

City of Cambridge

PURCHASING DEPARTMENT

795 Massachusetts Ave. • Cambridge, Massachusetts 02139-3219

Amy L. Witts
Purchasing Agent

TO: All Bidders

FROM: City of Cambridge

DATE: June 3, 2015

RE: File No. 6847 –Sewer and Stormwater Infrastructure 2015 Trenchless Rehabilitation Program- Addendum No. 2

This addendum is comprised of:

1. Pre-bid Meeting Agenda including attendees
2. Questions and Answers
3. Additional Changes
4. Revised bid package

The following questions were submitted and answered:

Question: Section 00210-1 has specific Resident, Minority and Women employment requirements. As the majority of this work is specialized will a waiver from this be permitted?

Answer: *A waiver will not be permitted. Every effort should be made to comply with the ordinance. The City compliance officer will work with the winning bidder.*

Question: Cambridge Employment Plan: At this time we do not employ any Cambridge Residents, minority or women that directly performs CIPP lining, how does this impact our desire to bid this project?

Answer: *The Cambridge Employment Plan should not deter bidders from bidding. Every effort should be made to comply with the ordinance. The City compliance officer will work with the winning bidder.*

Question: Ordinance N. 1260 – We do not participate in a bona fide apprentice program, how does this impact our ability to bid this project? How will we sign the Responsible Employer form? (Do we cross item 3 out)

Answer: Ordinance number 1260 #3 will not be enforced and should be crossed out.

Question: Page 00900-40 States that excavations, frame and cover removal, access structure installation shall be completed by the Owner at the Contractor’s expense. These types of excavations may be necessary in order to complete the CIPP work, how will a Contractor budget these items if they are necessary? How much would these excavations cost?

Answer: Excavation for point or spot repairs required for existing pipe conditions, and/or to remove and replace manhole cones, frames and covers which are required to support the Contract work shall be conducted by the City at no additional cost to the Contractor. Any damage to the City’s infrastructure that is caused by the Contractor and requires excavation shall be conducted by the City at the Contractor’s expense. Any excavation required to remedy emergency situations resulting from the Contractor’s work shall be conducted by the City at the Contractor’s expense. Any necessary repairs that are the result of the Contractor’s work and require excavation shall be conducted by the City at the Contractor’s expense.

Technical Specifications page 00900-40 Item 230 Section 3.1(E) shall be replaced in its entirety with the following text:

The Owner shall remove and replace manhole cones, frames and covers as required to insert the CIPP. The Contractor shall include the requirements and proposed schedule in the work plan, and coordinate with the Owner as required by the Contract Documents.

Question: Chart A5 First Street MHD01CMH0315 to 0312 to 0310- No lengths given on the chart. Are these to be lined?

Answer: Manhole D01CMH0315 is the southernmost extent of the planned lining work on First Street. Sections D01CMH0315 to D01CMH0312 and D01CMH0312 to D01CMH0310 are to be lined, and updated information provided below will be included in a conformed document after the bidding process.

Upstream Manhole	Downstream Manhole	Pipe Material	Pipe Shape	>15-inch (If)	Noncircular
D01CMH0312	D01CMH0310	Single-Course Brick	Elliptical	285	28" x 22"
D01CMH0315	D01CMH0312	Single-Course Brick	Elliptical	120	28" x 22"

The quantities for the 15" to < 30" pipe sizes were increased to include this additional information. The quantities for the following items were increased and a revised Bid Price Sheet is included with this addendum: 200.2, 200.7, and 230.2. A new bid price sheet is included with this addendum in a separate packet of forms to be completed by bidders.

As noted in Appendix A, the City has provided information from the Engineering records, from both GIS data layers and other sources. These records are not complete and locations have not been field verified. Bidders should expect discrepancies between field and record information. The Contractor's work under Item 200 shall provide additional and current information to prepare for the CIPP lining work (Item 230).

Question: Chart A6 Griswold St (should be listed as Plan A7) MH S67SMH0215 to 0210 to 0205- Shown on the Chart as PVC. Plan show pipe is VCP. Which is right?

Answer: *The Griswold Street table should have been identified as A-7 and will be updated in the conformed document after the bidding process.*

Plan A-7 indicating the material in these pipe sections is VCP is likely correct. The PVC material referenced in Table A-6 is most likely referring to small sections of pipe that were replaced during common manhole separation work. There should be no need to line long sections of PVC pipe, only short sections that are present from common manhole separation work or completed point and spot repairs.

