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ENGINEERING SUPPORT AND OVERSIGHT PROPOSAL FOR DATA CENTER PROJECTS
AT THE CITY OF COLUMBUS FACILITIES, TechSite Job 3447 June 15, 2020

The City of Columbus Department of Technology (DoT) is ongoing support services for their data center facilities. The services in the scope of work below includes new engineering support work in addition to specific engineering tasks that were approved in previous purchase orders 192000 and 150895. Due to delays related to construction bid process and then COVID-19, these purchase orders expired before the work they were to cover could be completed.

SCOPE OF WORK:

1. Perform the work remaining for Data Center West Engineering project, PO 150895, which includes:
    a. Site evaluation of single corded equipment; Scopes of work and Methods of Procedure (MoPs) to support mitigation of single corded load situation at Data Center West
    b. Arc Flash Analysis, breaker coordination and short circuit calculations for Data Center West (work can resume after installation of new equipment, estimated date August 2020.
2. Performance of the engineering work from 4/10/20 through 6/11/20 for Data Center East engineering; the installation of power whips at Data Center East (from PO 192000).
3. Create the Data Center East Arc Flash Analysis, breaker coordination and short circuit calculations (cannot be completed until after majority of construction on Data Center East upgrades).
4. Perform the remaining engineering tasks to create bid documentation for the Data Center East upgrade project.
5. Perform the remaining construction support for the Data Center West construction project (PO 192000).
6. Includes 96 hours of support for Data Center Oversight, to cover engineering tasks remaining on either Data Center West of Data Center East projects. Significant goal will be to identify and assist the City DoT to support single corded loads at DC West and East.

Engineering Support and Oversight for Data Center Projects
Seventy-Eight Thousand, Nine Hundred Fifty-Five Dollars $78,955

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