

**ADDENDUM ONE
HCSO-CPD RANGE AND TARGET IMPROVEMENTS
CONTRACT NO. P-16-005-201
CITY OF CHATTANOOGA, TENNESSEE**

The following changes shall be made to the Contract Documents, Specifications, and Drawings:

I. Contract Documents

Replace Section 00301 Bid Schedule with attached revised bid schedule.

II. Pre-Bid Meeting

The agenda and sign-in sheet from the Pre-Bid meeting held on 6/6/2017 are attached.

III. Responses to Requests for Bidder Information

Q: Please provide a list of current plan holders for this project.

A: The current list of plan holders is attached to this document.

Q: Please provide the make, model, and age of the current turning target and running man systems.

A: Unfortunately, this information is not precisely known. The turning target system is surplus DOD and is believed to date from the late 1960s. The running man system is believed to be of a similar age. Both were installed in the range in the early to mid 1970s. Some selected photographs of the systems and the range are included with this Addendum. Additional specific photographs can be taken upon request.

June 9, 2017

/s/ Justin C. Holland, Administrator
City of Chattanooga
Department of Public Works

BID SCHEDULE

HCSO-CPD RANGE AND TARGET IMPROVEMENTS

CONTRACT NUMBER P-16-005-201

CHATTANOOGA, TENNESSEE

DESCRIPTION

Constructing thirty to forty-two new air-actuated, remoted-controlled, fully programmable rotating targets, constructing a new 'running man' motorized target system, and making repairs and improvements to the existing target trench and site drainage for functionality and longevity of the new systems.

TOTAL PROJECT BID

TOTAL PROJECT BID \$ _____

(Sum of A + B + C)

\$ _____

Total Base Bid \$ _____

(A)

\$ _____

Total of Base Bid \$ _____

Options (B)

\$ _____

Total of Add \$ _____

Alternates (C)

\$ _____

Note : Dollar amounts are to be shown in both words and figures. In case of discrepancy, dollar amounts shown in words will govern.

Contractor certifies that he has reviewed the plans and specifications, and that all items of work not specifically listed in the Bid Schedule are included in the prices for the various items listed on the Bid Schedule.

BIDDER:

DATE:

BY:

(Signature) TITLE:

ADDRESS:

CITY:

STATE:

ZIP CODE:

TELEPHONE NUMBER:

Bid Schedule**Contract Number P-16-005-201****HCSO-CPD RANGE AND TARGET IMPROVEMENTS****City of Chattanooga**

CONTRACT NUMBER P-16-005-201					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
BASE BID					
717	Mobilization	1	LS		
2270	Erosion Prevention and Sediment Control	1	LS		
2751	Cleaning and Site Preparation	1	LS		
13100-1	ALL NEW Rotating Target Systems	30	EA		
13100-2	ALL NEW 'Running Man' System	1	LS		
13100-3*	Construct Surface Ditch & Backstop Grading	1	LS		
13100-4**	Construct Concrete Trench Drain	250	LF		
13100-5***	Construct New Pneumatic Supply System	1	LS		
13100-6****	Construct New Target Control System and Power Wiring	1	LS		
13100-7	System Setup and Training	1	LS		
13100-8	Provide & Install New Railroad Tie Impact Barriers	1	LF		

BASE BID P-16-005-201 \$

* Approx. 85 CY Unclass. Exc., 150 CY Embankment, 120 CY Topsoil, 1400 SY Seeding w/ Mulch

** Approx. 22 CY Class A Conc, 1700 LBS Steel Bar Reinf., 21 CY Unclass. Exc.

*** Approx. 240 LF underground, 340 LF aboveground

**** Approx. 350 LF aboveground in conduit, 180 LF underground in conduit, signal/control lines as required.

CONTRACT NUMBER P-16-005-201					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
BASE BID OPTIONS					
13100-1A	REPAIR, REPLACE, and/or MODIFY Existing Rotating Target Systems	30	EA		
13100-2A	REPAIR, REPLACE, and/or MODIFY 'Running Man' System	1	LS		
13100-5A-1	Construct New Pneumatic System with Rigid Aluminum Pipe	1	LS		
13100-5A-2	Construct New Pneumatic System with Flexible Air Hose	1	LS		

BASE BID OPTIONS TOTAL \$ _____

NOTE: These Base Bid Option Items May be Substituted for Base Bid Items at the Owner's Discretion

Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
ADD ALTERNATE 1					
13100-11*	ALL NEW Rotating Target Systems (In 'Plinking' Range)	12	EA		

ADD ALTERNATE 1 TOTAL \$ _____

* Approx 70 LF of pneumatic line, 100 LF of aboveground power in conduit

Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
ADD ALTERNATE 2					
13100-12	Install 'Running Man' Second Carriage & Operation System	1	LS		

ADD ALTERNATE 2 TOTAL \$ _____

CONTRACT NUMBER P-16-005-201					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
ADD ALTERNATE 3					
13100-13**	Clean and Repair Yard Storm Drainage System	1	LS		

