

SOW MISC. SIDEWALK, CURB AND GUTTER

512-11-337

PROJECT DATA:

TITLE: Misc. Sidewalk, Curb and Gutter
 PROJECT No: 512A5-11-337
 FACILITY: VAMC Perry Point
 COTR: Matt Hargrove, Facilities & Engineering (410-642-2411 ext. 5342)

CAMPUS SIDEWALK, CURB AND GUTTER REQUIREMENTS

Contractor shall provide all supervision, labor, materials and equipment to provide new sidewalk, curb and gutter as described in the provided documents and drawings. Successful bidder shall remove existing concrete and associated base and replace according to plans and specifications. The summary of the bid quantities are below:

Item Description	Total Qty.
Bid Option #1	
<ul style="list-style-type: none"> • Demolition and replacement of 4" concrete sidewalk, according to detail SD320523-18 and plan sheets SW-02 and SW-03. Items S-1 to S-21. 	<ul style="list-style-type: none"> • 17960 SF
<ul style="list-style-type: none"> • Demolition and replacement concrete curb and gutter "Type D", according to detail MD 620.02-01 and plan sheet SW-02. Items C-1 to C-8 and C-10 to C-12 	<ul style="list-style-type: none"> • 1255 LF
<ul style="list-style-type: none"> • Demolition and replacement of curb access ramps according to details pertaining to curb access ramps on detail sheet SW-04. Locations are specified on plan sheet SW-02. 	<ul style="list-style-type: none"> • 14 EA
Bid Option #2	
<ul style="list-style-type: none"> • Demolition and replacement concrete curb and gutter "Type D", according to detail MD 620.02-01 and plan sheet SW-02. Item C-9 	<ul style="list-style-type: none"> • 2725 LF

The Department of Veterans Affairs may elect to choose Bid Option #1 or Bid Option #1 and Bid Option #2 based on lowest bid from competent contractors.

See 'General Site-Work Requirements' in addition to plans and specifications, general expectations and, work practices.

GENERAL SITE-WORK REQUIREMENTS

1. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT (800) 257-7777, AND THE "VETERANS ADMINISTRATION" PROJECT ENGINEER (410) 642-2411, EXT. 5342 AT LEAST (7) DAYS PRIOR TO

BEGINNING OF CONSTRUCTION. VETERANS ADMINISTRATION'S (VA) OWNED UTILITIES SHALL BE LOCATED AND MARKED BY "UNDERGROUND PROTECTION, INC" (410) 569-8989 UNDER THE DIRECTION OF THE CONTRACTOR. COST FOR LOCATING AND MARKING VA OWNED UTILITIES SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE(S).

2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OCCUPATIONAL AND SAFETY LAW.
3. HORIZONTAL AND VERTICAL CONTROLS ARE BASED UPON AN ASSUMED COORDINATE SYSTEM AND DATUM WITH BOTH TIED TO THE VA MEDICAL CENTER MONUMENT COORDINATE SYSTEM AND DATUM. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL DATUM AS ESTABLISHED BY U.S.C. & G.S. B.M. "P-19" LOCATED ON THE FIRST STEPDOWN OF WEST END OF NORTH ABUTMENT OF PENNA R.R. BRIDGE OVER ROAD TO PERRY POINT. COORDINATES ARE PLANE COORDINATES AS ESTABLISHED BY U.S.C.&G.S. FOR THE STATE OF MARYLAND ARE BASED UPON TRIANGULATION STATION "PERRY".

