 15.** Cost per unit of measure of storage space.

**Question 15-A.** For each of the fiscal years identified in the following table (FY01, FY02, and FY03), provide the Supply and Storage Activity's annual cost of operations. Calculate the cost of operations as per amplification below.

Scored as a ratio with the next question, lower ratio = higher points.

**Question 15-B.** As of 30 Sep 03, provide the total net cubic feet of permanent covered storage space operated by the Supply and Storage Activity. Permanent covered storage space includes permanent Government-owned facilities and excludes transitory, temporary and commercially leased facilities. Covered storage space includes general purpose warehouses, controlled humidity warehouses, refrigerated (freeze & chill) storage space, flammable/hazardous storage spaces, sheds, magazines and spaces for classified materiel and materiel requiring special controls. For bulk fuel Activities, provide the total gallons of wet tank storage space instead of net cubic feet of covered storage space.

Scored as a ratio with preceding question, lower ratio = higher points.

**(40) Attribute 3.** An effective and efficient issue process.

**(60) Metric 16.** Number of issues processed per day.

**Question 16.** For each of the fiscal years identified below (FY01, FY02, and FY03), provide the total number of issues processed by the Supply and Storage Activity. The issue process begins with receipt of a materiel release order (MRO) and ends when materiel is offered to

transportation for distribution to customers. The process includes picking or pulling materiel from storage or directly from transportation, inspection, cleaning, preserving, packaging, palletizing, preparation for shipment, preparation of any required documentation, and data entry. For Supply and Storage Activities at the "installation" level, the issue process may end when materiel is placed in customer bins for pickup or handed directly to a customer when the storage facility is co-located with the customer, instead of when it is offered to transportation.

Scoring: higher answer = higher points.

**(20) Metric 17.** Average time to complete an issue.

**Question 17-A.** For each of the fiscal years identified in the table below (FY01, FY02, and FY03), provide the total number of hours the Supply and Storage Activity spent processing issues. (The time required to complete an issue is defined as the elapsed time in hours from receipt of an MRO until items of supply are offered to transportation, or are offered for issue to customer organizations. For Supply and Storage Activities at the "installation" level, the issue process may end when materiel is placed in customer bins for pickup or handed directly to a customer when the storage facility is co-located with the customer, instead of when it is offered to transportation).

Scored as a ratio with the next question, lower ratio = higher points.

**Question 17-B.** For each of the fiscal years identified in the table below (FY01, FY02, and FY03), provide the total number of issues processed by the Supply and Storage Activity.

Scored as a ratio with preceding question, lower ratio = higher points.

**(20) Metric 18.** Number of issues processed per person.

**Question 18-A.** For the Supply and Storage Activity, for the fiscal years identified in the following table (FY01, FY02, and FY03), provide the number of issues processed over the FY. (The issue process begins with receipt of a materiel release order (MRO) and ends when materiel is offered to transportation for distribution to customers.)

Scored as a ratio with the next question, higher ratio = higher points.

**Question 18-B.** For the Supply and Storage Activity, for the fiscal years identified in the following table (FY01, FY02, and FY03), provide the number of personnel performing issuing functions. Express the number of personnel as full-time equivalents (FTEs) based on 2087 man-hours. (In determining number of personnel performing issuing functions, include the total of all Government civilian, military and support contractor personnel assigned to perform issuing tasks.)

Scored as a ratio with preceding question, higher ratio = higher points.

**(35) Characteristic 3.** Distribute supplies and materiel to joint forces worldwide in the most efficient and effective manner, as defined in terms of shipping, distance, and capacity. (Focus on Distribution function)

**(45) Attribute 1.** An effective and efficient shipping operation.

**(50) Metric 19.** Ratio of the average tons shipped per day and the number of assigned personnel.

**Question 19-A.** For the Supply and Storage Activity, for the fiscal years shown in the table below (FY01, FY02, and FY03), provide the total tons of materiel shipped for the FY.  
Scored as a ratio with the next question, higher ratio = higher points.

**Question 19-B.** For the Supply and Storage Activity, for the fiscal years shown in the table below (FY01, FY02, and FY03), provide the total number of personnel performing shipping functions, include the total of all Government civilian, military and support contractor personnel. Express the number of personnel as full-time equivalents (FTEs) based on 2087 man-hours. Shipping functions include planning, physically assembling, consolidating, documenting, and arranging for movement of materiel

Scored as a ratio with preceding question, higher ratio = lower points.

