

STATEMENT OF WORK (SOW) FOR FASTC BARRIERS REPLACEMENT

PROJECT IDENTIFICATION

Project Title: FASTC Barriers Replacement
Building Location: Department of State
FASTC 700 C Ave. Blackstone VA
SOW Author: Rob Woodson

PROJECT INFORMATION

PROJECT BACKGROUND

FASTC has identified two hundred and forty-nine (249) safety barriers that need to be replaced around Central Track. The Government will furnish all required barriers needed for the repairs. The Government will show the Contractor the location of the barriers to be replaced; the Contractor can mark the two hundred and forty-nine (249) barriers for identification. The Contractor will need to move all barriers from staging location to Central Track.

The safety barriers have saltwater brine mixture inside to prevent freezing; the Contractor will need to pump out the saltwater brine mixture and reapply it to the new barriers. The Contractor will test the saltwater brine to ensure that the mixture will not freeze at 15-degrees F.

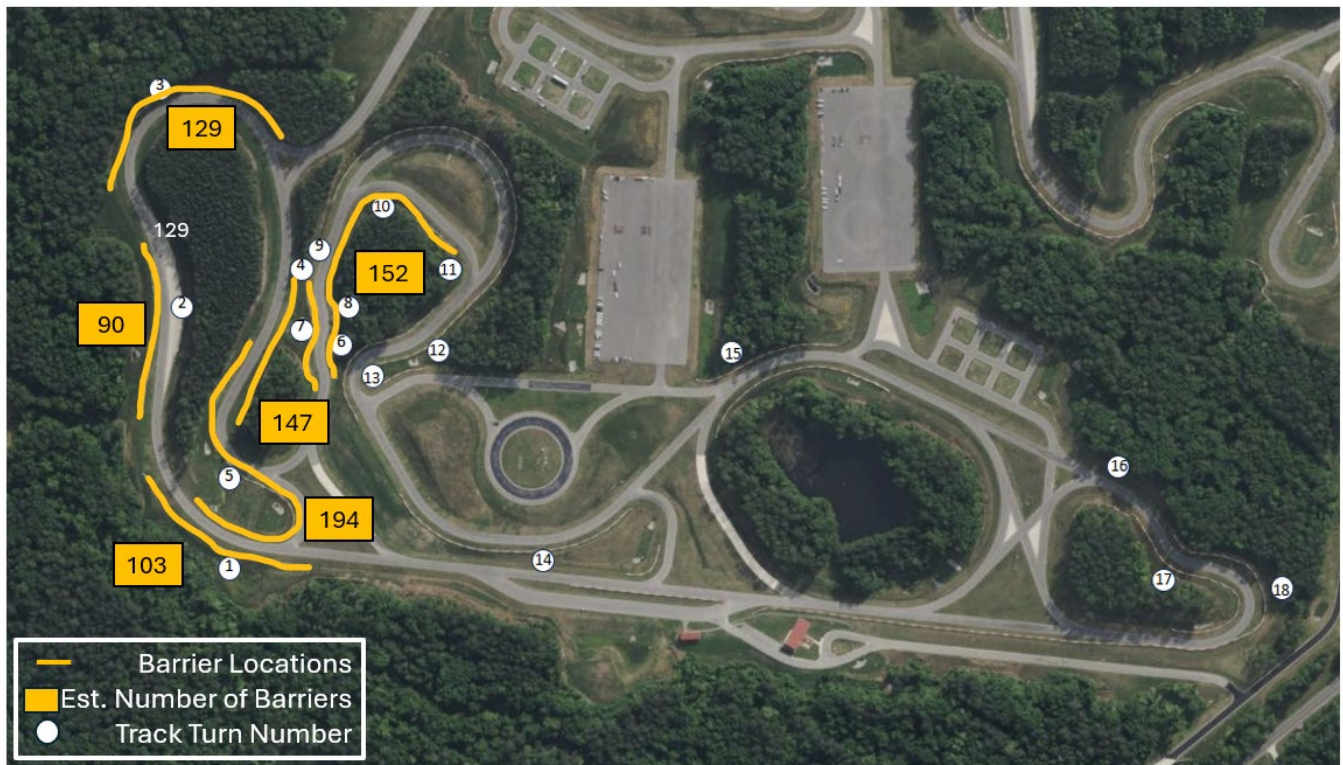
The barriers are all linked together using a pin system. When the barriers are installed correctly and pinned in a row configuration, and set on a solid foundation, the barriers are designed to stop a car traveling between 30-mph to 60-mph.

The Government will keep one hundred (100) of the two hundred and forty-nine (249) replaced barriers; the Contractor will empty and turn over these barriers to new location identified by the Government. They do not need to be refilled or re set.

The Contractor will dispose of the remainder to the landfill or approved disposal site that the Contractor has identified. The Contractor will provide the documents supporting an approved disposal site.

