COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: October 23, 2017
AGENDA NUMBER: 11
ITEM: Request to Award Work-Springbrook Weir Filter Retrofit

FISCAL IMPACT: $0
POLICY IMPACT: Policy

REQUEST
Review Quotes and Award contract for the Springbrook Weir Filter Retrofit project

BACKGROUND
On April 6, 2017 staff submitted a stormwater research grant application to the Metropolitan Council Environmental Services (MCES) for the Springbrook Creek Biochar-Enhanced Filter Project (Weir filter retrofit). The proposed project is a novel application of a biochar-enhanced filter to address dissolved and bacterial pollutants in Springbrook Creek (AKA Ditch 17). The landowner, City of Fridley, reviewed the grant application prior to submittal and expressed their general support for the proposed project.

On May 24, 2017 the MCES awarded the Biochar-Enhanced Filter Retrofit project in the amount of $53,500 (75% of total project cost). The total project cost is $71,974 and requires a 25% local match. Grant funds will be used to cover cash components of the project such as construction, water quality monitoring, and interpretive signage. The remaining balance will be used to reimburse a portion of engineering costs.

On June 19, 2017 the Springbrook Creek Weir Filter Retrofit Project site was included on the annual District Board Tour. The grant award and components of the project were discussed.

On July 10, 2017 the grant agreement was executed between the District and MCES.

On August 3, 2017 the District Engineer and Staff completed a survey of the existing conditions of the Springbrook Nature Center Weir. The District Engineer used these data to complete a final project design and engineers estimate.

On September 6, 2107 Staff met with the City of Fridley to discuss the components and merits of the project. City of Fridley staff verbally agreed to proceed with the project and requested a joint powers agreement be executed to formalize the action before construction.

On September 8, 2017 Staff sent a request for quotes to 6 prequalified contractors that the District has used in the past. Contractors from the Metropolitan Council Underutilized Business Program were included in the request for quotes per the grant agreement.
On September 11, 2017 the Board approved the 2018 budget, including the 25% local match requirement for the Springbrook Creek Weir Filter Retrofit Project provided in the form of staff time and professional services.

On October 5, 2017 a mandatory prequote meeting was held at the project site to review and discuss the proposed project. 4 of 6 invited contractors attended.

On October 10, 2017 Addendum 1 was provided to the 4 contractors that attended the mandatory prequote meeting. Addendum 1 included a clarification on weight restrictions on the access road and anticipated excavation quantity. The north access route will be restricted to a 16,200 pound per axle weight limit with the use of 8” thick timber mats due to a shallow Center Point Energy utility line.

On October 18, 2017 quotes were due by noon the District office; quotes from 4 contractors were received.

**ISSUES/CONCERNS**

**Quote Completeness:**

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<th>Company</th>
<th>On time</th>
<th>Addendum 1</th>
<th>Complete</th>
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<tbody>
<tr>
<td>Blackstone Contracting</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>G.F. Jedlicki</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Northland Excavating</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Sunram Construction</td>
<td>Yes</td>
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**Quotes:**
The engineer’s estimate was $29,595.

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**Joint Powers Agreement:** City of Fridley Staff have verbally agreed to the Project and requested a joint powers agreement be executed to formalize the action before construction. City of Fridley Staff are in the process of drafting an agreement.

**Weir management:** The weir that the filter is being attached to maintains an upstream normal water level that is necessary for the filter to operate. However, boards in the weir are periodically removed in late fall to draw down the upstream water level over the winter in preparation of spring thaw and flooding. The City of Fridley has agreed with Staff to ensure all boards are in place from May 1 to October 30 to ensure the filter operates appropriately during the monitoring season.

**Performance Monitoring:** Following construction, the performance of the filter will be monitored during quarters 2, 3, and 4 of 2018 and 2019.
**Filter Maintenance:** the grant includes exchange and disposal of filter media in quarter 3 or 4 of 2019 if needed. At the completion of the project, the performance of the filter will be evaluated to determine long-term maintenance needs.

**RECOMMENDATION**
Award contract to Northland Excavating
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