City of Duluth

411 West First Street
Duluth, Minnesota 55802

Legislation Details (With Text)

File #:	20-0173R	**Name:**	
Type:	Resolution	**Status:**	Passed
File created:	2/14/2020	**In control:**	Public Works and Utilities
On agenda:	2/24/2020	**Final action:**	2/24/2020
Title:	RESOLUTION AUTHORIZING AN AMENDMENT TO AGREEMENT L30298 WITH HGA, INC., FOR PROFESSIONAL ENGINEERING SERVICES TO CONVERT THE DULUTH ENERGY SYSTEMS BALANCE OF PLANT FROM A STEAM TO HOT WATER DISTRICT ENERGY SYSTEM FOR AN ADDITIONAL AMOUNT NOT TO EXCEED $122,045 AND A NEW TOTAL CONTRACT NOT TO EXCEED $219,545.		
Sponsors:			
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Attachments:	1. Exhibit A		

Date	Ver.	Action By	Action	Result
2/24/2020	1	City Council	adopted	

RESOLUTION AUTHORIZING AN AMENDMENT TO AGREEMENT L30298 WITH HGA, INC., FOR PROFESSIONAL ENGINEERING SERVICES TO CONVERT THE DULUTH ENERGY SYSTEMS BALANCE OF PLANT FROM A STEAM TO HOT WATER DISTRICT ENERGY SYSTEM FOR AN ADDITIONAL AMOUNT NOT TO EXCEED $122,045 AND A NEW TOTAL CONTRACT NOT TO EXCEED $219,545.

CITY PROPOSAL:

RESOLVED, that the proper city officials are authorized to execute an amendment, substantially in the form attached as Exhibit A, to agreement L30298 with HGA, Inc. for additional professional engineering services related to the steam to hot water conversion of the Duluth Energy Systems (DES) balance of plant for a an additional amount not to exceed $122,045 and a new total contract not to exceed $219,545, payable from fund 540-920-1499-5530 (Steam; Steam Department; Steam Non-Operating; Improvements Other than Buildings).

STATEMENT OF PURPOSE: This resolution authorizes an agreement with HGA, Inc. for additional engineering and design services for an amount not to exceed $122,045. HGA will provide an engineered Balance of Plant package which, when connected to the Steam Converter System (SCS), results in the completed component of the Hot Water Distribution System local to the Plant. With the exception of the SCS, the design scope will cover the entirety of the Hot Water Distribution System that occurs within the DES property line; mechanical, structural, electrical and limited controls.

HGA completed its initial assessment of the DES power infrastructure. Based on the results, additional electrical engineering services will be required to ready the plant for the large additional electrical load imposed by the SCS's hot water distribution pumps.

This is one of the final components of the steam to hot water conversion project; which will result in a more efficient and functionally sustainable district energy system.

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