

DRAFT DOCUMENT

Sources Sought Notice 36C24618Q9114
Attachment 1 – Draft Statement of Work

Hampton VA Medical Center

Architect Engineer (A/E)
SCOPE OF WORK
HRSD Infiltration and Inflow
Project # 590-18-105

GENERAL:

A/E shall complete the below Infiltration/Inflow (I/I) Compliance Milestones for the Hampton Veterans Affairs Medical Center (HVAMC).

1. Provide GIS database of information of the Facility to HVAMC for review and comment as outlined in Sections 1.3 and 3.2 of the Federal Facility Technical Standards. HVAMC has some CAD and information available. Due to HVAMC within 45 days of the NTP.
2. Prepare a Preliminary Flow, Pressure, and Rainfall (FPR) Monitoring Plan. The PFPR Monitoring Plan shall be submitted to HVAMC for review and approval as outlined in Sections 1.3 and 3.3 of the Federal Facility Technical Standards. Due to HVAMC within 80 days of the NTP of milestone 2.
3. Prepare a Flow monitoring for Sewer System Evaluation Survey (SSES) Basin identification. The SSES shall be completed within 120 days of HVAMC approving the Preliminary FPR Plan. Notification that the flow monitoring for SSES Basin Identification has been completed and all associated flow monitoring data shall be received by HVAMC within 45 days of flow monitoring completion.
4. Prepare a FPR Evaluation Report. Report shall be submitted to HVAMC for review and comment, as outlined in Sections 1.3 and 3.5 of the Federal Facility Technical Standards, prior to sewer rehabilitation activities being initiated. Due to HVAMC within 210 days (45 days after milestone 3) of HVAMC approving the Preliminary FPR Plan (milestone 2).
5. Develop and apply a hydrologic model that shall be used to evaluate system performance under a variety of hydrologic conditions. The Model Development Documentation shall be submitted to HVAMC for review and approval as outlined in Sections 1.3 and 4.5 of the Federal Facility Technical Standards. Due to HVAMC within 120 days of completion of the FPR.
6. Develop a SSES Work Plan and shall be submitted to HVAMC for review and approval as outlined in Sections 1.3 and 5.2 of the Federal Facility Technical Standards. Due to HVAMC within 90 days of HVAMC approving the Model Development Documentation.

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7. SSES work activities shall be completed within 6 months of HVAMC's approval of the SSES Work Plan. Notification of completion of field activities due to HVAMC within 30 days of completion of work.
8. Develop, complete, and document a Condition Assessment of Sewers and Pump Stations to develop the Rehabilitation Plan. The Rehabilitation Plan and Condition Assessment Documentation along with a schedule must be submitted to HVAMC for review and approval as outlined in Sections 1.3, 6.7 and 7.6.1 of the Federal Facility Technical Standards. The Rehabilitation Plan and Condition Assessment Documentation are due to HVAMC within 120 days of completing the SSES work activities.

Milestone Timeframes	Due Date (Calendar Days After NTP of each item)
Milestone 1	45
Milestone 2	80
Milestone 3	165
Milestone 4	45
Milestone 5	120
Milestone 6	90
Milestone 7	180
Milestone 8	120
Total Completion Days	845 days (28 months)

Note: Please estimate 60 days between milestones for HVAMC and HRSD review.

SPECIFIC REQUIREMENTS:

- A. All work carried out under this Scope of Work shall be comply with the Federal Facility Technical Standards and Part IV of the HRSD Industrial Wastewater Discharge Regulations. The Federal Facility Technical Standards provides the detailed activities that must be undertaken to ensure compliance with the I/I Order and can be found on HRSD's website at <http://www.hrsd.com/pdf/Federal-Facilities-Tech-Stds FINAL20140626.pdf>.
- B. The HVAMC shall follow the following: “In accordance with Section 503A of the HRSD Industrial Wastewater Discharge Regulations, a written progress report must be received by the HRSD Pretreatment & Pollution Prevention Division (P3) within fourteen (14) days of a milestone in the compliance schedule and within fourteen (14) days of the final date for compliance, indicating whether the milestone or final compliance date was met and if not, when such compliance with that increment of progress is expected. For good cause shown, as approved

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by the HRSD Pretreatment & Pollution Prevention Division, each milestone date of any compliance schedule may be extended up to a maximum of nine (9) months. Any requested modifications to an I/I Order shall follow the procedures outlined in Section 409 of the HRSD Industrial Wastewater Discharge Regulations. Progress Reports on projects completed after approval of the Rehabilitation Plan shall be received by HRS D's P3 Division no later than December 31st annually, or as required in the I/I order, whichever is more frequent.” The designer shall notify HVAMC immediately if a milestone will not be completed by its due date.