"PERRY" N 625,427.03 E 1,068,770.55

4. CONTRACTOR SHALL PAY FOR ALL STAKING, RESTAKING, AND CUT SHEETS REQUIRED FOR THE PROPOSED CONSTRUCTION. ALL STAKE-OUT MUST BE DONE BY A REGISTERED LAND SURVEYOR OR PROFESSIONAL ENGINEER.
5. EXISTING UTILITIES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR, BUT THE COMPLETION OR ACCURACY OF THE SAME IS IN NO WAY GUARANTEED. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND ELEVATION OF EXISTING UTILITIES AT HIS OWN EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES DURING CONSTRUCTION. EXISTING UTILITIES ARE BASED ON SURVEY DRAWINGS PROVIDED BY VA'S ADMINISTRATION PERSONNEL.
6. ROADSIDE DRAINAGE DITCHES, CULVERTS, AND UNDERDRAINS, WHICH ARE DAMAGED OR DESTROYED BY CONSTRUCTION SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THAT PRIOR TO THE START OF CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SIGNING AND CONTROLS FOR PEDESTRIAN AND VEHICULAR TRAFFIC IN WORK AREAS FOR SAFETY AND TO MINIMIZE INTERRUPTION OF NORMAL ACTIVITY AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REFER TO THE PROJECT SPECIFICATIONS AS WELL AS THE MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATION AND STANDARD DETAILS, WHERE APPLICABLE, FOR ADDITIONAL REQUIREMENTS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF TRAFFIC AND TRAFFIC CONTROL DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL TAKE ALL THE NECESSARY PRECAUTIONS TO PROTECT EXISTING TREES. NO TREE SHALL BE REMOVED, UNLESS SPECIFICALLY APPROVED IN WRITING BY THE ENGINEER PRIOR TO ANY REMOVAL OPERATIONS.
10. THE CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM THE RESIDENT ENGINEER PRIOR TO PREFORMING ANY WORK ON SATURDAYS, SUNDAYS, OR FEDERAL HOLIDAYS.
11. CONTRACTOR SHALL COORDINATE WITH RESIDENT ENGINEER EXACT LIMITS OF SIDEWALK, CURB AND GUTTER TO BE REPLACED PRIOR TO START OF WORK. QUANTITIES SHALL BE AGREED TO PRIOR TO START OF WORK.

12. THE CONTRACTOR SHALL MATCH ADJACENT SIDEWALKS OR CURB & GUTTER FOR LINE AND GRADE. CONTRACTOR SHALL WARP PAVING AS NECESSARY TO ENSURE POSITIVE DRAINAGE.
13. THE CONTRACTOR SHALL RESTORE ALL EXISTING FEATURES AFFECTED BY THE CONSTRUCTION TO MATCH ORIGINAL CONDITIONS, INCLUDING, BUT NOT LIMITED TO: CURBS, SIDEWALKS, PAVING, STRUCTURES, TURF, SIGNS, GRAVEL, PARKING, PARKING BLOCKS, RAILINGS, ETC. CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY THEIR WORK ACTIVITY. THIS INCLUDES REGRADING OF GROUND ADJACENT TO WORK AREAS WHERE TIRE RUTS HAVE BEEN GENERATED. SEEDING AND SOIL STABILIZATION WILL BE REQUIRED IN REGRADED AREAS.
14. ANY DAMAGE TO EXISTING VA PROPERTY FROM CONTRACTOR ACTIVITIES SHALL BE RESTORED BY CONTRACTOR AT NO ADDITIONAL COST TO THE VA. THIS INCLUDES (BUT IS NOT LIMITED TO): REPAIRING CHIPPED CURB & GUTTER OR OTHER CONCRETE FEATURES CRACKED BY CONTRACTOR EQUIPMENT; FILLING IN RUTS IN ADJACENT GRASSY AREAS CAUSED BY CONTRACTOR EQUIPMENT OR VEHICLES; REPLANTING GRASS DAMAGED BY VEHICULAR TRAFFIC OR CONSTRUCTION ACTIVITIES.

SUBMITTAL REQUIREMENTS:

Provide submittals as indicated in the "Schedule of Contractor's Submittals" listed at the end of this section.

Furnish to the Contracting Officer, for approval, two (2) prints of all shop drawings, product data, material safety data sheets, and catalogue cuts, of all equipment and materials furnished or used under this contract, before purchase, manufacturer or construction. No work can proceed without approved submittals. The Contracting Officer and Contracting Officer Technical Representative will examine these submittals and one copy will be returned to the Contractor for correction, if necessary. CO or COTR may require additional submittals for different items not mentioned in this scope of work.

Itemized below is a list of materials requiring drawings, certifications, manufacturer's literature, data brochures, Material Safety Data Sheets, technical data, and samples. These materials as noted shall be submitted to the Contracting Officer by the Contractor for approval using the appropriate form approved by the Contracting Officer.