As noted in Appendix A, the City has provided information from the Engineering records, from both GIS data layers and other sources. These records are not complete and locations have not been field verified. Bidders should expect discrepancies between field and record information. The Contractor's work under Item 200 shall provide additional and current information to prepare for the CIPP lining work (Item 230).

Question: Chart A7 Green St (should be listed as Plan A6)

Answer: *The Green Street table should have been identified as A-6 and will be updated in the conformed document after the bidding process.*

Question: Chart A11 Oxford Street- Most of the shapes & sizes on the Chart do not match the shapes & pipe sizes on the plans. Which is right?

Answer: *The extent of the work on Oxford Street is from manhole S37SMH0645 (just north of Garfield/Eustis Street) to Everett Street (manhole S37CMH6420). The sewer and drain infrastructure was constructed between the late 1800s and the early 1900s. The plans display information directly from the GIS data layers for pipe shapes, sizes and materials, and are likely to have the most accurate information if there are discrepancies with the tables, or if the tables are incomplete.*

As noted in Appendix A, the City has provided information from the Engineering records, from both GIS data layers and other sources. These records are not complete and locations have not been field verified. Bidders should expect discrepancies between field and record information. The Contractor's work under Item 200 shall provide additional and current information to prepare for the CIPP lining work (Item 230).

The City has reviewed the Oxford Street information in Appendix A, and is providing the updated information below which will be included in a conformed document after the bidding process.

Upstream Manhole	Downstream Manhole	Pipe Material	Pipe Shape	>15-inch (lf)	Other/ Noncircular
S37SMH0645	S37COM6475	RCP	Circular	50	36" diameter
S37COM6475	S37CMH6465	RCP	Circular	400	20" diameter
S37CMH6465	S37CMH6463	Single Course Brick	Elliptical	135	32" x 36"
S37CMH6463	S37COM6440	Single Course Brick	Elliptical	225	32" x 36"
S37COM6440	S37CMH6425	Single Course Brick	Elliptical	305	32" x 36"
S37CMH6425	S37CMH6423		Elliptical	15	36" x 40"
S37CMH6423	S37CMH6420		Elliptical	320	36" x 40"
S37CMH6455	S37CMH6450	Brick with concrete base	Egg	210	30" x 39"

Upstream Manhole	Downstream Manhole	Pipe Material	Pipe Shape	>15-inch (lf)	Other/ Noncircular
S37CMH6450	S37CMH6465	Brick with concrete base	Egg	180	30" x 39"
			Total	<u>1840</u>	

There are significant changes in the quantities for the 15" to < 30" and 30" to <48" pipe sizes based on the Oxford Street review. The quantities for the following items have been adjusted and are shown in the table below: 200.2, 200.3, 200.7, 200.8, 230.2, 230.3. A new bid price sheet is included with this addendum in a separate packet of forms to be completed by bidders.

Item Number	Estimated Quantity	Unit	Description
200.2	5,400	Linear Foot	Cleaning, Inspection and Report. Pipe Size 15" to < 30"
200.3	2,500	Linear Foot	Cleaning, Inspection and Report. Pipe Size 30" to < 48"
200.7	540	Linear Foot	Heavy Cleaning. Pipe Size 15" to < 30"
200.8	250	Linear Foot	Heavy Cleaning. Pipe Size 30" to < 48"
230.2	5,150	Linear Foot	Cured-In-Place Pipe Lining. Pipe Size 15" to < 30"
230.3	2,200	Linear Foot	Cured-In-Place Pipe Lining. Pipe Size 30" to < 48"

Question: Chart A12 Pearl Street – Odd pipe sizes in the chart do not match the plans. Please confirm correct sizes.

Answer: *The extent of the work on Pearl Street is from Erie Street (manholes S29COM0065, S29COM0060, S29COM0055) to Granite Street (manhole S28SMH0010). The City has reviewed the Pearl Street information in Appendix A, and is providing the updated information below which will be included in a conformed document after the bidding process.*

Upstream Manhole	Downstream Manhole	8-inch (lf)	10-inch (lf)	12-inch (lf)	>15-inch (lf)	Noncircular
S29COM0055	S29SMH1315		250			
S29COM0060	S29SMH1315				250	16"x21"
S29COM0065	S29SMH3010	250				
S29SMH1320	S29SMH1315		20			
S29SMH1325	S29SMH1320		240			
S29SMH1335	S29SMH1325	305				
S28SMH0040	S28SMH0035		340			
S28SMH0035	S28SMH0030			235		
S28SMH0030	S28SMH0025			105		
S28SMH0025	S28SMH0020			135		
S28SMH0020	S28SMH0015			230		
S28SMH0015	S28SMH0010			15		
	TOTALS	<u>555</u>	<u>850</u>	<u>720</u>	<u>250</u>	

Question: Chart A12 Pearl Street - Are the last 5 segments on the chart to be lined? If so, please provide pipe sizes & lengths, etc.

