Product Statement of Work

Clean, Blast and Paint Service
SIXCON Tank / SIXCON Frame

17 September 14

1. **SCOPE.** This Statement of Work (SOW) establishes, sets forth tasks, and identifies the work efforts that shall be performed by the Contractor (for purposes of this SOW, Contractor is defined as the commercial or government entity performing the cleaning, blasting and painting of the tank in rotator and frame).

Objective. Establish a robust and flexible materials supply chain to support the effort of the Sixcon Fuel Tank.

2. **APPLICABLE DOCUMENTS**.

Applicable Drawings. The following documents form a part of this SOR to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense, Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

Nomenclature	Part Number/Drawing Number	CAGE Code	Dwg Rev Level	Baseline or Dwg Rev Date
Primer, Epoxy Coating, Corrosion Inhibiting Lead and Chromate Free	MIL-P-53022C TYPE 1	N/A	N/A	N/A
Zinc Rich Primer	(CID) A-A-59745	N/A	N/A	N/A
Tape Masking Instructions For SIXCON Fuel Tank and SIXCON Water Tank Modules	S-080-07A04029-0	N/A	N/A	N/A
Painting and Registration Marking For Marine Corps Combat and Tactical Equipment	TM 4750-OD/1	N/A	N/A	N/A
Federal Standard	FED-STD-595C	N/A	N/A	N/A

(Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Commander, Attn: Contracting Officer (Code 891), Marine Corps Logistics Base, 814 Radford Blvd., Albany, Georgia 31704-1128.)

3. **REQUIREMENTS**.

3.1 Cleaning: The contractor is required to clean the interior of the Fuel Tanks that are being fabricated at the Marine Depot Maintenance Command. All work will be performed in accordance with TM 09444A/089901A-15&P/1. The interior will then be rinsed repeatedly with warm water to remove all excess blasting grit that gets into tank during the blasting service. The fuel tank shall be prep for paint per the pictures on pages 8 thru 12 of this SOW.

3.2 Blasting: Blast frame and tank exteriors surfaces to near white finish in accordance with SSPC-SP10 using garnet grit or plastic blast media. Required surface profile is 1.2 mils for proper paint adhesion per TM-4750-OD/1.

3.3 Prep. For Paint: Follow instructions per (CCN: S-080-07A04029-0) for taping frame. The fuel tank will be taped per the following pictures on page 8 thru 12 of this SOW.

3.4 Painting: The contractor shall prime all bare metal with a rich zinc primer conforming to commercial item description (CID) A-A-59745 to a dry film thickness of 2.5 mils minimum per TM-4750-OD/1 to the entire frame except where marked. Fuel tanks do NOT require zinc primer. Apply solvent based epoxy primer (MIL-DTL-53022) to a dry film thickness of 3.5 mils per TM-4750-OD/1 to the inside bottom of frame and inside support tubes only. The contractor shall topcoat the complete Fuel Tank and frame in accordance with MIL-DTL-64159; Green 383 Color Number 34094 per Fed STD-595C to a dry film thickness of 2.0-4.0 mils per TM-4750-OD/1. The contractor shall be responsible for properly disposing of all removed materials ensuring compliance with all local, state and federal regulations and laws. Work shall be performed at the contractor's site.

4. **DETAILED REQUIREMENTS**:

4.1 Packaging Requirements:

a. Materials shall be packaged using best commercial practices.

b. A Packing List containing the following information shall be included.

(1) Statement of Requirement Nomenclature.
(2) Statement of Requirement Number and Revision.
(3) Contract Number/Document Number.
(4) Breakdown (see example in Attachment A).

4.2. Delivery Requirements:

(a) Shipping and Delivery. Pick-up/Drop off of GFM material will be two (2) times per week on Tuesdays and Thursdays. Alternate days will only be allowed due to special circumstances such as government holidays and approval must be obtained prior to missing a scheduled delivery/pickup. We require four (4) SIXCON Fuel Tanks and four (4) SIXCON Fuel Tank Frames to be picked up/dropped off on each shipment. GFM shall be returned to MDMC

within seven (7) calendar days from the day GFM is picked-up and must be the exact serialized numbers that were picked up those seven (7) days prior.

