

Addendum 1

City of Canton, Ohio
Purchasing Department
218 Cleveland Ave. SW, 4th floor
Canton, Ohio 44702

US-30 Storm Sewer Cleaning & Televising - 2020

Item/Project

Collection Systems Department

Responsible Department

2:00pm 9/3/2020

Bids Due

Bid Proposal Submitted By:

Company Name

Street Address

City

State

Zip

Contact Person

Phone No.

Email Address

Question 1:

Is the \$40,000 allowance for law enforcement officer & vehicle included in the \$101,500 estimate?

Answer:

The allowance amount has been revised per this addendum. The revised allowance amount is included in the project estimated cost.

Question 2:

What does the \$40,000 allowance include?

Answer:

The allowance amount has been revised per this addendum. Located in the General Notes on sheet one of the plans, refer to *Pay Item 27 – Maintaining Traffic Including Coordination with City Traffic Engineering* for what is included in this item.

Question 3:

Will the City provide a place to dump the material that is cleaned out of the storm sewer?

Answer:

Located in the General Notes on sheet one of the plans, refer to *Pay Items 1 Through 13 – Storm Sewer Cleaning Including Inlets/Basin (All Size Ranges)* for what is included in this item.

Question 4:

Will the City provide the water needed to flush the storm sewer?

Answer:

Water is not provided under the contract. All bidders shall secure their own water source.

Question 5:

Is there a requirement to use a DBE?

Answer:

No.

Question 6:

How do we know if we are considered a vendor for the City of Canton (we have done work for the City of Canton in the past)?

Answer:

You can contact the Canton Building Department at 330-430-7800 to register as a contractor with the City of Canton.

Question 7:

I don't see any reference to the disposal out other manner of management of the material that will be removed from the line jetting operation. How does the City want that aspect of the project managed?

Answer:

Located in the General Notes on sheet one of the plans, refer to *Pay Items 1 Through 13 – Storm Sewer Cleaning Including Inlets/Basin (All Size Ranges)* for what is included in this item.

Question 8:

In regards to this opportunity, do you have a set step procedure on this work, would contractor try and CCTV first or would City want everything pre cleaned?

Answer:

Located in the General Notes (Plan Sheet 1), refer to Pay Items 1 Through 13 - Storm Sewer Cleaning Including Inlets/Basins (All Size Ranges) for the cleaning requirements on this project.

Further clarification to this pay item is as follows:

1. The Contractor may choose to CCTV the sewer first to determine the level of cleaning necessary.
2. If CCTV of the sewer, without cleaning, identifies that cleaning is not required to meet the requirements of the applicable Storm Sewer Cleaning pay item, then the contractor will be paid for the applicable Storm Sewer Cleaning and Storm Sewer CCTV pay item based on length and diameter of the applicable sewer.
3. If CCTV of the sewer, with or without pre-cleaning, identifies that cleaning (or additional cleaning) is required, the sewer shall be cleaned and re-televised for the entire pipe segment (manhole to manhole).
4. The Contractor will not be paid for cleaning any foot of sewer more than one time.
5. The Contractor will not be paid for televising any foot of sewer more than one time.

Notification 1:

Please be advised that the amount of the Allowance for Bid Item Ref. No 28: Local Off-Duty Police & Vehicle APP noted in the Invitation to Bid should state \$9,000.00 rather than \$40,000.00. Please replace the last page of the pricing proposal section with the updated proposal page attached to this addendum.

Notification 2:

Please be advised that the table on the cover sheet of the plans has been revised to "Estimated Project Quantities" as these figures are provided based on the best available information and may differ from finding in the field. The updated sheet is attached.

BID FORM

(1)	(3)	(4)	(5)	(6)	(7)	(8 = 6 + 7)	(9 = 4 x 8)
REF. NO.	Description	Quantity	Unit	Labor Unit Price	Material Unit Price	Total Unit Price (Sum of Labor and Material)	Item Total
24.	Storm Sewer CCTV – 54 inch, APP	755	Feet				
25.	Storm Sewer CCTV – 66 inch, APP	552	Feet				
26.	Storm Sewer CCTV – 72 inch, APP	1,578	Feet				
27.	Maintaining Traffic Including Coordination With City Traffic Engineering, APP	1	LS				
28.	Local Law Enforcement Officer & Vehicle, APP	1	Allowance	-	-	\$9,000.00	\$ 9,000.00

Quantities are not guaranteed. Final payment will be based on actual quantities completed/used.

