



Task Order No. 24-09  
City of Whitewater, Wisconsin (OWNER)  
and Strand Associates, Inc.® (ENGINEER)  
Pursuant to Agreement for Technical Services dated December 30, 2020

## **Project Information**

Project Name: 2025 Stormwater Detention Basin Maintenance

Services Description: Provide topographic survey, sediment sampling, design, and bidding-related services for maintenance of three existing stormwater detention basins.

## **Scope of Services**

ENGINEER will provide the following services to OWNER.

### Design Services

1. Attend one virtual kickoff meeting with OWNER to discuss the scope of services and project schedule.
2. Prepare topographic survey of existing stormwater detention basins at the following locations:
  - a. East Clay Street Wet Detention Basin
  - b. Parkcrest Subdivision Dry Detention Basin
  - c. Walton's Pine Bluff Southwest Dry Detention BasinCorrespond with utility marking company to locate buried utilities prior to topographic survey.
3. Provide the following sediment and parent material sampling services at the East Clay Street Wet Detention Basins.
  - a. Collect a composite sediment sample from two sediment cores taken at each end of the existing wet detention basin. Collect a parent material sample from the bottom of each sediment core (total of four samples) from the wet detention basin site.
  - b. Submit two sediment samples and two parent material samples for laboratory analysis for the parameters listed in Chapter NR 528.06(3)(b)1–4 of the Wisconsin State Code, plus herbicides and pesticides. Samples will be submitted to CT Laboratories, LLC, in Baraboo, Wisconsin.
  - c. Evaluate laboratory analysis results and proposed sediment end use. Provide OWNER with criteria for potential disposal sites for potentially contaminated sediment.
  - d. Provide OWNER with a signed Certification Form 4400-248, supporting documentation consisting of a map showing sample locations, and the laboratory report.
4. Provide the following design drawings for each of the three stormwater detention basin sites:
  - a. Cover sheet.
  - b. Existing survey and control sheet.
  - c. Access and erosion control sheet.
  - d. Detail sheets.
  - e. Plan and profile sheets.

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- f. Cross section sheets.
- g. Restoration sheet.
5. Submit preliminary design drawings to private utility companies. Communicate with utility companies regarding work plans for conflicts with OWNER's project identified by the private utilities. Design changes caused by conflict resolution shall be considered additional services.
6. Prepare Bidding Documents using Engineers Joint Contract Documents Committee C-700 Standard General Conditions of the Construction Contract, 2018 edition, technical specifications, and engineering drawings. Submit preliminary Bidding Documents to OWNER in portable document format file for review.
7. Prepare a prebid opinion of probable construction cost for the project and submit to OWNER.
8. Attend a virtual progress meeting with OWNER to discuss preliminary Bidding Documents.
9. Modify preliminary Bidding Documents to address comments from OWNER, as appropriate.
10. Prepare an updated opinion of probable construction cost for the project and submit to OWNER.
11. Communicate with regulatory agencies to discuss project status and permitting.
12. Prepare and submit a Water Resources Application for Project Permit seeking construction site stormwater permit coverage from the Wisconsin Department of Natural Resources for the project.

#### Bidding-Related Services

1. Distribute Bidding Documents electronically through QuestCDN, available at [www.strand.com](http://www.strand.com) and [www.questcdn.com](http://www.questcdn.com). Submit advertisement to Bid to OWNER for publishing.
2. Prepare addenda and answer questions during bidding.
3. Attend virtual bid opening, tabulate and analyze bid results, assist OWNER in the award of the Construction Contract, and prepare Contract Documents for electronic signature via DocuSign.

#### **Service Elements Not Included**

In addition to those listed in the associated Agreement for Technical Services, the following services are not included in this Task Order and, if required, may be provided as noted.

1. Additional Sediment Sampling: Collection and analysis of additional sediment samples, if recommended due to detection of elevated contaminant levels, will be provided through an amendment to this Task Order.
2. Wetland-Related Permitting, if Required by Regulatory Agencies: It is anticipated that any wetlands within the Bloomingfield Acres and East Clay Street Wet Detention Basins could be removed, as necessary, to complete the work by invoking an NR 103 Water Quality Standards for Wetlands exemption in accordance with Chapter NR 103.06(4) of the Wisconsin State Code, which allows removal of an artificial wetland that is associated with a stormwater detention facility operated and maintained only for sediment detention and flood storage purposes.