Answer: *The following pipe sections are to be lined:*

Upstream Manhole	Downstream Manhole	12-inch (lf)
S28SMH0035	S28SMH0030	235
S28SMH0030	S28SMH0025	105
S28SMH0025	S28SMH0020	135
S28SMH0020	S28SMH0015	230
S28SMH0015	S28SMH0010	15
	TOTAL	<u>720</u>

Question: If the pipe to be lined is 24"x32" Does it get paid in the Bid Item CIPP 15" to <30" or Bid Item CIPP 30" to <48"?

Answer: For noncircular pipes, the larger dimension would determine the pay item. For the specific example given, Item 230.3 Cured-In-Place Pipe Lining, Pipe Size 30" to < 48" would be used as the pay item.

Additional Changes by the City

- Supplemental Conditions, Page 00825-2, Supplemental Condition 6 Work Hours will be replaced in its entirety with the following text to correct the work hours requiring a noise control variance permit:

Regular work hours shall be 7:00AM through 4:00PM Monday through Friday only (except as noted below). Night work is expected with this contract. Work between the hours of 6:00PM and 7:00AM requires that the Contractor obtain a noise control variance permit from the Cambridge License Commission. No weekend or holiday work shall be allowed except during emergencies and as noted herein. Weekend and holiday work requires a work permit from the Cambridge Police Department and may also require a noise control variance permit.

A list of the City holidays will be supplied by the City upon the awarding of the contract.

- Technical Specifications, Page 00900-1, General Requirements – No Separate Payment Items, Notifications, will be replaced in its entirety with the following text:

This contract involves a significant effort to notify the public about impacts to the City's sewer and stormwater systems. The notification requirements are specified in Item 200 Cleaning and Inspection of Gravity Pipe and Manholes, Section 3.8, Item 230 Trenchless Pipe Rehabilitation by Cure-In-Place Pipe Lining, Section 3.6, Item 240 Manhole Repair and Rehabilitation, Section 3.6, and Item 250 Flow Bypass, Section 3.3. Notifications as specified in the Contract Documents are required for any and all Work that will impact the use and operation of the City's sewer and stormwater systems. Notifications shall be incidental to the Work and paid for by the Contractor.

- Technical Specifications, Page 00900-21, Item 200 Cleaning and Inspection of Gravity Pipe and Manholes, Section 3.8(B)(2) shall be replaced in its entirety with the following text:

No less than 24-hours prior to the start of the work, the Contractor shall provide a final notification in person. Notifications shall be made on weekdays (Monday through Friday). Residential properties require notification between 5PM and 8PM, when residents are more likely to be present. For example, if the work is to start on a Monday morning, in person notifications to residents should be attempted between 5PM and 8PM the previous Thursday. If there is no response, the Contractor may leave a second door hanger as a final reminder.

- **Technical Specifications, Page 00900-46, Item 230 Trenchless Pipe Rehabilitation by Cure-In-Place Pipe Lining, Section 3.6(B)(2) shall be replaced in its entirety with the following text:**

No less than 24-hours prior to the start of the work, the Contractor shall provide a final notification in person. Notifications shall be made on weekdays (Monday through Friday). Residential properties require notification between 5PM and 8PM, when residents are more likely to be present. For example, if the work is to start on a Monday morning, in person notifications to residents should be attempted between 5PM and 8PM the previous Thursday. If there is no response, the Contractor may leave a second door hanger as a final reminder.

- **Technical Specifications, Page 00900-59, Item 240 Manhole Repair and Rehabilitation, Section 3.6 shall be added:**

3.6 NOTIFICATIONS

A. At least one week prior to Work, the Contractor shall notify in writing each property owner whose service shall be shutdown albeit temporarily.

B. The Contractor shall provide notifications as specified in Item 200 Cleaning and Inspections of Gravity Pipe and Manholes, Section 3.8 and Item 230 Trenchless Pipe Rehabilitation by Cure-In-Place Pipe Lining, Section 3.6.

- **Technical Specifications, Page 00900-62, Item 250 Flow Bypass, Section 3.3(B) shall be replaced in its entirety with the following text:**

The Contractor shall provide notifications as specified in Item 200 Cleaning and Inspections of Gravity Pipe and Manholes, Section 3.8 and Item 230 Trenchless Pipe Rehabilitation by Cure-In-Place Pipe Lining, Section 3.6.

- **The manhole lining quantities (cementitious and/or epoxy) are in vertical feet. The following changes to quantities have been made to Item 240 in the Bid Price Sheet, Page 00300-05. A new bid price sheet is included with this addendum in a separate packet of forms to be completed by bidders.**

Item	Quantity	Unit	Description
240.3	300	Vertical Foot	Structural Cementitious Liner for Manhole Rehabilitation (manholes for pipe sizes 12-inches or less)
240.4	75	Vertical Foot	Structural Cementitious Liner for Manhole Rehabilitation (manholes for pipe sizes greater than 12-inches)

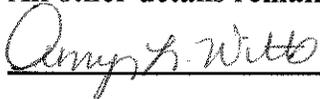
Item	Quantity	Unit	Description
240.5	120	Vertical Foot	Structural Cementitious Liner and Epoxy Coating for Manhole Rehabilitation (manholes for pipe sizes 12-inches or less)
240.6	45	Vertical Foot	Structural Cementitious Liner and Epoxy Coating for Manhole Rehabilitation (manholes for sizes greater than 12-inches)

- The unit for Item 200.5 Cleaning, Inspection and Report of Manholes was changed from linear foot to each. A new bid price sheet is included with this addendum in a separate packet of forms to be completed by bidders.

Item	Unit	Description
200.5	Each	Cleaning, Inspection and Report. Manhole

- The Massachusetts Diesel Retrofit Program Statement of Intent to Comply is included in this addendum in a separate packet of forms to be completed by bidders.

All other details remain the same.



Amy L. Witts
Purchasing Agent

Addendum No. 2

Sewer and Stormwater Infrastructure 2015 Trenchless Rehabilitation

Pre-Bid Meeting

May 27, 2015 at 10am

Cambridge Department of Public Works (DPW), 147 Hampshire Street, Cambridge, MA 02139

Attendees

Peter Luciani – National Water Main Cleaning Co.

Michael Cronin – Insituform

Diane Stokes – Cambridge DPW

Pre-bid Meeting Agenda

- Contract for trenchless rehabilitation of gravity pipe via cast in place pipe lining
 - Approximately 24,000 linear feet total, 17 locations city-wide.
 - Circular and noncircular pipe of varying sizes, materials and ages.
 - Internal cleaning, inspections and reporting, and internal pipe repairs.
 - There is no excavation included in this contract. The Contractor shall coordinate with the city to complete any excavation required to conduct the work.
 - Internal lateral inspections – locations to be determined by Contractor’s inspections
- Work includes internal repair and lining of manholes with locations to be determined by Contractor’s field observations
- Standard work hours are Monday through Friday 7am to 4pm
 - If unplanned work goes past 4pm, notify DPW and Cambridge Police Department (CPD) as soon as it is realized.
 - Work between the hours of 6pm and 7am requires a variance from the noise control ordinance (issued by Cambridge License Commission) and must be planned in advance.
 - Weekend work requires approvals from DPW, CPD and Cambridge License Commission, and must be planned and approved in advance.
- Bidders should note required permits including
 - Variance from Cambridge License Commission for noise control ordinance.
 - Permit from MWRA for discharge of water relating to CIPP lining operation or root intrusion removal.
 - Work permit from CPD for weekend/holiday work.
- Contract requires significant effort by the Contractor to notify the public (residents, businesses) in advance of the work.
 - Detailed notices must be distributed door to door one week in advance.
- In person contact to businesses at least 24 hours in advance, and attempts to speak with residents between 5pm and 8pm Monday through Thursday at least 24 business hours in advance.
- DPW requires work plans and traffic management plans at least two weeks in advance of the work so these plans can be reviewed.

Pre-Bid Meeting Questions

- Question: The contract specifies that the city would remove and replace manhole cones, frames and covers at Contractor's expense. A quote for pricing purposes is requested.

City Response: Excavation for point or spot repairs required for existing pipe conditions, and/or to remove and replace manhole cones, frames and covers which are required to support the Contract work shall be conducted by the City at no additional cost to the Contractor. Any damage to the City's infrastructure that is caused by the Contractor and requires excavation shall be conducted by the City at the Contractor's expense. Any excavation required to remedy emergency situations resulting from the Contractor's work shall be conducted by the City at the Contractor's expense. Any necessary repairs that are the result of the Contractor's work and require excavation shall be conducted by the City at the Contractor's expense.

