TECHNICAL REQUIREMENTS DOCUMENT (TRD)
FOR EXHIBIT FABRICATION SUPPORT CONTRACT
TASK ORDER #1

1. Background

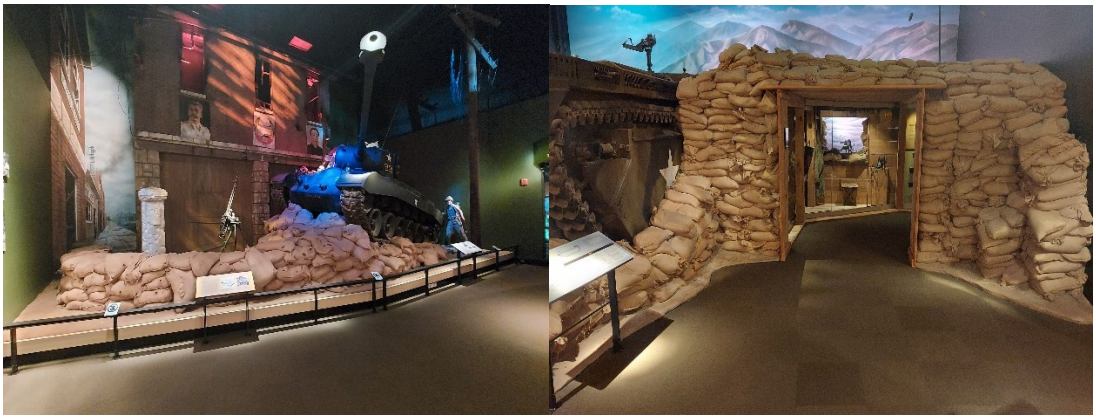
The purpose of this task order is to make more rugged Exhibit Properties, replace damaged/incorrect graphics and upgrade specific areas of the exhibit galleries.

2. Task Order Scope and Deliverable Criteria

2.1. CLIN 0001 Sustainment of Gallery Realism: Section 4.10 Exhibit Properties (Props)

Deliverable 1: Exhibit Properties

Area: Gallery 11 Korean War, Hue City and Bunker scenes.



Task: The contractor shall apply a water-based material to the sand bags to make the burlap resistant to visitor damage such as cuts and abrasions. The use of water-based material is to alleviate the possibility of objectionable smells in the gallery that are typical with resin-based materials. The sandbag shall be filled with a non-toxic material to give the appearance of it being full.

There are approximately 200 thirty-inch by twenty-inch bags in Hue City and 300 eighteen-inch by twelve-inch bags on the bunker. Each bag consists of an inner polymer bag, filled with sand, covered by an outer burlap bag. The contractor shall provide new burlap and inner polymer bags.

The contractor will deinstall the bags, coat them in the water-based material and reinstall them to resemble the original installation.

Delivery Date: 90 calendar days after award

Delivery Method: All work is to be performed on site. By mutual agreement with the COR, dates will be determined with the contractor to close the gallery to allow for work during museum operational hours.

2.2 CLIN 0002 Gallery Retrofits: Section 4.5 Graphics

Deliverable 2: Replacement Graphics

Areas: Gallery 1 Leatherneck Gallery, Gallery 5 Legacy Walk, Gallery 13 Forward Deployed and Gallery 14 Iraq and Afghanistan

Task: Print, mount and install the graphics as listed on Attachment 10: TO1 Deliverable 2-Graphic Schedule. The contractor shall remove the existing graphic and repair any damage as needed to the substrate.

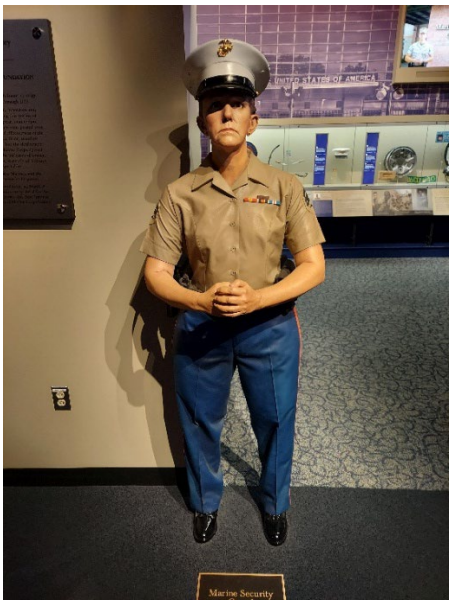
Delivery Date: 90 calendar days after award

Delivery Method: The contractor shall deliver and install all graphics on site. By mutual agreement with the COR, dates will be determined with the contractor to allow for work during museum operational hours.

2.3 CLIN 0002 Gallery Retrofits: Section 4.11 Cast Figures

Deliverable 3: Cast Figure

Area: Gallery 5 Legacy Walk, "No Better Friend" exhibit



Task: Fabricate and install a new figure CF-0503 Marine Security Guard.

Fabricate a new, resin-coated figure, to replace what currently exists. The COR will provide an active-duty Marine as a model and coordinate their travel to the fabricators shop for the casting process. All clothing and accessories will be provided by the COR.

Delivery Date: 270 calendar days after awardPlease reference which PWS task this falls under.

Delivery Method: The contractor shall deliver, deinstall the existing figure and install the new figure on site. By mutual agreement with the COR, dates will be determined with the contractor to allow for work during museum operational hours.