The Contractor will need to coordinate with the Government on phasing barrier work, the Government will work with the Contractor to ensure areas are open for the Contractor to do work.

The photos below are proposed locations of barriers on Central Track.





PROJECT DELIVERY TYPE

The Contractor will provide an outline of the work to be performed, a Work Plan, Risk Assessment, Quality Control Plan (QCP), and a Safety Plan for the work being performed for Government approval.

PROJECT SCHEDULE

The overall Period of Performance shall be one hundred eighty (180) calendar days from Notice to Proceed (NTP) to Substantial Completion, based on the following:

Construction Services	180 calendar days after NTP
Ultimate Contract Completion	28 calendar days after Substantial Completion
Installation	Government requires coordination with ongoing site activities and anticipates minimal limitation or impact to installing contractors scope of work.

CONTRACT TYPE

The Government is contemplating the award of a Firm Fixed-Price (FFP) contract to the successful offeror. The prices shall include, but shall not be limited to the following:

- Contract Management
- Construction Services including Materials, Labor, and Supervision

SCOPE OF WORK

This section details the technical requirements and constraints which the Contractor must account for.

PROJECT REQUIREMENTS

1. Base Bid

The Contractor will remove and install two hundred and forty-nine (249) new barriers at the Central Track. The Contractor will pump the saltwater brine solution out and reapply into the new barriers once the base foundation is installed correctly. The Contractor will test the saltwater brine mixture; the Contractor will add additional salt as required to ensure the mixture will not freeze at 15-degree F.

The Government will keep one hundred (100) barriers; the Contractor will relocate these barriers to new location identified by the Government.

2. Barriers Base Foundation

The Contractor will grade and add gravel and compact gravel as needed to ensure the barriers are flat and level and will not sink into the ground over time. Quantity of gravel and grading to be confirmed at site walk thru and identified in proposal.

All debris removed from leveling grading or created from the Contractor will be removed off site to the local landfill.

The Government will identify the location to store gravel for barrier replacement.

3. Installation of Barriers

Barriers will be level and set on a solid gravel base, the barriers will be pinned together, the Contractor will add a commercial rated rubber tape over the led, this commercial rubber tape prevents rainwater from entering the barriers and prevents evaporation. The Contractor will apply a commercial rated paint to identify the month and year that the barriers were replaced. The Contractor will stencil on top and the back side. The letter height will be four (4) inches tall to six (6) inches tall, and example of what the Government is expecting as a stencil to be applied on the barriers (example: 3/2026). The Contractor will provide a template for the stenciling for Government approval.

PROJECT SITE REQUIREMENTS

1. Work Restrictions

Accessing locations will be limited to areas of construction and requires a government escort. Construction will need to be coordinated around mission schedules. In lieu of an escort, a responsible party on the contractors staff will be briefed in site procedures and act as the escort at the governments discretion.

The Contractor shall survey the entire worksite and review existing documentation to be familiar with the existing conditions. This includes all areas, structure, and site affected by the removal and demolition work, alterations, and new construction work prior to initiation of work.

The Contractor shall coordinate all work activities with the Contracting Officer's Representative (COR) to ensure that proper security and access arrangements are made without impact on the construction schedule.

2. Contractor's Working Hours

The Contractor's work hours 0600 to 2000 Monday through Friday.

The Government is flexible to the Contractor's work hours, any additional or different hours by the Contractor they will need to submit and Request for Information (RFI).

3. Parking and Lay Down area

Parking and lay down area will be provided at contractors request

4. Restrooms

Public toilets are not available for use. The Contractor will be required to supply portable latrines at their location.

5. Existing Conditions

All Government property or systems displaced, altered, or damaged during the performance of this contract, must be restored to its original condition at no cost to the Government.

SAFETY REQUIREMENTS

All Contractors shall comply with the safety guidelines and requirements contained in EM-385

1. General

All work areas should be inspected and tested as part of the Existing Conditions Survey.

PRE-CONSTRUCTION PHASE

1. Existing Conditions Survey and Site Walk thru

- The Contractor must thoroughly research the project requirements.
- Meet with the Government Project Manager (GPM) to review the expectations of the project SOW.
- Meet with the Facilities Management personnel to gain information about the building and systems operation.
- Investigate including an on-site survey. The on-site survey must include, but not be limited to, examining the existing conditions and taking necessary measurements.

2. Schedule

Provide a detailed, time-scaled computer-generated Project Schedule for each activity representing each portion of the work for the entire Contract Performance Period. Utilizing MS Project or similar.

CONSTRUCTION PROCUREMENT PHASE

Not applicable.

CONSTRUCTION STAGE

1. General

The Contractor shall provide all necessary labor, materials, supervision, management, QCP, and testing to produce work conforming to the SOW.