All submittals, except warranties and operating instructions, as noted below, shall be submitted not later than 14 days after receipt of the Notice to Proceed or as specified by the Contracting Officer.

The Contracting Officer shall return the submittals approved or disapproved within 7 business days after receipt, by VA Form 08-6225. If submittals cannot be made within 7 days after Notice to proceed or as specified by the Contracting Officer, the Contracting Officer shall be advised of the difficulty and an extension of time requested.

Warranties and operating instructions are required prior to the completion of the Contract work. Three copies of all warranties and operating manuals shall be provided unless otherwise specified.

Schedule of Contractor's Submitted Information and Submittals:

Company name, address, phone: List of all subcontractors, project superintendent, all work site employees	Employee name, Company name, trade address, phone. (all employees that will be on site of make site visits MUST get security back ground check and ID Badge)
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Utility Outage Request	Request with at least 72 hours notice and written approval obtained.
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SAFETY PRECAUTIONS:

- A. The Contractor shall comply with all applicable Federal, State and local legal requirements regarding workers health and safety. The requirements include but are not limited to, those found in Federal and State Occupational Safety and Health Act (OSHA and MOSHA) statutes and regulations, such as applicable provisions of Title 29, Code of Federal Regulations (CFR) Parts 1910 and 1926. Contractor is solely responsible for determining the legal requirements that apply to activities, and shall ensure safe and healthful working conditions for its employees.
- B. Contractor shall assume the responsibility to guard against causing of fires and/or explosions and to protect Government Property, reference NFPA 241 and 29 CFR 1926.
- C. The Contractor shall perform the work in a manner consistent with the area security and fire safety regulations especially with regard to exits and exit way access. Utility shutdowns shall not compromise security, communication or fire safety for occupants.
- D. No flammable liquids shall be stored or used in the medical center.
- E. The necessary number and appropriate types of portable fire extinguishers are required per National Fire Protection Association (NFPA) 10 and NFPA 241.
- F. The Contractor shall request, from the COTR a permit for all cutting, welding, and soldering. All permits shall be prominently displayed during all construction.

HAZARDOUS MATERIAL REPORTING:

- A. The Contractor shall maintain hazardous material inventories and material safety data sheets (MSDS) for all hazardous materials (as defined in CFR 1910.120, 40 CFR's 355, 370, & 372) to be stored and used on this Medical Center. Hazardous materials must be inventoried when received and at the project's completion. The amounts used shall be maintained for the project duration.
- B. Hazardous Materials Inventories, Material Safety Data Sheets and material quantities used shall be submitted to the Contracting Officer for approval and copies furnished to the Contracting Officers Technical Representative.
- C. In the event of a spill, Contractor shall immediately notify the Contracting Officer's Technical Representative as well as the Contracting Officer. The Contractor shall be solely responsible for the expense of any cleanup and / or damage resulting of such spill, and the cleanup shall be in accordance with the applicable provisions of 40 CFR Part 761.

ENVIRONMENTAL PROTECTION:

In order to provide for abatement and control of all environmentally hazardous materials arising from demolition and/or construction activities, the Contractor shall comply with all applicable environmentally hazardous material control and abatement and all applicable provisions of the Corps of Engineers'

Manual EM 385-1-1, "General Safety Requirements" as well as the specific requirements stated elsewhere in the Contract Documents.

APPLICABLE SPECIFICATIONS: In addition to Detailed Requirements shown at section 4 above, requirements contained in following listed Sections of V.A. Master Construction Specifications shall also form part of Contract and be applicable to Contract Work.

a. Administrative Sections:

00 01 15 – List of Specifications

01 00 00 – General Requirements

01 33 23 – Samples and Shop Drawings, (Submittals)

02 41 00 – Demolition

01 45 29 – Testing Services

01 57 19 – Temporary Environmental Controls

03 30 00 – Cast in Place Concrete

23 08 00 – Commissioning of HVAC

32 05 23 – Exterior Concrete

Contractor to verify and use above specification sections required to complete the project. Visit <http://www.cfm.va.gov/til/spec.asp> to find referenced specifications.