2.4 CLIN 0002 Gallery Retrofits: Sections 4.5 Graphics and 4.8 Custom Artifact Cases

Deliverable 4: New Artifact Case

Area: Gallery 11 Korean War, AC-1108 Air War Case

Task: Replace the existing artifact case with a new case that better protects the artifacts. The area of work is shown in the reference photo below.

Photo: AC-1108-current field conditions.

The scope includes:

- Demolition of the existing case and associated wall graphics
- Fabrication of a new case based on the attached design, see Attachment 11: TO1 Deliverable 4-New AC-1108 drawings
- Lowering of the existing, wall mounted video monitor and speaker approximately one foot.
- Add drywall and studs to square the left side of the exhibit
- Fabricating replacement graphics, see Attachment 12: TO1 Deliverable 4-Graphic Schedule
- Patching and preparing the wall surfaces for replacement graphics
- Field installation of all elements.

Delivery Date: 180 calendar days after award

Delivery Method: The contractor shall deliver the all elements to site and perform all demolition and installation of the new case and graphics. By mutual agreement with the COR, dates will be determined with the contractor to allow for work during museum operational hours.

2.5 CLIN 0002 Gallery Retrofits: Section 4.3 Display Structures and Specialty Fabrication and 4.12 Media.

Deliverable 5: Interactive Map Table

Area: Gallery 14 Afghanistan and Iraq

Task: Fabricate an interactive map table to match in look and function the one currently existing in the gallery.

The scope includes:

- Fabrication of map table per the drawings in Attachment 13 TO1 Deliverable 6: AV-1410 Drawings.
- Create new graphic interactive map media. This media will match the look and functionality of the existing Afghanistan map table but with content for the country of Iraq. For reference, Attachment 14 TO1 Deliverable 6: AV-1410 Reference Video is a video of the current media which was produced by

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- Install the video monitor and player (provided by the government as GFE) into the table along with all cabling needed for it to function.
- Deinstall the existing "You Make the Call" kiosk and install the map table in its place.

Photo: Existing "You Make the Call" kiosk

Delivery Date: 180 calendar days after award

Delivery Method: The contractor shall deliver and install the completed table and demonstrate that it is fully functional. By mutual agreement with the COR, dates will be determined with the contractor to allow for work during museum operational hours.

3. References and Materials

3.1. References. The contractor shall comply with the following documents and materials:

- All Terms and Conditions of the master IDIQ contract
- Attachment 10 TO1 Deliverable 2-Graphic Schedule
- Attachment 11 TO1 Deliverable 4-New AC-1108 drawings
- Attachment 12 TO1 Deliverable 4-Graphic Schedule
- Attachment 13 TO1 Deliverable 6-AV-1410 Drawings
- Attachment 14 TO1 Deliverable 6-AV-1410 Reference Video

4. Performance Requirements Summary

The Contractor service requirements are summarized into performance objectives that relate directly to mission essential items. The performance threshold briefly describes the minimum acceptable levels of service required for each requirement. These thresholds are critical to mission success.

Task	Deliverable	Performance Objective	Standards	Measurement/Inspection Method
2.1. Deliverable 1: Exhibit Properties	Sand bag sample	-Demonstrate fabrication method will meet the contract requirements	- Sand bags are hard enough to resist visitor abuse	-COR inspection of submitted sample
	On site work	-Compliance with all general PWS requirements. -Compliance with approved samples.	-Sand bags are installed in a believable manner -Sand bags are hard enough to resist visitor abuse -Work is completed in a timely manner	-COR inspection and monitoring of on-site work
2.2 Deliverable 2: Replacement Graphics	Production proofs	-Demonstrate fabrication method will meet the contract requirements	-Proofs are correct with respect to layers, colors and fonts	-COR inspection of submitted documents
	On site work	-Compliance with all general PWS requirements. -Compliance with approved samples.	-Graphic prints are properly mounted and meets or exceeds quality of existing graphics -Work is completed in a timely manner	-COR inspection and monitoring of on-site work

2.3 Deliverable 3: Cast Figure	Casting and figure finishing	-Compliance with all general PWS requirements.	-Figure to appear life like and dressed/painted per the COR direction	-COR inspection at contractors' shop
	On site work	-Compliance with all general PWS requirements.	-Figure is installed in a secure manner and installation doesn't interfere with museum operations. -Work is completed in a timely manner	-COR monitoring of on-site work
2.4 Deliverable 4: New Artifact Case	Fabrication drawings	-Compliance with all general PWS and task Order 1 requirements.	Drawings demonstrate the level of quality in material selection and fabrication methodology.	-COR inspection of submitted documents
	Production proofs	-Demonstrate fabrication method will meet the contract requirements	-Proofs are correct with respect to layers, colors and fonts	-COR inspection of submitted documents
	On site work	-Compliance with all general PWS requirements.	-Graphic prints are properly mounted and meets or exceeds quality of existing graphics -Drywall repairs blend with the existing surfaces and provide a proper level of finish for application of murals	-COR inspection and monitoring of on-site work

			-Work is completed in a timely manner	
2.5 Deliverable 5: Interactive Map Table	Fabrication drawings	-Compliance with all general PWS and task Order 1 requirements.	Drawings demonstrate the level of quality in material selection and fabrication methodology.	-COR inspection of submitted documents
	Media sample reviews	-Compliance with all general PWS and task Order 1 requirements.	All graphics and animations match to the existing interactive.	-COR inspection of sample video
	On site work	-Compliance with all general PWS requirements.	-Interactive functions with crashing and responds in the same way as the existing map table. -Work is completed in a timely manner	-COR inspection and monitoring of on-site work