

PUBLIC WORKS & UTILITIES COMMITTEE

14-0184R

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 \$213,000 FOR A NEW TOTAL OF \$706,000.

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 \$213,000 for a new total of \$706,000, 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:

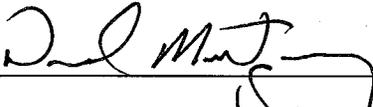


Department Director

Purchasing Agent

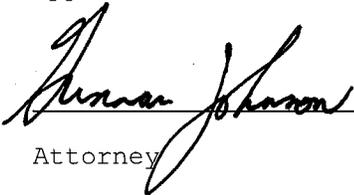


Approved for presentation to council:



Chief Administrative Officer

Approved as to form:



Attorney

Approved:



Auditor

ENG PFL:jh 4/7/2013

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 \$564,800 (80%) and capital funds of \$141,200 (20%). The original contract included planning, feasibility study, alternative routes, selecting alignments and public involvement for the entire corridor, as well as final design, specifications and permitting of Phase I of the trail. Additional services completed under the original contract are the final design of Phase III of the trail. This addendum will cover final design through construction for the final two phases of the trail.



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for All of Us™

April 3, 2014

RE: Cross City Trail – Work Remaining
Duluth, Minnesota
SEH No. DULUT 109680

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

Dear Mr. Loomis:

As you are aware, SEH is under contract for \$493,000 to complete the planning and feasibility study for the entire Cross City Trail corridor along with completing final design for the first section. At the kickoff meeting in August of 2009, we split our proposed work into three (3) phases. This included the planning and feasibility study for the entire corridor (Phase 1), alternative analysis, alignment selection, and public involvement for the entire corridor (Phase 2), and final design, specification, and permitting of the first section of trail (Phase 3). All of this work has now been completed. In addition, we were able to 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 entire project and supplemental survey in areas of alignment changes
- Assisting with applications for DNR and Federal Grant requests
- Preliminary and final design of the second segment of the trail
- Preliminary design of the third phase of the trail
- Project Memorandum Addendums for the second and third segment of trail
- Duluth Archeology Study for the project
- Public, private, and staff meetings for all phases
- Construction administration for the first segment of trail

The original budget of \$493,000 is now expended. The City has requested a proposal to complete the rest of the work of design through construction for all sections of the project. I have outlined below the remaining major work categories that need to be completed for the Cross City Trail.

1. Project Memorandum Addendum, Specifications and Bidding Assistance (Phase 3 - Recycle Way to 59th) \$8,010

The preliminary and final design along with plan production is complete for Phase 3 of the trail. The remaining work includes updating the Project Memorandum, creating the bidding specifications, and bidding the project. The project memorandum addendum is required for the Federal Funds for this project. We will work with the City to complete the technical specifications and special provisions to meet the federal aid standards. This also includes the Central Avenue updates of curb, gutter, and pedestrian ramps as recently approved by MnDOT.

Engineers | Architects | Planners | Scientists

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

SEH is an equal opportunity employer | www.sehinc.com | 218.279.3000 | 888.722.0547 | 888.908.8166 fax

2. Right-of-Way Acquisition Assistance (Phase 2 - Carlton Street to Pulaski Street) \$10,000

There is still right-of-way to be acquired for Phases 2 and 4 of the trail segments. This includes an easement from the CN Railroad for Phase 2 near the existing ore docks. This also includes an easement from the BNSF Railroad and Lake Superior Mississippi Railroad (LSMR) for Phase 4 of the trail. This budget includes time for ProSource Technologies to assist with negotiations, appraisals, and drafting of offer letters.

3. Final Design, Specifications, and Bidding Assistance (Phase 2 - Carlton Street to Recycle Way) \$38,075

The alignment selection and preliminary design has been completed for this is segment of trail (Phase2). The final design, plan production, specifications and bidding are left to be completed. The Project Memorandum update needed for this phase will be included in the Project Memorandum Addendum for Phase 3 of the trail. This task also includes the storm sewer improvement to the concrete channels including wiers and armoring.

4. Preliminary and Final Design, Specifications, and Wetland Delineations (Phase 4 - 59th to Pulaski Street) \$116,957

This segment of trail (Phase 4) was studied as part of our original work. The alignment selection has been completed based on acquiring easements from the BNSF and LSMR Railroad. The preliminary and final design for this segment still needs to be completed. It is also likely there will be wetland impacts near the LSMR building. This task includes time to complete wetland delineations along with permitting of impacted wetlands. This also includes time for two (2) geotechnical borings and a report to be created along with design of a retaining wall in the LSMR property.

5. Public Involvement, Landowner Meetings, and Staff Meetings (All Phases) \$22,358

Throughout this project, the City has requested attendance at many meetings including City staff, business groups, landowners, and the public. It is not known how many meetings will be required to complete the design and right of way acquisition for Phases 2 and 4 of the trail. This budget includes 80 hours for the project manager to be used and billed as directed by City staff.

6. Construction Administration Assistance (All Phases) \$17,500

Phase 1 is now under construction, with Phases 2 and 3 to start construction in 2014 and Phase 4 to start construction in 2015. The City is completing the daily construction inspection and administration with support from SEH to complete shop drawing reviews and approvals, preconstruction meeting attendance, site meetings, and addressing design change requests throughout construction. This task continues SEH support of City staff during the construction of all phases. This includes 70 hours each for the project manager and technician to be used and billed as directed by City staff.

The total of the additional services requested is \$212,900. If there are any items listed above that City staff could complete, our fee will be reduced to reflect that. Please review this proposal and contact me with any questions.

Sincerely,

SHORT ELLIOTT HENDRICKSON INC.



Matt Bolf, PE
Project Manager