2. Permit for Welding, Cutting, or Brazing

Comply with NFPA 51B. Do not conduct operations involving the use of open-flame, electrical arc equipment, or flammable substances until a permit for welding, cutting, and burning has been issued by the Government.

FMS point of contract - Permit for Welding, Cutting, or Brazing. Contact the Field Office to obtain burn permits (Joshua Patton, Cell: 202-704-9315, email: PattonJD@state.gov). Burn permits are required for each separate occurrence. Burn Permits must be displayed at the work site during burning operation. Permit duration shall be one (1) work shift for a specific location unless otherwise agreed to by the Government and Contractor.

CONSTRUCTION SCHEDULE

Within seven (7) calendar days of the Construction Kickoff Meeting, the Contractor shall submit the Project Schedule.

The Project Schedule shall be updated on a bi-weekly basis throughout the entire Construction Stage until project completion is achieved. A revised Project Schedule must be submitted with each invoice.

CONSTRUCTION PROGRESS REPORTS

Prepare an electronic daily construction report recording the following information concerning but not limited to events at the site. All daily reports are to be provided to the A/DOS PM weekly by close of business on the next workday following each week.

Include:

- Count of personnel at the site.
- High and low temperatures, general weather conditions.
- Accidents.
- Meetings and significant decisions.
- Unusual events.
- Stoppages, delays, shortages, and losses.
- Emergency procedures.
- Summary of all work performed.

SCHEDULE OF INSPECTIONS AND TESTS

Prepare and submit a Schedule of Inspections and Testing and similar services required.

CONSTRUCTION INSPECTIONS

Construction inspections shall be scheduled, coordinated and performed to ensure that all specified materials, means and methods are installed per code compliance and contract.

- Site inspection (beginning of the project with Government personnel).
- Final inspection (after all construction is complete).

Inspections include, but are not limited to, adherence to construction documents, contract requirements, and the following:

- Equipment, materials and workmanship.
- Labor and safety conditions.
- Defects and omissions.
- Problems encountered.
- Qualitative and quantitative differences between construction contract documents and actual work in place.

COMMISSIONING

The Contractor is required to be an active participant in the commissioning process. This includes completion of the Pre-Commissioning Checklist of installed barriers.

The Contractor is required to make the recommended corrections to commissioned systems for any system which fails to meet the required test parameters.

QUALITY CONTROL PLAN (QCP)

The Contractor shall develop, provide, and maintain a Quality Control Plan (QCP) during the design development phase of the project, based upon the USACE Three-Phases of Control. The QCP shall identify personnel, procedures, instructions, records and forms to

be used in carrying out the requirements of the Project. It will provide the means to maintain effective Quality Controls for construction, sampling and testing activities.

The QCP shall also describe the Quality Assurance, Quality Control, and other technical activities that will be implemented to ensure that sampling and analyses are performed in order to meet applicable data quality objectives for the project.

1. Submissions

The QCP shall be prepared and submitted within fifteen (15) calendar days of award notification. Construction shall not begin until the QCP is approved.

2. Content

The QCP shall identify and address the special factors impacting the construction and specify the considerations and provisions to be made by the Contractor during completion of the project. Consideration and provisions proposed to accommodate special factors impacting the construction shall be outlined and described in sufficient detail to clearly indicate all facets of how they relate to the coordinated construction of the project.

Special factors impacting include, but are not limited to:

- Work hour restrictions.
- Construction phasing.
- Security and access requirements.
- Safety Plan and requirements
- Staging and storage area space limitations.

3. Workmanship Standards

Initiate and maintain procedures to ensure personnel performing the work are skilled and knowledgeable in the methods and craftsmanship needed to produce the required levels of workmanship. Remove and replace work that does not comply with workmanship specified and standards recognized in the construction industry for the applications indicated. Remove and replace work damaged or deteriorated by faulty workmanship or replacement of other work.

4. Manufacturer's Instructions

Where installations include manufactured products, comply with manufacturer's applicable installation instructions and recommendations.

5. Inspection / Testing

The Contractor shall provide all inspection and testing, except where required by code, , or detailed elsewhere in the requirements of this document.

The QCP shall identify the equipment/system to be inspected/tested, exact test(s) to be performed, measured parameters, and the stage of construction development when tests are to be performed. The Contractor shall organize inspection/testing of equipment in accordance with a recognized method which delineates all facets of construction. The method shall identify all equipment items, subsystems, and/or components which influence operation, function, quality or referenced on timeline charts to identify when tests should be performed. The Contractor is not relieved from the required performance test should these not be included in the plan.

6. Coordination with Others

The Contractor shall cooperate with agencies and others performing required tests, inspections and other quality control services.

