

360water, Inc.
DPU, DOSD Facilities and Safety Training Management & Documentation Services
Contract Modification

The names of all companies bidding, or submitting an RFP or RFSQ
360water, Inc.

The location by City and State of all companies bidding, or submitting an RFP or RFSQ
360water, Inc., Columbus Ohio

The status, Majority, MBE or FBE, of all companies bidding, or submitting an RFP or RFSQ
360water, Inc., FBE

A full description of all work to be performed including a full description of work to be performed during any known phasing of the contract.

This professional services contract will provide mandatory safety training for DPU employees and facilities training and documentation services during construction for select projects at the Southerly Wastewater Treatment Plant and Jackson Pike Wastewater Treatment Plant.

Original Contract scope of work:

The work of this contract includes four steps; 1) Guide Specification Review, 2) Project Specification Review, 3) Services During Construction, and 4) Training Implementation.

1) The Guide Specification Review work provides a review of the existing guide specifications used by DOSD for Capital Improvement Projects and Plant Improvement Projects and, coordination with DPU staff to modify the existing guide specifications as it relates to training goals and objectives, relationships, responsibilities, and measurement.

2) The Project Specification Review work provides a review of CIP and operating fund project specifications during the 60% detailed design phase and provides specific project language and requirements for that project's equipment and systems and, which equipment should require an on-line training component.

3) The Services During Construction to be performed under this contract include the evaluation and management of the DOSD training program for assigned CIP and operating fund projects. This includes training review and approval of training lesson plans, qualifications of the trainer provided by the equipment manufacturer or systems designer, training aids proposed, training schedule and training delivery and evaluation, development of a web-based Online training program, document DPU staff training progress.

4) Training Implementation work includes an annual work plan schedule with associated costs, courseware development for existing and new equipment and wastewater processes, training management, training documentation, safety training, SOP review and verification, maintenance tool training, and orientation and safety training. All work will include any necessary administration including scheduling and review of face-to-face training and administration of courseware approval by the OEPA.

Mod 1:

1. In Schedule 1 – Scope of Services, of the original contract, the following sections are deleted from the S65 and S67 scope of work:

A. Section 3 in its entirety; Section 4.2.1 in its entirety; and Section 4.2.2 in its entirety.

Step 3 - Services During Construction:

3. Step 4 – Proposed Work Plan and Schedule 3A Budget:

4.2.1 Courseware:

Southerly Wastewater Treatment Plant:

- Southerly Headworks, S65:
 1. Climber Bar Rack Screens
 2. Hydraulic Power Pack
 3. Screenings Conveyor
 4. Samplers
 5. Raw Sewage Pumps
- Southerly Headworks, S67:
 6. Fine Bar Screens
 7. Screenings Press
 8. Screenings Conveyors
 9. Grit Trap Cyclones

- 10. Grit Classifiers
- 11. Grit Pumps

Jackson Pike Wastewater Treatment Plant:

- JPWWTP Thickening Centrifuges, J206:
 - 12. Thickening Centrifuges
 - 13. Centrifuge Feed Pumps
 - 14. Polymer System
 - 15. Thickened Waste Activated Sludge Pumps
 - 16. Centrate Pumps

4.2.2 Training Management:

Modification #2 scope of work is as follows:

A. Section 4.2.3.

4.2.3. Training Documentation:

The consultant shall document the staff's completed training and issue a monthly report to the DPU Training Manager. The consultant shall maintain the database and enter the training completed by the DOSD staff.

B. Section 4.2.4.

4.2.4. Safety Training:

1) Ergonomics Training; 2) Back Safety and Proper Lifting; 3) Chemical Handling; 4) Chemical Storage Training; 5) Fire Extinguisher Training; 6) Signs and Tags; 7) Universal Waste Training.

C. Section 4.2.5.

4.2.5. Process Courseware:

The consultant shall develop Process Courseware based on selected process areas. One process area shall be developed for Jackson Pike WWTP and one for Southerly WWTP. The selection of the process area shall be made by the client.

D. Section 4.2.6.

4.2.6. ICP Review and Update:

The consultant shall review the existing ICPs (Integrated Contingency Plan) in cooperation with the wastewater treatment facilities staff and DPU safety staff, and prepare summaries of recommended updates, and update the documents based on more timely, accurate and detailed information. One additional emergency scenario shall be developed at both Jackson Pike WWTP and Southerly WWTP. The selection of the scenario shall be made by the client. The consultant shall develop a program to train operators and Incident Coordinators on the ICP at Jackson Pike WWTP and Southerly WWTP. Both online courseware and materials for a face-to-face program shall be developed by the consultant. The client is responsible for conducting the face-to-face program.

E. Section 4.2.7.

4.2.7. Maintenance Tool Training:

The consultant shall develop maintenance tool training for the Sewer Maintenance Operations Center. The consultant shall work with the maintenance staff of SMOC to select three (3) pieces of equipment for which to prepare courseware. This training will be uploaded onto the City's servers for access on the Intranet. Quizzes and Tests to verify the staff is on the right track shall be developed and programmed into the courseware. Supervisors will be able to manage the training and run reports. The three (3) pieces of equipment may be selected from the following: Brush Cutters; Small Pumps; Trash Pumps; Tampers; Chippers; Jack Hammers; Chain Saws.

Mod 2 deletions from the original contract scope of services.

A. Section 1 in its entirety

Step 1 – Guide Specification Review

B. Section 2 in its entirety

Step 2 – Project Specification Review

C. Section 3 in its entirety

Step 3 - Services During Construction

D. Section 4.2.1 in its entirety

4.2.1. Courseware

E. Section 4.2.2 in its entirety

4.2.2. Training Management

F. Section 4.2.5 in its entirety

4.2.5 SOP Review and Verification

G. Section 4.2.8 in its entirety

4.2.8. Orientation and Safety Training

A narrative timeline for the contract including a beginning date, beginning and ending dates for known phases of the contract and a projected ending date.

This contract began on February 27, 2007, initial funding was for \$150,000. Modification No.1 was executed on December 10, 2007, funding was for \$364,345.25. Modification No.2 has not yet been executed, legislation is for \$318,625 and it's duration is for one year. The overall contract duration is estimated to be 5 years funded by incremental annual appropriations.

An estimate of the full estimated cost of the Contract including a separate estimate of any and all phases or proposed future contract modifications.

This contract was executed with a term of 5 years, and includes a provision that allows the City to fund these services with annual appropriations. The Department of Public Utilities anticipates scope requirement and associated funding as follows:

The original contract (EL006779)	\$150,000.00
This Contract Modification No. 1:	\$364,345.25
This Contract Modification No. 2	\$318,625.00
Contract Modification No. 3 (2009):	\$280,125.00
Contract Modification No. 4 (2010):	\$280,125.00
Contract Modification No. 5 (2011):	\$280,125.00