

AMENDMENT NO. 1 TO L 30102

Contract Start Date:	7/24/2019	Original Total Amount:	\$49,750.00
Original Completion Date:	6/30/2019	As Previously Amended:	\$49,750.00
Amendment Completion Date:	12/31/2019	Current Amendment:	\$14,000.00
Resolution:	19-0537R	New Total Contract Amount:	\$63,750.00

This amendment, effective as of the date of attestation by the City Clerk (the "Effective Date"), by and between the City of Duluth, hereinafter referred to as "City", and AMI Consulting Engineers located at 91 Main Street, Superior, WI 54880, hereinafter referred to as "Consultant", for the purpose of rendering services to the City.

WHEREAS, on July 24, 2019, City and Consultant entered into an agreement bearing City of Duluth Contract No. L30102 for engineering services for temporary relocation of William A. Irvin, which Contract has not been previously amended is are hereinafter referred to as the "Contract"; and

WHEREAS, both parties desire to amend the Contract.

NOW THEREFORE, in consideration of the mutual covenants and conditions hereinafter set forth, the parties hereto hereby agree as follows:

In this Amendment changes in the language of the Contract which delete language will be shown as stricken and language added to the contract language will be underlined.

Revision 1. Wherever in the agreement, reference is made to the maximum amount of compensation or total not to exceed, the language shall be changed as follows: ~~forty-nine thousand, seven hundred fifty and 00/100 (\$49,750.00)~~ sixty-three thousand, seven hundred fifty and 00/100 dollars (\$63,750.00).

Revision 2. The expiration date of the contracted is extended from June 30, 2019 to December 31, 2019.

Revision 3. The Special Provisions described in Section VI of the Contract is hereby amended as follows:

The following exhibits are attached and made part of this agreement:

- 1) Exhibit A, Engineer's Hourly Rates effective January 1, 2019 and effective May 22, 2019
- 2) Exhibit B, Engineer's Proposal dated June 25, 2018 and Change Order Request dated August 1, 2019

In all other respects the contract, together with all of its terms, covenants and conditions, is hereby confirmed in its entirety.

[Remainder of page intentionally left blank. Signature page to follow.]

IN WITNESS WHEREOF, the parties have hereunto set their hands as of the date of attestation shown below:

CITY OF DULUTH

By:

Mayor

Attest:

City Clerk

Date Attested: _____

Countersigned:

City Auditor

Date

Approved as to form:

City Attorney

Date

By: **AMI CONSULTING ENGINEERS**

Company Representative

Its:

Title of Representative

Date: _____



Consulting Engineers P.A.

August 1, 2019

Mr. Erik Birkeland
City of Duluth
1532 West Michigan Street
Duluth, MN 55806

Re: Relocation of Vessel William A. Irvin - Change Order Request
AMI Project # 181078

Mr. Birkeland,

AMI Consulting Engineers, PA (AMI) currently has a Contract with the City of Duluth to provide plans, specifications and project management services during the movement of the William A. Irvin (Irvin) to and from Mn Slip near the Duluth Entertainment Convention Center (DECC) in Duluth, MN. The vessel was removed from Mn Slip in late September of 2018 and is currently located at Fraser Shipyards facility in Superior, WI.

Since the start of the project, AMI has completed several items, at the request of the City, which were outside of the original scope of work. The items which were not part of AMI's original scope of work include the following:

- Re-Bidding Project:
 - The City of Duluth only received one bid for the relocation of the Irvin during the initial solicitation. The received bid exceeded the City's budget so AMI performed additional engineering and altered the project plans and specifications in an attempt to decrease the overall project costs. An additional pre-bid meeting, including meeting preparation, and bid evaluation was also included as part of this additional item.
- Tow Plan Preparation:
 - During the Contract negotiations, the selected Contractor stipulated in their bid price that AMI would assist with the development of the tow plan and the associated paperwork. AMI worked with the Contractor to develop a tow plan that was reviewed and accepted by the United States Coast Guard (USCG) and London Offshore Consultants, Inc. (LOC) which represented the City of Duluth's insurance company.
- Coordination & Design of Mn Slip Bridge Support:
 - The superstructure of the Mn Slip Bridge overhangs the steel sheet pile abutment on the east side. To minimize the risk of damage to the slip bridge, the east side was partially disassembled so the superstructure could be pulled back behind the face of the abutment. AMI coordinated this effort with Lakehead Constructors and also provided engineering support & designs to properly secure the superstructure in position.