**(50) Metric 20.** Total amount shipped.

**Question 20.** For the fiscal years shown in the table below (FY01, FY02, and FY03), provide the total quantity of line items shipped by the Supply and Storage Activity. For bulk fuels, provide the information in gallons (not line items).  
Scoring: higher value = higher points.

**(55) Attribute 2.** Distribution Flexibility.

**(25) Metric 21.** Density of multiple distribution nodes.

**Question 21.** List the name and number of all distribution nodes for each transportation mode within a 50-mile radius (as the crow flies) of the Supply and Storage Activity. List no more than the names of 5 nodes per mode.  
Scoring: higher value = higher points.

**(25) Metric 22.** Throughput capacity in tons per day for distribution nodes.

**Question 22.** 21. As of 31 May 04, what was the maximum shipping capacity in tons per day for each of the Supply and Storage Activity's available distribution nodes. Consider all distribution nodes in operational condition and include those located on the installation where the Activity resides. A day is defined as a 24-hour period. The distribution nodes are air, water, rail, pipeline, and ground (pipeline for bulk fuel activities only).  
Scoring: higher value = higher points.

**(25) Metric 23.** Throughput capacity in line items per day for distribution nodes.

**Question 23.** For the Supply and Storage Activity, provide the highest number of line items shipped in a single day for the two fiscal year period of FY02 and FY03. Consider all transportation modes to include air, water, rail, and ground (exclude pipeline).

Scoring: higher value = higher points.

**(25) Metric 24.** Distance in miles to distribution nodes.

**Question 24.** What is the distance, in miles, from the Supply and Storage Activity to the most frequently used distribution node? Calculate from the main gate of your Activity's installation. Consider air, water, rail, and pipeline (pipeline for bulk fuel Activities only).

Scoring: lower value = higher points.



**(20) Criterion 2.**

The availability and condition of land, facilities, and associated airspace (including training areas suitable for maneuver by ground, naval, or air forces throughout a diversity of climate and terrain areas and staging areas for the use of the Armed Forces in homeland defense missions) at both existing and potential receiving locations.

**(35) Characteristic 1.** Operate from modern, efficient, and expandable infrastructure that enhances the inventory management process. (Focus on Supply function)

**(40) Attribute 1.** Modern workspace and IT capability.

**(25) Metric 25.** Internal bandwidth capacity to send and receive large volumes of electronic data.

**Question 25.** As of 31 May 04, what is the bandwidth capacity of the internal information technology (IT) infrastructure (backbone) within the Supply and Storage Activity? Express bandwidth in megabits per second (Mbps).  
Scoring: higher answer = higher points.

**(25) Metric 26.** External bandwidth capacity to send and receive large volumes of electronic data.

**Question 26.** As of 31 May 04, what is the bandwidth capacity of the external information technology (IT) infrastructure (data transmission capacity) that supports Supply and Storage Activity? Express bandwidth in megabits per second (Mbps).

Scoring: higher answer = higher points.

**(50) Metric 27.** Overall condition of an Activity's facilities.

**Question 27.** For each Government building controlled and operated by the Supply and Storage Activity as of 30 Sep 03, provide the Facility Analysis Category (FAC), building number, the total gross storage capacity in square feet, gallons or barrels as appropriate, and the condition code. For condition code, each service or agency should respond with their service or agency-unique codes as shown below:

Army: Green, amber or red.

Navy and Marine Corps: Adequate, substandard or inadequate.

Air Force: 1, 2 or 3.

DLA: Adequate, substandard or inadequate (or Host Unit's condition code if applicable).

Scoring: Divide storage capacity by numerical condition code. Higher weighted answer = higher points.

**(30) Attribute 2.** Efficient utilization of workspace.

**(100) Metric 28.** Ratio of gross square feet of space available and number of assigned personnel.

**Question 28-A.** As of 30 Sep 03, how many gross square feet of workspace did the Supply and Storage Activity occupy for inventory management functions? Inventory management functions include the

management, cataloging, requirements determination, procurement, and determination of overhaul, stock distribution and disposal requirements. Include space occupied by Government civilians, military and support contractor personnel.

