

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Design and Repair Services for Lindsay Drive Slope Failure Repair – RFP No. 20-0003
<b>INITIATED BY:</b>	Finance Department

It is requested that Council authorize the execution of a contract with Keller North America, Inc. (formerly Hayward Baker, Inc.) (Alpharetta, GA) to evaluate, design and repair a slope failure located between 8<sup>th</sup> Street and Lindsay Drive at Terminal Court. Slope movement and continual erosion along this unstable slope has reached a point that the support of 8th Street is becoming compromised. The firm’s proposal is within the \$800,000.00 budgeted for this project.

Keller North America, Inc. will be responsible for the following:

1. Follow contract requirements in accordance with all conditions of the Construction Contract, including those referenced in the Plan Book, provide a responsible on-site superintendent, assign qualified persons to the work, provide the equipment required to do the assigned task or accomplish the work, maintain records of expenditures, deliverables and progress, submit required reports on schedule, and maintain a clear line of communication for prompt resolution of problems.
2. At a minimum, achieve and maintain the performance outcomes shown in the Conceptual Program referenced Drawings and Specifications, consistent with performance standards agreed to by Columbus Consolidated Government through a contract resulting from this RFP.

**RFP Advertisement and Receipt of Proposals:**

RFP specifications were posted on the web page of the Purchasing Division and on the Georgia Procurement Registry on August 20, 2019. This RFP has been advertised, opened and evaluated. Two proposals were received on October 4, 2019 from the following firms:

**Hayward Baker, Inc. (Alpharetta, GA)** (now Keller North America, Inc.)  
Robinson Paving Company (Columbus, GA)

The following events took place after receipt of the qualifications.

<b>RFP MEETINGS/EVENTS</b>
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<b>Description</b>	<b>Date</b>	<b>Agenda/Action</b>
Pre-Evaluation Meeting	10/17/19	The Purchasing Manager advised evaluation committee members of the RFP rules and process, and the project manager provided an overview. Proposals were distributed to each committee member to review.
1 <sup>st</sup> Evaluation Meeting	11/07/19	The Evaluation Committee discussed each proposal and determined clarifications were required of both contractors.
Clarification Requested	11/13/19	Clarification was requested from both contractors.
Clarification Received & Forwarded to Committee	11/15/19	Clarification responses were forwarded to the Evaluation Committee; additional information was not required.
Evaluation Forms Sent	11/16/19	Evaluation forms were forwarded to the voting committee members.
Evaluation Forms Returned	12/30/19	Evaluation forms were completed and returned to Purchasing for compilation of results.
Evaluation Results	02/05/20	Evaluation results were forwarded to the committee.
Recommendation of Committee	02/10/20	The voting committee members unanimously recommended award to the highest-ranking firm of Hayward Baker, Inc. (now Keller North America, Inc.)

**Evaluation Committee:**

The submissions were reviewed by members of the Evaluation Committee, which consisted of (2) voting members from the Engineering Department and one (1) voting member from the Public Works Department. One representative from Barge Design Solutions, Inc., the contracted engineer for this project, served as a non-voting advisor.

**Award Recommendation:**

The evaluation committee, as reflected by their comments provided below, recommends award to Hayward Baker, Inc. for the following reasons:

- The firm proposed an alternative design approach that will result in significant cost savings compared to the other engineered design. The 20ft soil nail retaining wall coupled with a continuous slope should rectify the slope failure and alleviate the need for more costly control structures.
- Hayward Baker has successfully completed projects that are similar in scope.
- The cost difference between each cost proposal is substantial. The design this firm provided allows for greater savings on the project than originally expected. The firm provided sufficient documentation to satisfy the proposal requirements.
- The proposed work plan provides detail on the means and methods to be utilized in order to successfully complete this project.

