SECTION 01100

SUMMARY

PART 1 GENERAL

1.01 PROJECT

A. Project Name: District Chilled Water Utility Extension into Gerald W. Heaney Federal Building .

B. Name: Duluth Steam Cooperative District #1.

C. Engineer's Name: Andrew Engineering Ltd..

D. The Project consists of the construction of an extension of the District Chilled Water Piping into the building including control valves, heat exchangers and ancillary piping and equipment required to convert the building substaintally to district cooling systems.

1.02 CONTRACT DESCRIPTION

A. Contract Type: A single prime contract based on a Stipulated Price as described in attached documents.

1.03 WORK BY OWNER

A. Goverment Services Adminestration will award a contract for supply of building side chilled water piping, expansion tanks and pumps along with demolition of the existing chiller and cooling tower which will occur in the same time frame as this project. Thius contractor will be required to cooperate with the Owners contractor in all aspects of construction.

B. Owner intends to furnish the following Equipment and service for installation by the contractor:
   1. Flow Meter as described 15129.2.
   2. Heat exchangers as described in 15710

1.04 OWNER OCCUPANCY

A. Building Owner and Duluth Steam intends to continue to occupy adjacent portions of the existing building during the entire construction period.

B. Duluth Steam intends to occupy the Project upon Substantial Completion.

C. Cooperate with Building Owner and Duluth Steam to minimize conflict and to facilitate Building and Duluth Steam's operations.

D. Schedule the Work to accommodate Building Owners and Duluth Steam occupancy.

1.05 CONTRACTOR USE OF SITE AND PREMISES

A. Construction Operations: Limited to the areas required and mutually agreed on for construction.

B. Provide access to and from site as required by law and by Duluth Steam:
   1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
   2. Do not obstruct roadways, sidewalks, or other public ways without permit and permission of the Building Owner.
   3. Follow the security requirements as outlined by the GSA for this building.

1.06 GENERAL CONSTRUCTION, MECHANICAL CONSTRUCTION AND MINOR ELECTRICAL CONSTRUCTION

A. Division 1 - General Requirements:
   1. Provide all work outlined in the construction documents to provide a complete operational chilled water system up to and including the installation of a plate and frame heat

exchanger. This work is limited to the utility side of the heat exchanger with the exception of the following:

a. Installation of a side stream filter from isolation valves on the building chilled water system. Electrical work for the side stream filter will be provide by the GSA under a seperate contract.

2. Section - Execution Requirements: Basic project engineering and layout.
3. Section 01700 - Execution Requirements: Final cleaning.

B. Provide all Work except Work specifically assigned to other contractors in this Section.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION