

Emergency Extension Justification

Project Number: 250-025-029

Project Description/Location: Emergency Pump Repair and Replacement - Level 1

Project Manager: Mohammed Haq

Vendor(s): A/E: Henneman Engineering, Inc (HEI) - CONTRACTOR: Ideal Heating Company (IHC)

Emergency Posted Date: 3/7/2016

Brief Description:

Due to the multiple refrigerant pumps failure at the James R Thompson Center the building will not be cooled during the impending summer months, causing disruption in critical State activities. The project will replace failing refrigerant pumps that are required to cool the James R Thompson Center. These pumps move the cold refrigerant around the building to the air handling units. These air handling unit provide the cooling for the entire building.

The project involves, reclaiming the refrigerant that is removed from the pipes to allow for construction, disconnecting the electrical connections to the pumps, removing pumps, modifying pump supports as required to accommodate new pumps, and installing new pumps with variable frequency drives.

Current Status:

- Notice of award to HEI issued on 3/7/16, PSA is currently being executed.
- Notice of award issued to IHC on 3/28/16, contract is currently being drafted.
- Major equipment (pumps and VFDs) have been ordered but have not shipped.
- The engineers' "Issue for Construction" set will be issues to the contractor May 3rd.
- Construction is scheduled to begin on May 9th.
- The first two pumps expected to arrive on May 9th.
- The last pump is scheduled to be installed and operational on July 18th.
- Substantial Completion is scheduled to be July 18th.
- 100% construction is scheduled by July 25th.
- Commissioning will take place July 19th to July 29th.
- Project closeout is expected on August 25th, with contract end date on August 31.

Justification for Need of Extension:

Per the milestones on the schedule submitted by IHC, the project is expected to complete by August 31. Therefore the extension is required to accommodate the delivery schedule of the pumps, and the phased installation required to keep the cooling system serving the occupied building operational.