## **Vendor Qualifications/Experience:**

- Hayward Baker, Inc., now Keller North America, Inc., is a full-service geotechnical construction contractor.
- Hayward Baker, Inc. performed numerous slope repair projects in Georgia and across the southeast.
- Engineering News-Record ranked Hayward Baker, Inc./Keller as the #1 firm in Excavation and Foundation for years 2019, 2018 and 2017.
- Below are five (5) Hayward Baker, Inc. (HBI) projects that are of similar size and scope:
  - Aiken Railroad Drainage Project (City of Aiken, SC) June 2017  
A corroded drainage system was leaking water in to an adjacent slope. The slope eventually eroded away, exposing the drainage structure and destabilizing the slope. The slope was 15 feet away from a railway below the slope and 10 feet away from a main road above the slope. HBI installed a soil nail and shotcrete system to stabilize the eroded slope and installed a new drainage system. The entire slope and drainage system were encapsulated in shotcrete and colored to match the adjacent slope.
  - SR-68 Emergency Slide Repair (ADOT) April 2016  
A slope failure after a large rain event caused undermining of the adjacent shoulder, guardrail and road. The DOT closed the road in one direction. HBI installed soil nails thru the existing slope to stabilize it. A gabion wall was installed to support the road and restore the grades. The slope's original grade was restored and HBI utilized a mesh facing, which allows for vegetation to regrow over the slope and eventually cover/hide the soil nails and mesh.
  - Old Hwy 80 Bluff Stabilization (Vicksburg Bridge Commission) February 2018 – March 2018  
A storm event in April 2017 triggered a landslide on a bluff adjacent to the railroad bridge that crosses the Mississippi River along I-20 and a historic site at Navy Circle, operated by the National Park Services. HBI installed soil nails with a shotcrete facing adjacent to the bridge abutment and soil nails with a mesh facing in the remaining area.
  - Heard County High School Embankment Repair (Heard County Schools) April 2019  
Continual erosion of a slope behind the fieldhouse at Heard County High School was encroaching on the neighboring cemetery and endangering the exposure of several graves directly above the top of the slope. HBI installed soil nails and shotcrete to prevent further erosion along with regrading adjacent slopes for improve stability.
  - GA 60 Emergency Slope Repair (GDOT) August 2018  
Runoff from a storm event in February 2018 overtopped the drainage system on the state road, which travels thru the Chattahoochee National Forest and serves as the main road between several north Georgia mountain towns. HBI installed an anchored soldier pile wall with shotcrete lagging to stabilize the slope and restore

the shoulder lane, which had been lost during the storm event. The shotcrete was colored to match the surrounding natural slopes and mountainsides. HBI maintained one lane open during construction to avoid shutting the road down.

The RFP process is governed by the City's Procurement Ordinance Article 3-110, Competitive Sealed Proposals for the procurement of Equipment, Supplies and Professional Services. During the process of an RFP there is no formal opening, due to the possibility of negotiated components of the proposal. In the event City Council does not approve the recommended offeror, no proposal responses or any negotiated components are made public until after the award of the contract. Therefore, the evaluation results and cost information has been submitted to the City Manager in a separate memo for informational purposes.

The recommended firm's cost proposal is within the \$800,000.00 budgeted for this project. Funds are budgeted in the FY20 Budget: Capital Projects - General Fund Supported Capital Project – Engineering/Architect Services – FEMA/GEMA – Lindsey Dec 2015 Storm Damage; 0508-660-1000-CPGF-6338-22946-20180

**A RESOLUTION**

**NO. \_\_\_\_\_**

**A RESOLUTION AUTHORIZING THE EXECUTION OF A CONTRACT WITH KELLER NORTH AMERICA, INC. (FORMERLY HAYWARD BAKER, INC.) (ALPHARETTA, GA) TO EVALUATE, DESIGN AND REPAIR A SLOPE FAILURE LOCATED BETWEEN 8<sup>TH</sup> STREET AND LINDSAY DRIVE AT TERMINAL COURT. SLOPE MOVEMENT AND CONTINUAL EROSION ALONG THIS UNSTABLE SLOPE HAS REACHED A POINT THAT THE SUPPORT OF 8<sup>TH</sup> STREET IS BECOMING COMPROMISED. THE FIRM’S PROPOSAL IS WITHIN THE \$800,000.00 BUDGETED FOR THIS PROJECT.**

**WHEREAS**, an RFP was administered (RFP No. 20-0003) and two proposals were received; and,

**WHEREAS**, the proposal submitted by Keller North America, Inc. (formerly Hayward Baker, Inc.) met all requirements and was evaluated most responsive.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to execute a contract with Keller North America, Inc. (formerly Hayward Baker, Inc.) (Alpharetta, GA) to evaluate, design and repair a slope failure located between 8<sup>th</sup> Street and Lindsay Drive at Terminal Court. Slope movement and continual erosion along this unstable slope has reached a point that the support of 8th Street is becoming compromised. The firm’s proposal is within the \$800,000.00 budgeted for this project. Funds are budgeted in the FY20 Budget: Capital Projects - General Fund Supported Capital Project – Engineering/Architect Services – FEMA/GEMA – Lindsey Dec 2015 Storm Damage; 0508-660-1000-CPGF-6338-22946-20180.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2020 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

- Councilor Allen voting \_\_\_\_\_.
- Councilor Barnes voting \_\_\_\_\_.
- Councilor Crabb voting \_\_\_\_\_.
- Councilor Davis voting \_\_\_\_\_.
- Councilor Garrett voting \_\_\_\_\_.
- Councilor House voting \_\_\_\_\_.
- Councilor Huff voting \_\_\_\_\_.
- Councilor Thomas voting \_\_\_\_\_.
- Councilor Thompson voting \_\_\_\_\_.
- Councilor Woodson voting \_\_\_\_\_.

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Sandra T. Davis, Clerk of Council

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B.H. “Skip” Henderson III, Mayor