Scored as a ratio with the next question, ratio scored using a function table with assigned normalized scores.

**Question 28-B.** For the Supply and Storage Activity, for FY03, provide the number of personnel performing inventory management functions. The number of personnel should be expressed as full-time equivalents (FTEs) based on 2087 man-hours, and should include Government civilians, military, and support contractor personnel. Inventory management is defined as the management, cataloging, requirements determination, procurement, and determination of overhaul, stock distribution and disposal requirements.

Scored as a ratio with the preceding question, ratio scored using a function table with assigned normalized scores.

**(30) Attribute 3.** Expandability of workspace.

**(100) Metric 29.** Maximum number of personnel the office space can support.

**Question 29.** For the Supply and Storage Activity, as of 30 Sep 03, provide the maximum number of personnel your inventory management workspace could support using a space standard of 162 gross square feet per person. Inventory management workspace includes those areas that house inventory management functions to include the management, cataloging, requirements determination, procurement, and determination of overhaul, stock distribution and disposal requirements.

Scoring: higher answer = higher points.

**(35) Characteristic 2.** Operate from modern, efficient, and expandable infrastructure that enhances receipt, storage, and issue functions. (Focus on Storage function)

**(100) Attribute 1.** Automated materiel retrieval systems.

**(20) Metric 30.** Total number of retrievals via the automated materiel retrieval systems.

**Question 30.** For each of the fiscal years shown in the table below (FY01, FY02, and FY03), provide the total number of individual retrievals performed by the Supply and Storage Activity's automated materiel retrieval system. An individual retrieval is a single removal of supplies from a storage location. An individual retrieval could involve removal of a single item, 1 box containing a dozen items, or 1 package containing 2 items.

Scoring: higher answer = higher points.

**(20) Metric 31.** Ratio of number of items retrieved and number of personnel required to operate the system.

**Question 31-A.** For each of the fiscal years shown in the table below (FY01, FY02, and FY03), provide the total number of individual retrievals performed by the Supply and Storage Activity's automated materiel retrieval system. An individual retrieval is a single removal of supplies from a storage location. An individual retrieval could involve removal of a single item, 1 box containing a dozen items, or 1 package containing 2 items.

Scored as a ratio with the next question, higher ratio = higher points.

**Question 31-B.** For each of the fiscal years identified in the table below (FY01, FY02, and FY03), provide the number of employees operating the Supply and Storage Activity's automated materiel retrieval system. The number of personnel should be expressed as full-time equivalents (FTEs) based on 2087 man-hours, and should include Government civilians, military, and support contractor personnel.

Scored as a ratio with the preceding question, higher ratio = higher points.

**(60) Metric 32.** Maximum possible retrievals in one day.

**Question 32.** As of 30 Sep 03, provide the maximum possible number of individual retrievals the Supply and Storage Activity's automated materiel retrieval system could perform in one day. An individual retrieval is a single removal of supplies from a storage location. An individual retrieval could involve removal of a single item, 1 box containing a dozen items, or 1 package containing 2 items. A day in this case is equal to a 24-hour shift.

Scoring: higher answer = higher points.

**(30) Characteristic 3.** Operate from modern, efficient, and expandable infrastructure that enhances distribution operations. (Focus on Distribution function)

**(40) Attribute 1.** Access to multiple distribution nodes.

**(100) Metric 33.** Nodes available to the Supply and Storage Activity.

**Question 33.** As of 31 May 04, indicate with a "yes" or "no" those distribution nodes that are available to the Supply and Storage Activity for distribution of supplies and materiel. Consider only those distribution nodes in operational condition and located on the installation where the Activity resides.

Scoring: more nodes = higher points.

**(25) Attribute 2.** Capacity of each available node.

**(100) Metric 34.** Maximum capacity in tons per day for each node.

**Question 34.** As of 31 May 04, what was the maximum shipping capacity in tons per day for each of the Supply and Storage Activity's available distribution nodes. Consider all distribution nodes in operational condition and include those located on the installation where the Activity resides. A day is defined as a 24-hour period. The

distribution nodes are air, water, rail, pipeline, and ground (pipeline for bulk fuel activities only).

Scoring: higher answer = higher points.

**(35) Attribute 3.** Capability to increase distribution volume.

**(100) Metric 35.** Ratio of utilized capacity and maximum capacity by distribution nodes.

**Question 35-A.** For each of the distribution nodes available to the Supply and Storage Activity provide the average tons shipped per day for FY03. A day is defined as a 24-hour period. Consider only those distribution nodes located on the installation where the Activity resides. Scored as a ratio with the next question, lower ratio = higher points.

**Question 35-B.** As of 31 May 04, what was the maximum shipping capacity in tons per day for each of the Supply and Storage Activity's available distribution nodes. Consider all distribution nodes in operational condition and include those located on the installation where the Activity resides. A day is defined as a 24-hour period. The distribution nodes are air, water, rail, pipeline, and ground (pipeline for bulk fuel activities only).

Scored as a ratio with the preceding question, lower ratio = higher points.

**(35) Criterion 3.**

The ability to accommodate contingency, mobilization, and future total force requirements at both existing and potential receiving locations to support operations and training.

**(25) Characteristic 1.** Manage a modern, flexible inventory management capability with sufficient capacity to adapt to future requirements as defined by workforce, IT, and infrastructure. (Focus on Supply function)

**(60) Attribute 1.** A qualified, multi-skilled, sufficient workforce.

Allocation from Metrics provided in Characteristic 4.

**(40) Attribute 2.** A modern IT infrastructure.

Allocation from Metrics provided in Characteristic 4.

**(15) Characteristic 2.** Manage a modern, flexible storage system capability with sufficient capacity to adapt to future requirements as defined by workforce, IT, and infrastructure. (Focus on Storage function)

**(25) Attribute 1.** A qualified, multi-skilled, sufficient workforce.

Allocation from Metrics provided in Characteristic 4.

**(25) Attribute 2.** A modern IT infrastructure.

Allocation from Metrics provided in Characteristic 4.

**(50) Attribute 3.** A modern, flexible storage infrastructure.

**(25) Metric 36.** Storage capacity and condition code. (MODERN)

**Question 36.** For each Government building controlled and operated by the Supply and Storage Activity as of 30 Sep 03, provide the Facility Analysis Category (FAC), building number, the total gross the total gross storage capacity in square feet, gallons or barrels as appropriate, and the condition code. For condition code, each service or agency should respond with their service or agency-unique codes as shown below:

Army: Green, amber or red.

Navy and Marine Corps: Adequate, substandard or inadequate.

Air Force: 1, 2 or 3.

DLA: Adequate, substandard or inadequate (or Host Unit's condition code if applicable).

Scoring: Divide storage capacity by numerical condition code. Higher weighted answer = higher points.

This question only considers the following Storage FACs:

4111 Bulk Liquid Fuel Storage

4121 Bulk Liquid Storage, Other Than Fuel

4122 Liquid Oxygen Storage

4211 Ammunition Storage, Depot and Arsenal

4221 Ammunition Storage, Installation  
4231 Liquid Propellant Storage, Ammunition Related  
4311 Cold Storage, Depot  
4321 Cold Storage, Installation  
4411 Covered Storage Building, Depot  
4412 Covered Storage Shed, Depot  
4413 Hazardous Materials Storage, Depot  
4414 Controlled Humidity Storage, Depot  
4421 Covered Storage Building, Installation  
4422 Covered Storage Shed, Installation  
4423 Hazardous Materials Storage, Installation  
4424 Controlled Humidity Storage, Installation

**(25) Metric 37.** Storage space of authorized MILCON projects. (MODERN)

**Question 37.** What is the Supply and Storage Activity's total square footage for all Military Construction (MILCON) projects authorized for construction and design in FY03/04/05? For bulk fuels, use total gallons rather than square footage as the unit of measure. For fuel hydrant projects, use gallons per minute rather than square footage as the unit of measure.

Scoring: higher answer = higher score.

**(25) Metric 38.** Unutilized storage space. (FLEXIBILITY)

**Question 38.** What is the available storage space minus the utilized storage space? (NOT GOING TO THE FIELD FOR MIL VAL DATA CALL – CAPACITY ANALYSIS Q's DoD# 636, 637, 638, and 639)

Scoring: higher answer = higher score.

