DEPARTMENT OF PUBLIC UTILITIES
FISCAL – CAPITAL IMPROVEMENTS SECTION
REQUEST FOR CIP LEGISLATION FORM

DATE SUBMITTED TO FISCAL: __6/3/13_____ **PROJECT ENGINEER:** Paul Roseberry, P.E.

PROJECT NAME: Williams Rd./Castle Rd. Sanitary Pump Station Control Valve Upgrade **CIP #:** 650751-100000
$: 411,770.88

VENDOR NAME: Varo

TYPE: Engineering Agreement: __X____ Engineering Agreement Modification: _____
Construction Contract: _____ Construction Contract Modification: _____
Guaranteed Maximum Cost Agreement: _____ Reimbursement: _____
Waive Competitive Bidding Provisions:*_____ Other: _____

DESIGNATION: Emergency_____ 30-Day__**X**__

JUSTIFICATION FOR EMERGENCY DESIGNATION:

OTHER DIVISION/AGENCIES PARTICIPATING:
(Provide project name, amount and contact information)
NA

BACKGROUND
NEED:
The City desires to replace the existing sanitary pump discharge control valves because the manufacture has discontinued all field support of the currently installed system. Newer technology installed at the City sewerage treatment plants has made the current system obsolete and the new systems are more reliable and easier to maintain and trouble shoot. The consultant shall prepare a report for the City containing cost estimates to replace these valves. Upon successful review of the report, the consultant will then prepare construction documents and plans to replace the discharge control valves at this station.

An 'Arc Flash Hazard Analysis Study' was performed by Lewellyn Technology of all City pump stations and it was found that this station has many arc flash hazards that may be corrected/reduced by installation of a faster acting fuse or other device(s) to reduce the arc flash hazard. The City wishes to reduce all 'Dangerous!' categories for this station to a category 2 rating and investigate the merits of reducing category 3 and 4 ratings to a category 2 rating level. The consultant shall confirm the results from this previous study and prepare a report for the City containing cost estimates to mitigate these rating categories. Upon successful review of the report, the consultant will then prepare construction documents and plans to reduce the 'as authorized' arc flash hazards at this station. At the conclusion of the construction improvements, the consultant shall provide an updated 'Arc Flash Hazard Analysis' for this station.

Currently the existing SCADA system at this station provides only monitored results from key flow levels and operational parameters back to the Sewer Maintenance Operations Center. The City desires to update the existing SCADA system to provide real time control of all operational functions via the SCADA system to the Sewer Maintenance Operations Center. Coordinate with City staff and the City's Instrumentation and Controls Consultant to investigate and recommend alternatives where installation of flow meters, advanced electronic measurement devices, or sensors would enhance system knowledge thru the existing SCADA system. The consultant shall prepare a report for the City containing cost estimates to update the SCADA system. Upon successful review of the report, the consultant will then prepare construction documents and plans to upgrade the existing SCADA system at this station.

BID INFORMATION:

RFSQ & RFP INFORMATION (Engineering Only):
1) What companies sent in an RFSQ and when were they received? Three consultants submitted an RFP February 22, 2013
2) When were the RFP's received? February 22, 2013
3) State the scoring criteria and how the recommended bidder was determined?

The selection of the firm providing the professional engineering services has been performed in accordance with the procedures set forth in Columbus City Code, Section 329.11, "Awarding professional service contracts through requests for statements of qualifications." A notice of Requests for Proposal appeared on the Vendor Services Website. Proposals were submitted by the due date of February 22, 2013. Three consultants submitted Proposals.

Upon review of the Technical Proposals, the offerors have been ranked using criteria specified in City Code, and other criteria, specifically: competence of the offeror to perform the service, past performance of the offeror, cost evaluation, the feasibility/quality of the proposed project approach, location of the office performing work, familiarity with project requirements, ability to perform expeditiously, and contracted backlog of work with the Division.

NOTES & OTHER INFORMATION:

In addition to submitting this form, attach the following:

Construction Contracts

- ☐ Electronic Director's Information Sheet
- ☐ Electronic Map (if not Citywide or Plant Project)
- ☐ 5 blank books (6 if joint project with another City agency)
- ☐ Electronic Bid Tabulation (if not prepared by Fiscal)
- ☐ Electronic Quality Factor Form (if not prepared by Fiscal)
- ☐ Electronic Bid Waiver (if applicable)*

Engineering Agreements

- ☐ Electronic Director's Information Sheet
- ☐ Electronic Map
- ☐ Electronic Engineering Agreement (Including **APPENDICES** for Time Schedule, Labor Hours, Cost Summary, Maximum Rates and Design/Maps)
- ☐ Electronic Bid Waiver (if applicable)*

Revised 04/06/10