

PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New
 OTR
 Sole Source
 Bid Waiver
 Emergency
 Previous Contract/Project No. N/A

Contract
 Re-Bid
 Other – Access of Other Entity Contract
 LIVING WAGE APPLIES: YES NO

Requisition No./Project No.: BW-10140
 TERM OF CONTRACT 1 YEAR(S) WITH 0 YEAR(S) OTR

Requisition /Project Title: Fire Dynamics Training

Description: Underwriters Laboratories (UL) Fire Dynamic Boot Camp shall provide the County with a training and train the trainer certification which will allow for sustained delivery of this program. This is as intensive 2 day program designed to empower and prepare fire service

Issuing Department: ISD
 Contact Person: Denis Chung
 Phone: 305-375-3904

Estimate Cost: \$180,000

Funding Source: GENERAL
FEDERAL
OTHER Fire Distric

ANALYSIS

Commodity Codes:	95290				
Contract/Project History of previous purchases three (3) years Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.					
	<u>EXISTING</u>	<u>2ND YEAR</u>	<u>3RD YEAR</u>		
Contractor:					
Small Business Enterprise:					
Contract Value:					
Comments:					

Continued on another page (s): YES NO

RECOMMENDATIONS

	Set-Aside	Subcontractor Goal	Bid Preference	Selection Factor
SBE				

Basis of Recommendation:

Signed: Natalya Vasilyeva	Date sent to SBD: 05/25/2021
	Date returned to SPD:

1. BACKGROUND

The Miami-Dade County Fire Rescue Department (MDFR) was awarded a grant for Fire Dynamics training through the Federal Emergency Management Agency (FEMA). The grant stipulates that MDFR may not change or make any material deviations to the approved scope of work which was submitted with the grant application. MDFR listed proprietary training provided Underwriters Laboratories (UL) in the approved FEMA grant application.

Underwriters Laboratories (UL) Fire Dynamic Boot Camp shall provide the County with a training and train the trainer certification which will allow for sustained delivery of this program. This is an intensive 2 day program designed to empower and prepare fire service leaders and instructors to incorporate the most current research findings about fire behavior and firefighting tactics into their training programs.

2. SCOPE OF SERVICES

Underwriters Laboratories (UL) shall provide two deliveries of the Fire Dynamics Boot Camp train the trainer program to a total of ninety (90) participants. Each program delivery will consist of an online pre-course and two (2) days of face to face training consisting of classroom, lab demonstrations, fireground demonstrations and panel discussions. The program deliveries will be held back to back over a four (4) day period. Underwriters Laboratories will provide all required training materials.

3. PURPOSE

Underwriters Laboratories (UL) Fire Dynamics Boot Camp is a train-the-trainer, intensive 2 day program designed to empower and prepare fire service leaders and instructors to incorporate the most current research findings about fire behavior and firefighting tactics into their training programs. The goal is for firefighters to apply fire dynamics concepts with what they see, their resources, their staffing and their equipment so they can get the best outcome possible. The boot camp focuses on the “how” and “why” of fire dynamics beginning with small table top fire experiments, continuing with reduced scale fire development and flow path models and ending with full scale walk through of a training prop to understand how to apply the fire dynamics information in the street and videos of full-scale fire experiments conducted by UL with fire department support. Participants gain an improved understanding of fire dynamics and a digital tool kit to support their training efforts at home. Most importantly, students will develop a network of instructional support from instructors who are implementing this material at their fire training academy. The fire dynamics boot camp focuses on the 5 core concepts of modern fire dynamics. Setting the stage and your work environment, fire dynamics, initial fire attack, coordinated ventilation, and thermal imagers and basement fires.

AFG UL Fire Dynamics Boot Camp

4. SERVICES TO BE PROVIDED

Underwriters Laboratories (UL) shall provide the following Fire Dynamics Boot Camp is a train-the-trainer to the County:

- Two (2) deliveries of the program to ninety (90) participants
- Each program delivery will consist of an online pre-course and two (2) days of face to face training consisting on classroom, lab demonstrations, fireground demonstrations and panel discussions
- The program deliveries will be held back to back over a four (4) day period.
- Underwriters Laboratories will provide all required training materials.

5. STUDENTS/INSTRUCTORS REQUIREMENTS

Fire Dynamics Boot Camp Training participants shall have the following qualifications/prerequisites:

- Fire Service Instructor I or greater
- Live Fire Training Instructor I or greater