**(25) Metric 39.** Available storage space of commercial warehousing. (FLEXIBILITY)

**Question 39.** As of 31 May 04, provide an estimate of the total square feet of available commercial warehouse space within a 25-mile radius of the Supply and Storage Activity. For bulk fuels, substitute total gallons for square footage as the unit of measure.

Scoring: higher answer = higher score.

**(60) Characteristic 3.** Manage a modern, flexible distribution system capability with sufficient capacity to adapt to future requirements as defined by workforce, IT, and infrastructure. (Focus on Distribution function)

**(25) Attribute 1.** A qualified, multi-skilled, sufficient workforce.

Allocation from Metrics provided in Characteristic 4.

**(25) Attribute 2.** A modern IT infrastructure.

Allocation from Metrics provided in Characteristic 4.

**(25) Attribute 3.** Distribution Flexibility.

**(25) Metric 40.** Density of multiple distribution nodes.

**Question 40.** List the name and number of all distribution nodes for each transportation mode within a 50-mile radius (as the crow flies) of the Supply and Storage Activity. List no more than the names of 5 nodes per mode.

Scoring: higher value = higher points.

**(25) Metric 41.** Throughput capacity in tons per day for distribution nodes.

**Question 41.** As of 31 May 04, what was the maximum shipping capacity in tons per day for each of the Supply and Storage Activity's available distribution nodes. Consider all distribution nodes in operational condition and include those located on the installation where the Activity resides. A day is defined as a 24-hour period. The distribution nodes are air, water, rail, pipeline, and ground (pipeline for bulk fuel activities only).

Scoring: higher value = higher points.

**(25) Metric 42.** Throughput capacity in line items per day for distribution nodes.

**Question 42.** For the Supply and Storage Activity, provide the highest number of line items shipped in a single day for the two fiscal year period of FY02 and FY03. Consider all transportation modes to include air, water, rail, and ground (exclude pipeline).

Scoring: higher value = higher points.

**(25) Metric 43.** Distance in miles to distribution nodes.

**Question 43.** What is the distance, in miles, from the Supply and Storage Activity to the most frequently used distribution node? Calculate from the main gate of your Activity's installation. Consider air, water, rail, and pipeline (pipeline for bulk fuel Activities only).

Scoring: lower value = higher points.

**25) Attribute 4.** Surge Shipments.

**(50) Metric 44.** Maximum possible tonnage per day.

**Question 44.** As of 31 May 04, what is the maximum possible daily tonnage the Supply and Storage Activity can ship utilizing all of the transportation modes (excluding pipeline) available? Transportation modes include air, rail, ground and water.

Scoring: higher answer = higher score.

**(50) Metric 45.** Highest number of line items shipped per day.

**Question 45.** For the Supply and Storage Activity, provide the highest number of line items shipped in a single day for the two fiscal year period of FY02 and FY03. Consider all transportation modes to include air, rail, ground and water (exclude pipeline).

Scoring: higher answer = higher score.

**(XX) Characteristic 4.** Manage a modern, flexible Supply, Storage and Distribution system capability with sufficient capacity to adapt to future requirements as defined by workforce, IT, and infrastructure. (Collective focus on Supply, Storage and Distribution functions)

**(XX) Attribute 1.** A qualified, flexible and sufficient workforce.

**(60) Metric 46.** Average Years of Service.

**Question 46.** As of 31 May 04, for the Supply and Storage Activity, what is the average number of years of government service per Government employee? Include government civilian and military personnel (do not include support contractor personnel).

Scoring: higher answer = higher score.

**(20) Metric 47.** Education Level.

**Question 47.** As of 31 May 04, for the Supply and Storage Activity, provide the percentage of the total government workforce that has attained a four-year college degree. Include Government civilian and military personnel (do not include support contractor personnel).

Scoring: higher weighted factor = higher score.

**(20) Metric 48.** Labor Pool Availability.

**Question 48-A.** Provide your Supply & Storage Activity's total number of non-military personnel employed. Include government civilian and contract support personnel.

**Question 48-B.** Provide the "private non-farm employment" number (from U.S. Census Bureau website) for the county in which the Supply and Storage Activity is located. If more than 25% of your workforce resides in an adjacent county or counties, combine the private non-farm employment number for those counties (see amplification).

Scoring: lower ratio = higher score.