(b) Vendor shall pick-up and delivers GFM at/to Building 1310 between the hours of 7:30 AM and 4:30 PM. Should any deviation from this required schedule occur due to unforeseen circumstances, please contact the below POC's immediately for further instruction:

Ryan Davis-229-639-7430
Carlos Cruz-229-639-8465
Bernie Mansfield-229-639-8040

Due to the bulky nature of the SIXCON Fuel Tank stand as well as the SIXCON Fuel Tank Frame, a 48 foot or larger flatbed semi-trailer will be necessary to haul the required shipments. After taking measurements of the 48 foot trailer, all materials will fit on this size trailer but will require a wide load permit due to some of the material extending past the edge of the trailer. It extends no further than 6 inches past the edge of the trailer so no danger is involved but DOT guidelines require a wide load permit if it extends over the edge of the trailer. This cost should be included within the vendors quote.

(c) If the contract/purchase orders so states, contractor shall not produce additional quantities unless notified to do so by the contracting/procurement office.

4.3 Delivery Schedule:

Delivery requirements shall be per enclosure (1).

	TYPE NAME	SIGNATURE	DATE
DEVELOPED	Michael Henderson		17Sept14
TECHNICAL APPROVAL	Michael Henderson		17Sept14
AUTHORIZED TO RELEASE	Eric Gilmer		17Sept14

Attachment A
Packaging Requirements

Packing List:

Statement of Requirement Nomenclature

Statement of Requirement Number and Revision.

Statement of Requirement Date.

Insulated item Part Number.

Contract Number and/or Document Number:

Vendor Cage Code.

Lot Number of fabricated parts (if applicable)

Date of Manufacture of fabricated parts (if applicable).

Insulated item A: Part Number XXXXXXXX

Package A1A, Part Number XXXXXXXX
Package A1B, Part Number XXXXXXXX

Insulated item B: Part Number XXXXXXXX

Package B1A, Part Number XXXXXXXX
Package B1B, Part Number XXXXXXXX

Package B2A, Part Number XXXXXXXX

Insulated item C: Part Number XXXXXXXX

ENCLOSURE 1

Per paragraph 4.6 Delivery Schedule of the Cleaning, Blasting and Painting of the Fuel Tank (2006K0021 Rev C) and Frame (2006E9001Rev F)

Phases:

a. First Article: Vendor will provide one complete Sixcon Fuel Tank and one Frame for inspection to ensure requirements are validated. Necessary changes that were realized during the First Article test will be incorporated into Production Phase. Drawings and SOR may be revised on an as required basis. In such cases, those changes will be provided to the vendor/vendors awarded contracts as information and direction to achieve the desired results for the next phase. Vendor will not proceed to Production Phase until notified by a contracting official.

b. Production Phase: Production of Sixcon Fuel Tank and Frame proceeds after First Article has been validated and approved and a contracting officer initiates a production request.

NOTE: The desired delivery period for each phase is fourteen (14) days from date of contract award/modification. If the desired delivery cannot be met, the contractor shall provide the best possible delivery date with the reasons for the exception noted. The Sixcon Fuel Tank and Frames are likely to be a critical path items requiring vendor capability to meet the most reasonable time frames. The material market has the potential to be volatile, and this should be taken into consideration.

First Article Phase:

Deliverable	Description	Quantity	Desired Delivery Schedule
CLIN 1	First Article Phase for SIXCON Frame	1	14 calendar days after pickup of the first tank.
CLIN 2	First Article Phase for SIXCON Fuel Tank	1	14 calendar days after pickup of the first tank.

Production Phase

Deliverable	Description	Quantity	Desired Delivery Schedule
CLIN 3	During the Period of Performance for this contract (365 days from date of award) the Government will order a minimum 90 frames. (Part # 2006E9001 Rev F)	MIN 89	2 Pickup / drop offs per week 4 Frames per pickup 1 week turnaround time Must return 4 frames per drop off.
CLIN 4	During the Period of Performance for this contract (365 days from date of award) the Government will order a minimum 90 tanks. (Part # 2006K0021 Rev C)	MIN 89	2 Pickup / drop offs per week 4 tanks per pickup 1 week turnaround time Must return 4 tanks per drop off.


There are 8 patches that will require taping after blast before painting. Four on each side.


One long patch on top of tank that requires taping after blast before painting


Two patches on side of tank requires taping before painting.


One long patch on side for taping before painting.

Both of the holes and machined surfaces shown, including threaded holes, need to be taped up before painting. Plugging the threaded holes may be necessary to prevent dripping or overspray from entering the holes.