



MBE/WBE/DBE Contract Goals Request

Date August 20, 2021
 To: Andrea Dorch, Human Relations Department
 From: Ben McCabe, P.E., Water Services Department

| | | |
|---------------------------|--|---------------------------|
| Project Number | Project Name | |
| 81000977 | Smart Sewer Digital Strategy and Data Analytics | |
| Contract ID Number | Estimated Cost: (cost breakdown attached) | Solicitation Date: |
| 1627 | \$700,000.00 | 9/10/2021 |

Estimated Project Duration:


Note: Click the box to select

| | | | |
|---|---|--|---|
| <input checked="" type="checkbox"/> FICB PREVAILING WAGE: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | |
| Contract Category: | <input type="checkbox"/> Construction | <input type="checkbox"/> Design-Build | <input type="checkbox"/> Non-Municipal Agency |
| | <input checked="" type="checkbox"/> Design Professional | <input type="checkbox"/> Other Goods & Services | <input type="checkbox"/> Lease |
| | <input type="checkbox"/> Professional Services | <input type="checkbox"/> Facilities Maintenance/Repair | <input type="checkbox"/> Tenant (MBE/WBE) |
| | <input type="checkbox"/> Other (Enter Type): | | <input type="checkbox"/> Concession |
| Type: | <input checked="" type="checkbox"/> Original | <input type="checkbox"/> Amendment No. | |
| Funding: | <input checked="" type="checkbox"/> City(MBE/WBE) | <input type="checkbox"/> Federal (DBE) | <input type="checkbox"/> State (DBE) |
| | <input type="checkbox"/> Other: | <input type="checkbox"/> Grant# | |
| Construction Workforce Goals: Are the estimated construction labor hours greater than 800 and the estimated cost greater than \$300,000? If yes, complete "Required Crafts" Worksheet and include total number of hours in Description of Work. | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <input checked="" type="checkbox"/> Estimated Cost Breakdown attached - Page 2 | | <input type="checkbox"/> List of Required Crafts attached - Page 3 | |

Description of work:

The Smart Sewer Digital Strategy and Data Analytics project is a unique design professional contract to support Smart Sewer's mission which requires design professionals with specialized experience and knowledge in developing, implementing and evolving digital utility management practices. The purpose of the project is to evolve digital wastewater system management, develop an optimized capital improvement program, evolve in-time system maintenance, and support real time flow control operations. This is a companion project to the Smart Sensor Network Maintenance and Field Services with previously established HRD goals (15% MBE and 15%WBE). With this Smart Sewer Digital Strategy and Data Analytics project, KC Water is seeking industry specialists to establish short and long term strategies and decision making platforms with consideration to a wide range of digital utility management elements such as: digital twins of sewer systems, internet of things (IOT), layered/connected data integration systems; big data/deep machine learning; artificial intelligence; and expansion/enhancements to the existing smart sewer sensor network. The selected design professional requires proven experience in evolving digital transformation to support data driven Smart Sewer program implementation. Given the specialized services required, 8% MBE and 8% WBE are requested to be targeted for this Smart Sewer Digital Strategy and Data Analytics contract. Currently there are no MBE/WBE firms with the required unique skills. This project would be an opportunity to initiate mentorship to interested local MBE/WBE firms for building capacity over time. Combining with the companion Smart Sensor Network Maintenance and Field Services contract previously approved at 15% MBE and 15% WBE, this project provides significant opportunities to build new skills within the local MBE/WBE firms over time.

cc: _____

| | | | |
|---|---|-----|----------------|
| FOR HUMAN RELATIONS DEPARTMENT USE ONLY: | | | |
| <input type="checkbox"/> No Goals are set for this Project; OR <input checked="" type="checkbox"/> The following Goals are approved for this Project | | | |
| | 8 | % | 8 |
| | % | MBE | % |
| | OR | | % |
| | DocuSigned by: | | % |
| Human Relations Department |  | | Date: 9/3/2021 |
| 33C4DA9120C4F0... | | | |

| | | | |
|--|-----------------------------------|--------------------------------------|---|
| FOR FAIRNESS IN CONSTRUCTION BOARD USE ONLY² | | | |
| | <input type="checkbox"/> Approved | <input type="checkbox"/> Disapproved | <input checked="" type="checkbox"/> N/A |
| Date _____ | | | |

| | | | |
|--|-----------------------------------|--------------------------------------|------------------------------|
| FOR GRANT AGENCY USE ONLY³ | <input type="checkbox"/> Approved | <input type="checkbox"/> Disapproved | <input type="checkbox"/> N/A |
| _____ | _____ | | |
| | Date | | |

¹ DBE Programs apply to specific federal or state grant requirements.

² For Projects subject to prevailing wage requirements only.

³ Federal and state grant agreements may require granting agency approval of contract goals.