- Dive Inspection & Marking Pile Obstructions
 - During the construction of the adjacent seawall, several timber piles were noted in the direct path of the Irvin. AMI performed commercial diving operations inside & outside of Mn Slip to locate and mark the abandoned timber piles. An additional steel pile located on the outside of the Mn Slip was also located and marked since it could have been an obstruction for the Irvin and any nearby tugboats.
- Assistance with Grant Application
 - The DECC, which owns and operates the Irvin, applied for a state grant to have some restoration work completed on the vessel while it was out of Mn Slip. The City instructed AMI to assist the DECC with the grant application. AMI attended meetings, provided structural drawings and scope of work statements to the grant writing for the application.

Due to the additional described above, AMI has exceeded their budget for this project. The William A. Irvin is currently located at Fraser Shipyards in Superior, WI so the vessel still needs to be brought back to Mn Slip before the project is completed. As a result AMI is also requesting additional funds to complete the remaining project management. AMI is requesting a change order of Fourteen Thousand Dollars (\$14,000.00) to increase its current contract of \$49,750.00 to \$63,750.00. The change order amount was based on the following breakdown:

- Items Already Completed:
 - Re-Bidding Project = \$3,600.00
 - Tow Plan Preparation = \$1,060.00
 - Coordination & Design of Mn Slip Bridge Support = \$1,200.00
 - Dive Inspection & Marking Pile Obstructions = \$620.00
 - Assistance with Grant Application = \$1,320.00
- Items Yet to Be Completed:
 - Remaining Project Management = \$6,200.00

The following assumptions were used in generating the additional funds for the remaining project management:

- A maximum of (4) meetings held between all interested parties.
- The preparation of the vessel will take approximately (1) week.
- All site survey work will be the responsibility of the Contractor.

If you have any questions or comments, please contact me at (715) 718-2193 Ext 17. We look forward to continuing to work with the City of Duluth on this project.

Respectfully Submitted,



Chase Dewhirst, PE
Marine Civil Engineering Manager

Attachments:
AMI 2019 Fee Schedule



Consulting Engineers P.A.

FEE SCHEDULE - CONFIDENTIAL

Effective Date: May 22, 2019

The compensation of **AMI Consulting Engineers, PA** for professional services is based upon hourly rates as indicated below.

STAFF CLASSIFICATION	HOURLY RATE
Principal Engineer	210
Engineer III	140-185
Engineer II	115-140
Engineer I	95-115
Coastal Engineer III	160
Coastal Engineer II	140
Coastal Engineer I	120
Marine Coatings/Corrosion Specialist	135
Staff Professional III	90-115
Staff Professional II	80-90
Staff Professional I	70-80
Technician III	95-115
Technician II	75-95
Technician I	55-75
Registered Land Surveyor	140-180
1 Man Survey Crew	150
2 Man Survey Crew	200
Marine Surveyor	125
3 Man Dive Team	380
4 Man Dive Team	450
EQUIPMENT	RATE
22' Hewescraft Boat	325/day
Hydrographic Survey Boat	250/day
17.5' Waterman Boat, 20' Barge	150/day
Bathymetric Survey Package	325/day
Sidescan Survey Package	250/day

·Engineer classifications includes department managers, project managers, licensed engineers, engineers in training, graduate engineers.

·Staff Professional classification includes geologist, scientist, water resource professional, soil scientist and environmental consulting professionals and & permitting specialists.

·Technician classification includes CADD and GIS operators, certified bridge inspectors, interns and clerical staff.

·Overtime for personnel will be charged at 125% the above rates and Sundays and Holidays will be charged at 150% the above rates. Expenses connected with the work such as travel, vehicle rental, subsistence, lodging, etc., will be charged at cost. Outside consultants and materials will be charged at cost plus ten percent. Travel to locations outside the Duluth / Superior city limits will be charged at \$0.75 per mile for standard travel and \$1.25 per mile when towing. A minimum rate of ½ day will be charged for all equipment rentals.