ADD ALTERNATE 3 TOTAL \$

** Approx 600 LF of 8" pipe

Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
ADD ALTERNATE 4					
13100-14	Class A Concrete	15	CY		
13100-15	Steel Bar Reinforcing	1,830	LB		

ADD ALTERNATE 4 TOTAL \$

NOTE: Add Alternate 4 Quantities May be
Increased or Decreased

Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
ADD ALTERNATE 5					
13100-16	Repair Damaged CMU Masonry	50	SF		

ADD ALTERNATE 5 TOTAL \$

NOTE: Add Alternate 5 Quantities May be
Increased or Decreased

TOTAL OF ADD ALTERNATES \$

HCSO-CPD RANGE AND TARGET IMPROVEMENTS
CONTRACT NUMBER P-16-005-201
PRE-BID MEETING AGENDA
June 6, 2017

1. Receipt of Bids – Thursday, June 29, 2017 at 2:00 PM @ Chattanooga City Hall, Purchasing Department, Suite G13. 101 E. 11th St.
2. Last day for questions- June 22 at 4:30 p.m.
3. Bidding Requirements- Comply with the requirements described in 00200 Instruction to Bidders
4. Contract and bid forms included in the project manual. Contractor must supply originals of Sections 201-486, and Section 201 must be placed on the outside of the bid envelope.
5. Contract Time- 90 calendar days
6. Nothing said in this meeting changes any of the Contract Documents. All questions to be submitted in writing; all official responses to be made in writing.
7. Questions shall be submitted in writing using the "Request for Bidder Information" form in the Contract Documents Section 00009-1, and shall be submitted to the City of Chattanooga Purchasing Department.
8. Project consists of:
 - A. Base Bid Work includes:
 1. Providing and installing thirty (30) new rotating targets, bases, brackets, supports, power and control wiring, conduits, actuators, steel shields, controllers, and other miscellaneous equipment, materials and labor necessary for making these targets functional. The targets shall be design to allow re-use of the HCSO-CPD's existing target frames.
 2. Providing one (1) fully functioning 'running man' target system, including motors, mounts, bases, conduit and all wiring, and all other materials, equipment, and labor necessary to complete this installation.
 3. Constructing a surface interceptor ditch and berm behind the rear target trench wall, and grade for positive drainage. Place fill to regrade slope, place and finish grade topsoil, and apply seed and mulch.
 4. Remove existing French drain system and replace with cast-in-place trench drain system.
 5. Design, provide and construct a new pneumatic (air) supply system to operate all targets. The HCSO-CPD air compressor is to be reused and the system designed to operate properly with this air compressor. System will be composed of underground and above ground piping, fittings, filters, water traps, drains, oilers, pressure gauges, pressure regulators, and any and all other components necessary to produce a properly functioning target system.
 6. Design, provide, and construct a new target control system, control wiring, and power wiring, in conduit, and provide wireless controllers to operate the targets and running man systems. Targets must be independently operable, customer-programmable, and capable of being wirelessly operated from a standard computer using the Windows operating system.
 7. Provide complete system install, setup, configuration, training, and minimum warranty as described in the Contract Documents.
 8. Provide and install new railroad tie impact barriers to provide satisfactory protection of the installed target systems.
 - B. Base Bid Options include items that may be substituted (at the Owner's discretion) as alternative methods for completing portions of the Base Bid, above, and include:
 1. Retrofit, repair, replace, and/or modify the existing target actuator system and components as necessary to operate with a pneumatic system and an electronic control system, as described in the Base Bid. Existing components may be reused if in satisfactory condition.

HCSO-CPD RANGE AND TARGET IMPROVEMENTS

CONTRACT NUMBER P-16-005-201

PRE-BID MEETING AGENDA

June 6, 2017

2. Retrofit, repair, replace, and/or modify the existing running man system to function properly to the satisfaction of the HCS-CPD Rangemaster.
 3. Construct the pneumatic system using rigid aluminum pipe and specialized fittings, all specifically designed for compressed air distribution.
 4. Construct the pneumatic system with oil-resistant air hose in conduit.
- C. Add Alternate 1 is to provide and install an additional twelve (12) rotating targets in front of the 'running man' system.
- D. Add Alternate 2 is to provide and install a second carriage on the 'running man' system provided in the Base Bid.
- E. Add Alternate 3 is to clean and repair the existing firing range yard storm drains and catch basins.
- F. Add Alternate 4 is to construct a reinforced concrete pad to elevate the target bases above the bottom of the target trench to help provide positive drainage.
- G. Add Alternate 5 is to repair damaged CMU blocks in locations as identified by the Owner.

ATTENDING PRE-BID CONFERENCE

Bid/Proposal Number: 154224

HCSO-CPD Range and Target Improvements

Opening Date: 06/29/17

Pre-Bid Date: 06/06/17

Name & Company

Email

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