Informal Total of Bid Items \$ _____

Respectfully submitted _____	
Name of Contractor	Address

Signature	Date
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Title	Phone Number
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(Seal - if Bid is by a corporation)

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COVER SHEET	SHEET 1
PLAN SHEETS	SHEETS 2-31

CITY OF CANTON, OHIO
US-30 STORM SEWER
CLEANING & TELEVISING 2020

FROM RAFF ROAD (ROUTE 297) TO WAYNESBURG ROAD (ROUTE 43)



GENERAL NOTES:

STORM SEWER AND STRUCTURE LOCATIONS ARE BASED ON BEST AVAILABLE INFORMATION. ACTUAL LOCATIONS OF STORM SEWERS AND STRUCTURES MAY VARY FROM PLAN INFORMATION. ANY DISCREPANCY WITH PIPE DIAMETER SHALL BE VERIFIED BY CONTRACTOR AND THE ENGINEER SHALL BE INFORMED AS SOON AS POSSIBLE. PAYMENT FOR CLEANING AND CCTV WORK WILL BE BASED ON ACTUAL PIPE SIZES.

THE FOLLOWING PAY ITEM DESCRIPTIONS PROVIDE THE OVERALL SCOPE OF WORK ASSOCIATED WITH THIS PROJECT. PIPES INCLUDED IN THE SCOPE OF THIS PROJECT ARE SHOWN IN BLUE ON THE FOLLOWING PAGES. ALL PAY ITEMS SHALL BE AS PER PLAN.

PAY ITEMS 1 THROUGH 13 – STORM SEWER CLEANING INCLUDING INLETS/ BASINS (ALL SIZE RANGES)

THE CONTRACTOR SHALL CLEAN THE SEWERS, MEDIAN INLETS, CATCH BASINS, MANHOLES, AND RELATED UNDERGROUND STRUCTURES AND VAULTS, IN ORDER TO REMOVE MATERIAL ACCUMULATIONS (SEDIMENT AND DEBRIS) TO AN ACCEPTABLE LEVEL. ACCEPTABLE LEVEL OF CLEANING IS DEFINED AS REMOVING ALL SEDIMENT & DEBRIS TO RESTORE THE INTERNAL PIPE OPENING TO A MINIMUM OF 95% OF THE ORIGINAL INTERNAL CROSS-SECTIONAL AREA OF THE PIPE OR STRUCTURE IN A MANNER SUCH THAT 100% OF LOOSE MATERIAL IS REMOVED AND HARD MATERIALS ATTACHED TO THE PIPE WALLS ARE REMOVED TO WITHIN 1/2-INCH OR LESS OF THE PIPE WALL. ALL MATERIALS DISLODGED DURING CLEANING SHALL BE REMOVED FROM THE SEWER AND DISPOSED OF BY THE CONTRACTOR.

ALL WASTE, SPILLS, SPOILS, AND DEBRIS SHALL BE CLEANED AND REMOVED FROM THE SITE, ROADWAYS, AND PROPERTY IMMEDIATELY. NONE SHALL BE ALLOWED TO ACCUMULATE AND DISPOSED OF AT REGULAR INTERVALS TO PREVENT ODOR NUISANCES. ALL SEDIMENT & DEBRIS REMOVED FROM THE SEWER SHALL BE DISPOSED OF OFF-SITE IN A LAWFUL MANNER AT A LICENSED OFF-SITE SOLID WASTE DISPOSAL FACILITY. MATERIALS SHALL BE TRANSPORTED TO A FACILITY LICENSED AND PERMITTED FOR THAT PURPOSE. ALL MATERIALS SHALL BE PROPERLY MANIFESTED WITH THE FINAL DESTINATION DOCUMENTED. CONTRACTOR IS RESPONSIBLE FOR ALL WASTE GENERATOR/MANIFEST FORMS REQUIRED FOR DISPOSAL, INCLUDING COORDINATION WITH ENGINEER AND OWNER AS NEEDED TO COMPLETE SAID FORMS. THE COST (INCLUDING ALL LABOR AND EQUIPMENT) TO DISPOSE OF ALL MATERIAL REMOVED FROM STORM CONDUITS AND STRUCTURES SHALL BE INCLUDED IN THE PRICE PER LINEAL FOOT OF CLEANING OF SEWERS. NO SEPARATE PAY ITEM IS PROVIDED.

