

STATEMENT OF WORK:

Parking Lot Sealant and Joint Repair Project #595-23-108

1. The scope of work shall generally consist of, but not limited to the following: providing all labor, materials, tools, equipment, permits, testing, and reports required to crack seal, repair potholes, seal coat, and line paint parking lots of the Lebanon VA Medical Center, 1700 South Lincoln Ave., Lebanon, PA as defined by the drawings and specifications.
2. The intent of this project is to inspect the specified parking lots for areas needing maintenance or repairs to cracks, potholes, or full depth repairs within the asphalt before seal coating and line painting the entire parking lot(s) as originally laid out or as specified in the project drawings.
3. This project shall be bid as the price to complete all work as identified in the drawings and specifications. Dimension for all parking lots, potholes, and full depth repairs shall be verified by the contractor. All work shall be completed within 90 calendar days from receipt of Notice to Proceed.
4. Contract Objective: The Lebanon VA Medical Center needs maintenance or repairs to various parking lots throughout the campus.
5. All work must follow the US Department of Veterans Affairs Office of Construction and Facilities Management Specifications - [Technical Information Library \(TIL\) - Office of Construction & Facilities Management \(va.gov\)](#), Commonwealth of Pennsylvania Department of Transportation Publication 408/2020 Construction Specifications - [408_2020_IE.pdf \(state.pa.us\)](#) and OSHA standards.
 1. Asphalt Joint and Crack Sealing –
 - a. Clean, dry, remove debris and vegetation from cracks, joints, and adjacent pavement surfaces. If required, rout cracks to create a reservoir 1/2 inch deep. Clean the pavement for 4 inches to 6 inches on either side of the joint or crack. Immediately before sealing, use a compressed air stream of at least 100 pounds per square inch measured at the source, or a hot compressed air lance to clean and dry damp cracks in asphalt pavements. If using the hot compressed air lance, do not damage the surrounding pavement area from overheating.
 - b. Seal joints and cracks from 1/4 inch to 3/4 inch wide with asphalt sealant, and fill joints and cracks over 3/4 inch wide with fiber-modified asphalt filler or wearing course 4.75 mm. If using asphalt sealant, fill prepared joints and cracks level with the pavement surface. Wipe the sealant flush with the

pavement surface, leaving a thin film of sealant from 1/32 inch to 1/16 inch thick and from 1 inch to 3 inches wide.

2. Repair Potholes

- a. Identify edges of defective areas needing repair.
- b. Saw-cut asphalt one (1) foot into sound pavement beyond edge of defective pavement.
- c. Remove defective asphalt materials from repair area
- d. Add or remove base course material to allow for specified asphalt thicknesses.
- e. Compact existing base course material.
- f. Apply an Emulsified Asphalt Tack Coat to all vertical asphalt surfaces
- g. Install three and a half (3-1/2") inches of asphalt base course, using Superpave Asphalt Mixture Design, HMA Wearing Course, PG 64-22, 0.0 to <0.3 Million ESALS, 25.0 MM Mix
- h. Install One and a half (1-1/2") inches or more of asphalt top course, Superpave Asphalt Mixture Design, HMA Wearing Course, PG 64-22, 0.0 to <0.3 Million ESALS, 9.5 MM Mix, SRL-L, to be flush with existing surface.
- i. Apply twelve-inch-wide asphalt sealer to the asphalt joint

3. Full Depth Repair

- a. Identify edges of defective areas needing repair.
- b. Saw-cut asphalt one (1) foot into sound pavement beyond edge of defective pavement.
- c. Remove materials from repair area to a depth of seventeen (17) inches below finished surface.
- d. Install two (2) six (6) inch lifts of compactable, 2A, Road Base stone
- e. Apply an Emulsified Asphalt Tack Coat to all vertical asphalt surfaces
- f. Install three and a half (3-1/2") inches of asphalt base course, using Superpave Asphalt Mixture Design, HMA Wearing Course, PG 64-22, 0.0 to <0.3 Million ESALS, 25.0 MM Mix
- g. Install One and a half (1-1/2") inches of asphalt top course, Superpave Asphalt Mixture Design, HMA Wearing Course, PG 64-22, 0.0 to <0.3 Million ESALS, 9.5 MM Mix, SRL-L, flush with existing surface.
- h. Apply twelve-inch-wide asphalt sealer to the asphalt joint

4. Prime oil spots

- a. Clean, degrease, rinse thoroughly, where oil or grease are present on pavement.

