

City Council Project Summary  
August 30, 2021

**Vendor/Contractor Name:** Burns & McDonnell Engineering Company, Inc.

**Contract Term/Duration:** Notice to Proceed (NTP) plus 730 days

**Contract Value:** \$24,417,933.00

**Project Summary:**

This is a design/build project and pricing shall be based on performing engineering and construction services to demolish and construct the replacement of equipment containing refrigerants phased out by the Environmental Protection Agency. Under previous projects, Equipment using R-22 as a refrigerant were replaced in the Central Utility Plant (CUP), Airport Office Building (AOB) and Concourse A (CCA). This project is for the replacement of units containing R-22 in the Main Terminal (TML), Concourse B (CCB), Concourse C (CCC), all Airside Buildings (i.e., Antenna Farm, De-ice, ARFF, OPS Office, Lighting Vaults, Snow Trailer, etc.), Pena and Air Cargo areas and the South Campus.

Design services shall include but are not limited to developing contract documents to demolish and replace water cooled computer room air-conditioning units, split system computer room air-conditioning units, split-system fan coil-units, and packaged rooftop units. Refrigerant piping will need to be replaced for the split system units, chilled water piping coil connections to the water-cooled units, and gas piping (where used) for the rooftop units including accessories. The temperature controls along with integration into the Buildings' Energy Management and Controls System (EMCS) for the replacement equipment will need to be evaluated and replaced where old and no longer compatible systems exist, electrical equipment (MCC, panelboards, circuit breakers, wiring, life safety systems, etc.), will need to be replaced as necessary for the upgrades in unit electrical characteristics. Exterior, existing concrete slabs on grade for any replaced units will need to be evaluated for necessary replacement with a structural concrete slab with foundation system. A survey of the exact quantity and types of units will need to be included as part of the project; there are approximately 300 units to be replaced. These documents shall be developed to meet the latest codes and standards at the time of project execution as required by Denver Development Services and DEN Design Standards and to allow permitting and construction of the project. The proposal shall include all management, supervision, engineering, labor, materials, tools, equipment, services, testing, direct and indirect overhead, profit/fee, contingency, and incidentals to complete this scope of work. It will also comprise of any and all temporary construction to facilitate this work which includes but is not limited to temporary equipment or systems.

The Designer is identified in the Contract Documents and is an employee of the Contractor or is retained by the Contractor as an independent consultant under a professional services agreement with the Contractor.

**MWBE Goal:** 25%

**MWBE Firms:**

Reliant Energy Systems, Inc. | Mechanical Construction  
Construction Supply Services | Mechanical Materials  
LEI | Project Controls  
American Industrial & Electrical Supply | Electrical Materials  
North/Western Electric | Electrical Construction  
Latcon | Concrete, Thermal Protection & Finishes  
SynEnergy | MEP Design & Engineering  
SAN Engineering | Structural Design & Engineering  
PK Electrical | Electrical Design & Engineering  
Group 14 | Commissioning