

PUBLIC WORKS & UTILITIES COMMITTEE

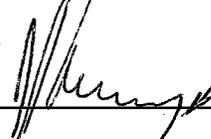
14-0203R

RESOLUTION AMENDING RESOLUTION 09-0502 AUTHORIZING A CONTRACT WITH SEH, INC. TO PROVIDE PROFESSIONAL ENGINEERING SERVICES FOR THE MUNGER TRAIL EXTENSION, TO INCREASE THE AMOUNT BY \$116,000 FOR A NEW TOTAL OF \$609,000.

CITY PROPOSAL:

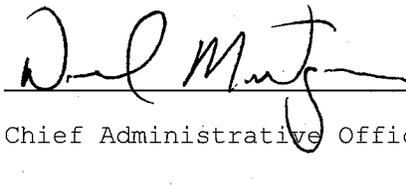
RESOLVED, that contract 21000 with SEH, Inc. for professional engineering services for the Munger Trail Extension from Lake Avenue to Pulaski Street be amended to increase the amount by \$116,000 for a new total of \$609,000, payable from Capital Improvement Fund 450, Department/Agency 030 (Finance), Object 5530 (Improvements Other than Buildings), city project no. 0568TR, capital project no. CP2009-0568TR, S.P. 118-090-014 and Minnesota Project no. HPPH H146(001).

Approved:



Department Director

Approved for presentation to council:

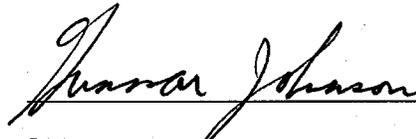


Chief Administrative Officer

Purchasing Agent



Approved as to form:



Attorney

Approved:



Auditor

ENG PFL:jh 4/18/2014

STATEMENT OF PURPOSE: This resolution will authorize an amendment to contract 21000 with SEH, Inc. for professional engineering services related to the Munger Trail Extension from Lake Avenue to Pulaski Street. Construction is scheduled

for 2014 - 2015. Engineering is funded by Federal High Priority Funds of \$487,200 (80%) and capital funds of \$121,800 (20%). The original contract included planning, feasibility study, alternative routes, selecting alignments and public involvement for the lower route of the entire corridor, as well as final design, specifications and permitting of Phase I (Lakewalk to 30th Avenue West) of the trail. This amendment will cover additional fees incurred to make lower route plan and specification submittal deadlines, as well as public involvement, alternate analysis, cost estimates, field reviews and a project memorandum for the proposed upper route of the Cross City Trail.



Building a Better World
for All of Us™

April 17, 2014

RE: Cross City Trail – Upper Route of Cross
City Trail
Duluth, Minnesota
SEH No. DULUT 109680

Mr. Patrick Loomis, PE
City of Duluth Engineering
411 West 1st Street
Duluth, MN 55802

Dear Mr. Loomis:

We are pleased to present this proposal to continue working with City of Duluth staff on the Cross City Trail. We understand you are looking for assistance with public involvement, alternative analysis, cost estimates and field reviews, and a project memorandum for the proposed upper route of the Cross City trail project. Once this work is complete, a separate proposal will be prepared for the topographic survey, final design, and plan preparation for the selected upper routes.

I have outlined below the remaining major work categories that need to be completed for the Cross City Trail.

1. Project Management and Memorandum Addendum **\$12,500**

This task includes overall project management and client updates along with preparation of one Project Memorandum for the upper route of the Cross City trail. The Project Memorandum cannot be submitted until a final route has been selected through the public involvement and alternative analysis phase.

2. Meetings and Public Involvement Assistance **\$15,000**

The City of Duluth Planning Department will lead a public process to gather input on several route options. SEH will assist the City with preparation and running of the public meetings. We've assumed the public involvement effort will include four public meetings during the months of May and June. We will also assist the City in meeting with land owners, MnDOT, and the City Council. Attendance at two project meetings per week with City staff is included as well. This is a budgetary estimate only, the number of meetings required to complete the analysis and public involvement is unknown.

3. Alternative Analysis **\$44,000**

As different routes are studied and presented to the public, we will perform analysis for each route. This includes preliminary layouts, identification of right-of-way impacts, field reviews, identification of major design issues (curb relocates, utility impacts, bridges, etc.), and cost estimates. This is a budgetary estimate as it's not known at this time how many route options the City will want studied or presented to the public.

4. Topographic Survey **\$10,000**

During the alternative analysis and cost estimating work, there will be a potential need for topographic survey to aid in route selection. The surveys would also help define any areas where a bridge or

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 418 West Superior Street, Suite 200, Duluth, MN 55802-1512

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retaining wall may be needed. This is a budgetary estimate as it's not known at this time how many route options the City will want studied.

5. Construction Administration Assistance (Phase 1) \$5,000

Phase 1 is now under construction and will be completed in the early summer of 2014. The City is completing the daily construction inspection and administration with support from SEH to complete shop drawing reviews and approvals, site meetings, and addressing design change requests throughout construction. This task continues SEH support of City staff during the construction of Phase 1. We have included 32 hours for a project manager as directed by City staff.

6. Phase 3 Final Design, Phase 2 Preliminary Design, Phase 1 Construction Administration Assistance \$29,500

As you are aware, SEH is under contract for \$493,000 to complete the planning and feasibility study for the original lower Cross City Trail corridor along with completing final design for the first section. All of this work has now been completed. In addition, we were able to start or complete significant other tasks within the original \$493,000 budget that were outside of our original contract. These tasks included:

- Purchasing aerial topography from AeroMetric.
- Performing structure surveys for the entire project, and supplemental survey in areas of alignment changes.
- Assisting with applications for DNR and Federal grant requests
- Preliminary and final design of Phase 3 lower route.
- Preliminary design of the Phase 2 lower route.
- Project Memorandum Addendums for the second and third segments of the lower route.
- Duluth Archeology Study for the project.
- Public, private, and staff meetings for all phases.
- Construction administration for the first segment of trail.

While finishing the final design, project memorandum, and meetings for Phase 3 lower route (to meet all federal deadlines), an additional \$29,500 was spent to complete these tasks above our original contract amount. The City is now looking at an upper route alternative alignments and all work has been stopped on the previous lower route alignments.

The total of the additional services requested is \$116,000. Tasks 1 – 5 are budgetary estimates and will be billed on an hourly basis. If the requested work exceeds this amount, we will notify the City and provide a supplemental proposal. Please review this proposal and contact me with any questions.

We look forward to continuing our work on the Cross City Trail.

Sincerely,

SHORT ELLIOTT HENDRICKSON INC.



Matt Bolf, PE
Project Manager
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