The purpose of this memorandum is to provide a recommendation for selecting a contractor to perform on-going maintenance of five underground stormwater quality units (SWQU) and eight sump catch basins for which the BCWD has the obligation of maintaining under various cooperative agreements (Countryside Auto Repair, Brown's Creek Park, and the McKusick Road stormwater improvement projects). Figure 1 displays the locations where maintenance is to occur. The work includes vacuuming and hydro-jetting of the stormwater treatment structures, testing, hauling, and disposal of accumulated liquid and solids as-needed for a period of two years. The request was for the contractors to provide a lump sum cost per cleaning, per stormwater treatment structure. Also included was repair of a minor sink hole located next to the fence along the Brown’s Creek Trail, near the Countryside Auto Repair SWQU.

The results below are from re-issuing the RFQ after receiving direction from the Board of Managers to explore options in the request that may result in more contractors responding and quoted prices that are more economical. In response to this direction, EOR followed up with the original 11 contractors requesting feedback on adjustments that may realize an overall cost savings as well as the reasons for not providing a quote in the first round (having only received two). Receiving only one response, EOR then searched for additional contractors that provide this type of service and individually reached out to 21 contractors via phone. The feedback received regarding lack of response was that they either did not recall receiving the RFQ, though email read receipts were confirmed, or they are already too busy to take on new work. All contractors expressed interest in providing a quote and considered a closing date of July 2, 2020 sufficient time to respond. The feedback received regarding cost impacts was to extend the duration to complete the work to 45 or 60 days, and to select a contractor to work with on a time and materials basis instead of lump sum per unit. Because the time to conduct this type of work is heavily dependent on the type of equipment the contractor will be using, a lump sum request was maintained in lieu of time and materials such that a fair comparison can be made between quotes.

**Quote Summary**

The request for quote package was distributed to 21 contractors on June 19, 2020; three contractors submitted quotes as summarized in Table 1.

Table 1. Summary of Quotes

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SWQU (5) Total</th>
<th>Sump Manholes (8) Total</th>
<th>Sink Hole Repair Total</th>
<th>Total Quote</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Environmental</td>
<td>$26,000</td>
<td>$8,000</td>
<td>$600</td>
<td>$34,600</td>
</tr>
<tr>
<td>Badger Daylighting</td>
<td>$28,753</td>
<td>$6,576</td>
<td>$500</td>
<td>$35,829</td>
</tr>
<tr>
<td>Schlomka Services, LLC</td>
<td>$47,500</td>
<td>$1,000</td>
<td>$500</td>
<td>$56,000</td>
</tr>
</tbody>
</table>
Discussion

The SWQU quoted prices are higher than when Badger Daylighting was contracted to cleanout the Countryside Auto Repair SWQU in 2018 for $2,538. The work was ultimately conducted per the contract, though significantly delayed due to contractor proposed change orders and determining suitable disposal locations.

While higher than previously contracted, the quoted SWQU cleanout prices are consistent with budgeting recommendations during the project planning phase ($5,000 per cleaning in 2014-2017). Based on the volume of accumulated sediment at the maintenance triggers for all devices, the cost per ton of sediment is approximately $900 for 37 tons of material (dry unit weight of 103 lb/ft$^3$).

The BCWD Administrator has initiated conversations with the City and County regarding their ability to conduct some of the cleanout maintenance on these projects.

The SWQU at Brown’s Creek Park will not be online until the City completes the road improvements along Neal Avenue. Once complete, the sediment depth will be monitored at this site, though this unit may not need maintenance within the 2-year contract duration.

Based on the inspection records, a proactive maintenance frequency will be approximately every 12-18 months on the SWQU’s and four of the sump catch basins. The other four catch basins have not reached the maintenance trigger in more than two years.

Currently, maintenance is due on four SWQU’s, four sump catch basins, and the sink hole repair is needed. This immediate maintenance need will cost $25,400 from American Environmental.

Recommendation

EOR suggests that the Board consider the following action:

Award of the contract to American Environmental to immediately proceed with the work items that are needed now (4 SWQU’s, 4 sump catch basins, 1 sink hole repair not to exceed $25,400 + 10% contingency from account 948-0000), and continue discussions with city and county partners regarding their ability to conduct some of the maintenance by amending existing cooperative agreements or a new agreement.