THE COST (INCLUDING ALL LABOR AND EQUIPMENT) TO FLUSH, CLEAN AND REMOVE/DISPOSAL OF ALL MATERIAL FROM STORM CONDUITS AND STRUCTURES SHALL BE INCLUDED IN THE APPLICABLE BID ITEM ACCORDING TO THE SIZE OF THE SEWER. PIPE LENGTH SHALL BE MEASURED FROM THE CENTER OF THE UPSTREAM STRUCTURE TO THE CENTER OF THE DOWNSTREAM STRUCTURE. ALL CLEANING ASSOCIATED WITH STRUCTURES SHALL BE INCLUDED IN THE APPLICABLE UPSTREAM AND/OR DOWNSTREAM SEWER.

FURTHER CLARIFICATION TO THIS PAY ITEM IS AS FOLLOWS:

1. THE CONTRACTOR MAY CHOOSE TO CCTV THE SEWER FIRST TO DETERMINE THE LEVEL OF CLEANING NECESSARY.
2. IF CCTV OF THE SEWER, WITHOUT CLEANING, IDENTIFIES THAT CLEANING IS NOT REQUIRED TO MEET THE REQUIREMENTS OF THE APPLICABLE STORM SEWER CLEANING PAY ITEM, THEN THE CONTRACTOR WILL BE PAID FOR THE APPLICABLE STORM SEWER CLEANING AND STORM SEWER CCTC PAY ITEM BASED ON LENGTH AND DIAMETER OF THE APPLICABLE SEWER.
3. IF CCTV OF THE SEWER, WITH OR WITHOUT PRE-CLEANING, IDENTIFIES THAT CLEANING (OR ADDITIONAL CLEANING) IS REQUIRED, THE SEWER SHALL BE CLEANED AND RE-TELEVISED FOR THE ENTIRE PIPE SEGMENT (MANHOLE TO MANHOLE).
4. THE CONTRACTOR WILL NOT BE PAID FOR CLEANING ANY FOOT OF SEWER MORE THAN ONE TIME
5. THE CONTRACTOR WILL NOT BE PAID FOR TELEVISING ANY FOOT OF SEWER MORE THAN ONE TIME.

PAY ITEMS 14 THROUGH 26 – STORM SEWER CCTV (ALL SIZES)

THE CONTRACTOR SHALL PERFORM INSPECTION OF SEWERS USING A COLOR CLOSED CIRCUIT TELEVISION CAMERA (CCTV) AND DOCUMENT THE INSPECTION ON A DIGITAL RECORDER. ALL INSPECTION VIDEO SHALL BE IN MPEG OR WMV FILE FORMAT AND SAVED ON PORTABLE HARD DRIVES FOR SUBMITTAL. EACH INSPECTED SEWER SEGMENT, MANHOLE TO MANHOLE, SHOULD HAVE AN ASSOCIATED MPEG OR WMV FILE. INSPECTION LOGS, WHICH SHALL INCLUDE PIPE SEGMENT AND MANHOLE ASSET ID'S OR AS NOTED ON THE DRAWINGS, AND DIGITAL PHOTOGRAPHS (JPG FILES) SHALL ACCOMPANY THE VIDEO INSPECTIONS FOR EACH SEWER SEGMENT (MANHOLE TO MANHOLE) INSPECTED. ALL CCTV AND INSPECTION LOG FILES SHALL

BE NAMED BY THE SEGMENT ASSET ID. THE NATURE OF THE INSPECTIONS SHALL BE TO VERIFY THE CLEANLINESS OF THE SEWERS AND DOCUMENT ANY STRUCTURAL PROBLEMS. THE COST (INCLUDING ALL LABOR AND EQUIPMENT) TO TELEVIEW, RECORD AND DOCUMENT ALL STORM CONDUITS AND STRUCTURES SHALL BE INCLUDED IN THE APPROPRIATE BID ITEM BASED ON SEWER SIZE. PIPE LENGTH SHALL BE MEASURED FROM THE CENTER OF THE UPSTREAM STRUCTURE TO THE CENTER OF THE DOWNSTREAM STRUCTURE. ALL CCTV ASSOCIATED WITH STRUCTURES SHALL BE INCLUDED IN THE APPLICABLE UPSTREAM AND/OR DOWNSTREAM SEWER.