**(XX) Attribute 2.** A modern IT infrastructure.

**(50) Metric 49.** Percentage of network backbone that will be fiber optic cable.

**Question 49.** What percentage of your Supply and Storage Activity's network backbone will be fiber optic cable by the end of FY-04? (Base answer on planned spending in the FY-04 President's budget.)

Scoring: higher answer = higher score.

**(50) Metric 50.** Percentage of infrastructure that will be connected to network backbone via a fiber optic cable.



**Question 50.** What percentage of your Supply and Storage Activity's infrastructure (within and between buildings), based on the number of workstations, will be connected to the network backbone via fiber optic cable by the end of FY-04? (Base answer on planned spending in the FY-04 President's budget.)

Scoring: higher answer = higher score.

**(10) Criterion 4.** The cost of operations and the manpower implications.

**(35) Characteristic 1.** Manage inventory processes to minimize cost and manpower requirements. (Focus on Supply function)

Allocation from Metrics provided in Characteristic 4.

**(35) Characteristic 2.** Operate receipt, storage and issue functions that minimize cost and manpower requirements. (Focus on Storage function)

Allocation from Metrics provided in Characteristic 4.

**(30) Characteristic 3.** Conduct distribution operations that minimize cost and manpower requirements. (Focus on Distribution function)

Allocation from Metrics provided in Characteristic 4.

**(XX) Characteristic 4.** Manage Supply, Storage and Distribution processes to minimize cost and manpower requirements. (Collective focus on Supply, Storage and Distribution functions)

**(60) Attribute 1.** Cost of operations.

**(42) Metric 51.** Cost of operations per person.

**Question 51-A.** For each of the fiscal years identified in the following table (FY01, FY02, and FY03), provide the Supply and Storage Activity's annual cost of operations. Calculate the cost of operations as per amplification below.

Scored as a ratio with the next question, lower ratio = higher points.

**Question 51-B.** Provide the number of personnel (actual Government civilian, military, and contractor support personnel) assigned to the Supply and Storage Activity at the end of the fiscal years shown below (30 Sep 01, 02, and 03). This is a count of people, not a conversion to full-time equivalents.

Scored as a ratio with the preceding question, lower ratio = higher points.

**(18) Metric 52.** Locality pay percentage.

**Question 52.** What is the Calendar Year 2004 locality pay percentage for Government civilian personnel at the Supply and Storage Activity's location?

Scoring: lower answer = higher points.

**(40) Metric 53.** Ratio of facilities repair and maintenance costs to square feet of utilized space.

**Question 53-A.** For each of the fiscal years shown in the table below (FY01, FY02, and FY03), provide the repair and maintenance costs (in

actual dollars) for real property facilities used by the Supply and Storage Activity.

Scored as a ratio with the next question, lower ratio = higher points.

**Question 53-B.** For each of the fiscal years shown in the table below (FY01, FY02, and FY03), what was the gross square footage of real property facilities used for Supply and Storage Activity functions?

Scored as a ratio with the preceding question, lower ratio = higher points.

**(40) Attribute 2.** Manpower implications.

**(60) Metric 54.** Time required to fill Supply and Storage job openings.

**Question 54-A.** For FY03, provide the average length of time (in days) required to fill Government civilian job openings within the Supply and Storage Activity. This measurement begins when the position is announced and ends when the hiring official has formally notified the personnel office of a selection of an individual.

Scored as a ratio with the next question, lower ratio = higher points

**Question 54-B.** For FY03, provide the average length of time (in days) required to fill all Government civilian job openings within the installation. This measurement begins when the position is announced and ends when the hiring official has formally notified the personnel office of a selection of an individual.

Scored as a ratio with the preceding question, lower ratio = higher points

**(40) Metric 55.** Ratio of items managed and assigned personnel.

**Question 55-A.** Provide the number of NSNs managed by the Supply and Storage Activity at the end of the fiscal years shown below (FY01, FY02, and FY03). Include stocked and non-stocked items in the number of NSNs managed.

Scored as a ratio with the next question, higher ratio = higher points.

**Question 55-B.** Provide the number of personnel (actual Government civilian, military, and contractor support personnel) assigned to the Supply and Storage Activity at the end of the fiscal years shown below (30 Sep 01, 02, and 03). This is a count of people, not a conversion to full-time equivalents.

Scored as a ratio with the preceding question, higher ratio = higher points.