SAFETY PLAN

The Contractor shall develop, provide, and maintain a Safety Plan based upon OSHA Safety Plan Requirements and EM 385. The Safety Plan shall be prepared and submitted within fifteen (15) calendar days of award notification. Construction shall not begin until the Safety Plan is approved.

COORDINATION OF WORK

The Contractor shall coordinate the work of this contract with that of other Contractors and mission activities

REQUESTS FOR INFORMATION (RFI)

Each Request for Information (RFI) must include a specific description of the issue requiring clarification, citing the specific related contract documents requiring clarification. RFI's should only be submitted after performing due diligence to confirm that the contract requirements in question are in fact unclear or otherwise inadequate.

MODIFICATIONS / CHANGE ORDERS

A Change Order will only be approved by the CO Contracting Officer.

CONTRACT ADMINISTRATION

CONTRACTOR'S STAFF

1. Personnel Qualifications

The Contractor shall exclusively utilize the Key Personnel named and/or otherwise identified in the Contractor's bid submission materials to perform services required under this contract. If any personnel named in the Contractor's Technical Qualifications Statement are unable to perform their duties due to death, illness, resignation from the Contractor's employment, the CO's request for removal, or similar reasons, the Contractor shall, within five (5) working days, submit to the CO, in writing, the name and qualifications of proposed replacement with equal or superior qualifications. No substitution shall be made without prior approval of the CO. Any approved substitutions shall be made at no increase in the lump sum contract price.

2. Acceptance

The CO shall accept or reject personnel proposed by the Contractor. The Contractor shall make a timely and prompt re-submittal to provide other personnel required to replace any that are rejected by the CO, both at initial submittal or any subsequent rejection or substitution of personnel.

3. Escorting

All Contractor personnel shall be "escorted" at all times in compliance with DS escorting requirements.

4. Permits and Responsibilities

Per FAR 52.236-7 Permits and Responsibilities, the Contractor shall, without additional expense to the Government, be responsible for obtaining any necessary licenses and permits, and for complying with any Federal, State, and municipal laws, codes, and regulations applicable to the performance of the work. The Contractor shall also be responsible for all damages to persons or property that occur as a result of the Contractor's fault or negligence. The Contractor shall also be responsible for all materials delivered and work performed until completion and acceptance of the entire work, except for any completed unit of work which may have been accepted under the contract.

5. Personnel Activities and Behavior

No alcoholic beverages or illegal substances, abusive or profane language, or other disruptive or illegal activities will be tolerated.

MEETINGS

1. Construction Kickoff Meeting

Before Construction NTP, the Contractor shall conduct a Construction Kickoff Meeting in-person with the COR, Construction Engineer and Building Manager to provide an overview of the project and discuss how all Government review comments have been addressed. Also discuss phasing, staging, working hours, vertical transportation of materials, and any other special building requirements.

2. Construction Progress Meetings

After Construction begins, the Contractor shall conduct, and a Government representative and/or consultant will attend, biweekly progress meetings in-person. Field inspections by the COR will generally coincide with these progress meetings.

COMMUNICATION

The Contractor shall reply to correspondence from the Government and Construction subcontractors within three (3) calendar days.

PROJECT CLOSEOUT

1. Final Inspection and Test

Unless otherwise identified, manufacturer recommendations shall be followed for all inspection and test procedures.

2. Product Data Manuals

The Contractor shall combine all product data submission material into hard copy manuals for reference during construction. The manuals shall be divided into sections by product.

3. Warranties

The Contractor is required to provide the Government with three (3) original signed copies of all warranties. Warranty start date shall begin no earlier than the date of installation acceptance. Contractor shall warranty all work for one (1) year.

SCHEDULE OF VALUES

Submit completed Schedule of Values no later than fourteen (14) calendar days prior to the scheduled date of initial Requests for Payment. Schedule of Values must include the following:

- Work activity – (by division or specific work activity).
- Dollar value of each specific work activity – both with an amount in dollars and cents, and as a percentage of the Contract Sum to the nearest one-hundredth percent. Adjust the amounts to total to the Contract Sum and the percentages to total 100%.
- Line items for mobilization and demobilization.
- Line item for close out (% to be negotiated with COR).
- Total cost and proportionate share of general overhead and profit for each item (i.e., no stand-alone item for Overhead, and Profit).
- Temporary facilities and other major cost items that are not direct cost of actual work-in-place may be shown either as separate line items in the schedule of values or distributed as general overhead expense, at the Government's option.

Each item in the Schedule of Values and Requests for Payment shall be complete.

1. Modifications

Update affected work branches and subordinate line items and resubmit the Schedule of Values before the next Request for Payment when Modifications result in a change in the Contract Sum.

FEE & PAYMENT

Prior to final payment under this SOW, the Contractor shall furnish the Government with a release of all claims against the Government under the applicable portions of this contract.