5. Sealcoating

- a. Remove and dispose of all debris and vegetation from parking lot(s). Apply emulsified asphalt only when entire surface will allow for proper material penetration, adhesion, and while following the manufacturer's application instructions.

- b. Seal all joints with a hot asphalt sealant where the asphalt meets a vertical surface (curb, building wall), manhole, stormwater structure, or adjacent horizontal surface.
6. Pavement Markings
- a. Re-stripe parking lot(s) as originally laid out or as specified in the drawings, to include but not limited to parking spaces, stop lines, crosswalks, handicap symbols, diagonal striping, directional arrows etc. Add additional handicap parking symbols as identified on the drawings.

Parking lots included are as follows:

- a. Parking Lot 2, 22, and 102
 - 167,500 square feet seal coat, VIF
 - 3,500 linear feet of hot pour crack sealant, VIF
 - 850 square feet of oil spot primer, VIF
 - 17,000 linear feet of line painting, VIF
 - Two pothole areas needing repair, VIF
 - 4' x 4' pothole repair around two waterline valves, VIF
- b. Parking Lot 18
 - 21,500 Square feet seal coat, VIF
 - 1,000 Linear feet of hot pour crack sealant, VIF
 - 250 Square feet of oil spot primer, VIF
 - 1,200 Linear feet of line painting, VIF
 - 5' x 5' Full Depth Repair, VIF
- c. Parking Lot 18A
 - 15,300 Square feet seal coat, VIF
 - 1,000 Linear feet of hot pour crack sealant, VIF
 - 250 Square feet of oil spot primer, VIF
 - 500 Linear feet of line painting, VIF
 - One pothole area needing repairs, VIF
- d. Building 18 Service Entrance
 - 12,000 Square feet seal coat, VIF
 - 1,000 Linear feet of hot pour crack sealant, VIF
 - 250 Linear feet of line painting, VIF
 - 5' x 5' Full Depth Repair, VIF
 - 6' x 40' Full Depth Repair, VIF
- e. Parking Lot 19
 - 91,100 square feet seal coat, VIF
 - 2,600 linear feet of hot pour crack sealant, VIF
 - 750 square feet of oil spot primer, VIF
 - 4,700 linear feet of line painting, VIF

- f. Parking Lot 24
 - 30,000 square feet seal coat, VIF
 - 1,000 linear feet of hot pour crack sealant, VIF
 - 250 square feet of oil spot primer, VIF
 - 1,800 linear feet of line painting, VIF
 - Two potholes needing repairs, VIF
 - 6' x 32' Full Depth Repair, VIF
 - Two pothole areas needing repairs, VIF
 - g. Building 1 Loop
 - 9,000 square feet seal coat, VIF
 - 1,000 linear feet of hot pour crack sealant, VIF
 - h. Buildings 35
 - 28,500 square feet seal coat, VIF
 - 1,800 linear feet of hot pour crack sealant, VIF
 - 250 square feet of oil primer, VIF
 - 1,400 linear feet of line painting, VIF
 - i. Building 37
 - 11,200 square feet seal coat, VIF
 - 600 linear feet of hot pour crack sealant, VIF
 - 225 square feet of oil primer, VIF
 - 750 linear feet of line painting, VIF
7. Waste Materials – all waste material must be removed from the site daily. The LVAMC has no waste / fill pile on campus.
8. Work Schedule – To limit the impact on the LEB Medical Center, all work **MUST** be completed during the evenings with the sealcoating and line painting only taking place on Friday, Saturday, or Sunday. Phasing will be implemented in each work area. Refer to Phasing Map. All work must be scheduled with the CO and COR.
9. The following documents are incorporated into the statement of work and can be found as attachments to this solicitation:
- a. Site Plan – Work Outlined
 - b. Drawings –
 - GI-001 Title Sheet
 - GI-002 Campus Map
 - GI-003 Phasing Map
 - GI-100 Utility Map
 - CS101 Lot 2,22,102
 - CS102 Lot 18
 - CS103 Lot 18A
 - CS104 Bldg. 18 Service Entrance
 - CS105 Lot 19

CS106 Lot 24
CS107 Bldg. 1 Loop
CS108 Bldg. 35 Lot
CS109 Bldg. 37 Lot
CS110 Construction Details

c. VA Specification:

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