PAY ITEM 27 - MAINTAINING TRAFFIC INCLUDING COORDINATION WITH CITY TRAFFIC ENGINEERING

THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE REQUIREMENTS OF THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) MANUAL OF CONSTRUCTION AND MATERIALS SPECIFICATIONS ITEM 614 MAINTAINING TRAFFIC. THE CONTRACTOR SHALL FURNISH, MAINTAIN, AND REMOVE ALL SIGNS, FLAGS, FLAGMEN, WATCHMEN, BARRICADES, SIGN SUPPORTS, CONES, BARRELS, AND INCIDENTALS IN CONFORMANCE WITH THE MOST RECENT REVISIONS OF THE CURRENT EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.

INTERFERENCE WITH VEHICULAR TRAFFIC SHALL BE KEPT TO A MINIMUM AT ALL TIMES. ACCESS SHALL BE MAINTAINED AT ALL TIMES FOR EMERGENCY AND FIRE DEPARTMENT VEHICLES. ALL TRUCKS, EQUIPMENT, AND SUPPORT VEHICLES, SIGNS, AND ARROW BOARDS USED BY THE CONTRACTOR OR SUBCONTRACTORS SHALL UTILIZE HIGH VISIBILITY LED WARNING LIGHTS, WHEN REQUIRED BY ODOT AND/OR THE CANTON CITY TRAFFIC ENGINEER. CONTRACTOR SHALL SUBMIT A "WORK PLAN" IF REQUESTED DURING BID EVALUATIONS. THE WORK PLAN SHALL INCLUDE A DETAILED MAINTENANCE OF TRAFFIC (MOT) PLAN FOR APPROVAL BY THE CANTON CITY TRAFFIC ENGINEER.

THE COST (INCLUDING ALL LABOR AND EQUIPMENT) TO PROVIDE, ERECT, AND DISMANTLE ALL TRAFFIC CONTROL DEVICES, ETC. DURING THE ENTIRE CLEANING AND TELEVISING OPERATION SHALL BE INCLUDED IN THIS BID ITEM ON A LUMP SUM BASIS. PARTIAL PAYMENT FOR THIS PAY ITEM WILL BE MADE BASED ON THE PERCENTAGE OF TOTAL FOOTAGE OF PIPE TELEVISED COMPLETED AT THE TIME OF PAYMENT APPLICATION.

PAY ITEM 28 – LOCAL LAW ENFORCEMENT OFFICER & VEHICLE

A SEPARATE ALLOWANCE IS INCLUDED FOR "LOCAL LAW ENFORCEMENT OFFICER". THE ALLOWANCE IS INTENDED TO PAY FOR A LOCAL (CITY OF CANTON) LAW ENFORCEMENT OFFICER AND ONE POLICE CRUISER TO ASSIST WITH MOT DURING THE PROJECT. BIDDERS CAN CONTACT THE CANTON POLICE DEPARTMENT FOR HOURLY COSTS FOR AN OFFICER AND POLICE CRUISER (CONTACT SGT. SWANK @ (330) 438-4486).

THIS ALLOWANCE WILL BE PAID TO THE CONTRACTOR ON A FORCE ACCOUNT BASIS BY SUBMISSION OF INVOICE(S) FOR POLICE TIME AND EQUIPMENT WHICH WILL BE REVIEWED AND APPROVED BY THE CITY PRIOR TO COMPLETION OF THE PROJECT. ANY COSTS ASSOCIATED WITH LAW ENFORCEMENT OFFICER AND VEHICLE ASSISTANCE BEYOND THE TOTAL ALLOWANCE AMOUNT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. AT THE END OF THE CONTRACT, ALL REMAINING ALLOWANCE FUNDS WILL BE DEDUCTED FROM THE FINAL CONTRACT PRICE VIA CHANGE ORDER. THE ALLOWANCE IS NOT TO BE USED FOR THE CORRECTION OF ANY ERRORS OR OMISSIONS BY THE CONTRACTOR, OR FOR WORK ITEMS INCLUDED IN OTHER BID ITEMS.

ESTIMATED PROJECT QUANTITIES	
Diameter	Length
12"	857'
15"	3,308'
18"	874'
21"	245'
24"	1,722'
27"	1,738'
30"	491'
33"	132'
42"	436'
48"	767"
54"	755'
66"	552'
72"	1,578'