Technical Specifications page 00900-40 Item 230 Section 3.1(E) shall be replaced in its entirety with the following text:

The Owner shall remove and replace manhole cones, frames and covers as required to insert the CIPP. The Contractor shall include the requirements and proposed schedule in the work plan, and coordinate with the Owner as required by the Contract Documents.

- Question: For noncircular pipes, which dimension would determine the pay item? For example, a pipe that is 24" x 32".

City Response: For noncircular pipes, the larger dimension would determine the pay item. For the specific example given, Item 230.3 Cured-In-Place Pipe Lining. Pipe Size 30" to < 48" would be used as the pay item.

- Question: How will the lateral inspections being selected?

City Response: The lateral inspections shall be selected based on the inspection results reported by the Contractor. These inspections shall be from the main line (Item 210.1) unless not possible due to the pipe size. Lateral inspections from homes or buildings (Item 210.2) shall be conducted for larger pipe sizes. An estimated number of inspections has been provided for the bid price sheet.

- Question: For the larger diameter pipe, the inspections from the main may not be possible.

City Response: In these cases, Item 210.2 Inspection of Laterals from Homes or Buildings shall be used.

➤ Question: Will the city provide storage for debris?

City Response: The Contract Documents require the Contractor to procure and maintain a storage area for all waste and debris resulting from the Contractor's work at the Contractor's expense. Supplemental Condition 19 Storage of Equipment/Material, Page 00825-11 shall be replaced in its entirety with the following text:

19. STORAGE OF EQUIPMENT/MATERIALS/WASTE AND DEBRIS

The Contractor shall procure and maintain, at its own expense, a staging and storage area for construction materials and proper storage of all waste and debris generated by the Contractor's work. This area shall be within fifteen (15) miles of the Cambridge City limits. Work may not begin on this Contract until after the staging and storage area is identified and has been approved by the Owner.

No equipment shall be stored within the limit of the roadway or sidewalk without the permission of the Commissioner of Public Works.

The Contractor shall not store more material on site than will be used in one week. Any equipment or material stored on site shall be properly secured and located outside pedestrian or vehicular travel lanes.

The Contractor shall pay particular attention to ensuring that no equipment or materials is stored on private property abutting the City's right-of-way.

Technical Specifications, Page 00900-2, Item 100.1 Testing of Disposable Material, shall be replaced in its entirety with the following text:

The Contractor is responsible for securing a storage location and for providing appropriate storage containers for all waste generated by the Contractor's work. The Contractor shall conduct material testing for every 100 tons of disposable material collected. The Contractor shall inform the Owner when samples are being collected and submit the results of the testing to the Owner.

Payment for 100.1 shall be made per analysis for all required parameters for every 100 tons of disposable material tested. No payments shall be made until analytical results are received by the Owner. Payment includes all sampling, analysis and incidental costs necessary to prosecute the work.

Technical Specifications, Page 00900-2, Item 100.2 Disposal of Solid Waste, shall be replaced in its entirety with the following text:

Under the listed unit price for this Item, the Contractor shall provide all necessary equipment, labor, storage and material to load, transport, and dispose at an appropriately permitted, solid waste facility, all soil defined as a non-hazardous solid waste suitable for reuse as daily cover at an unlined Massachusetts Landfill (as defined in DEP Policy # COMM-97-001). The Contractor is responsible for securing a storage location and for providing appropriate storage containers for all waste generated by the Contractor's work.

Payment for 100.2 shall be on the basis of tons of waste actually disposed, as measured at the disposal facility by certified scale, and documented on the return manifest or certified weight slip and accompanied by the appropriate DEP BWSC Bill of Lading form. Completed documentation of disposal is required for payment.

Technical Specifications, Page 00900-2, Item 100.3 Disposal of Hazardous Waste, shall be replaced in its entirety with the following text:

Under the listed unit price, the Contractor shall provide all necessary equipment, labor, storage and materials to load, transport, and dispose at an approved RCRA-permitted facility, all soil and fill material defined as a hazardous waste (40 CFR 261 and 310 CMR 40.0006). The listed unit price shall constitute full payment for the work described and additional costs will be borne by the Contractor. The unit price also includes placing, grading and compacting the material as specified and shall include all fees, permits, and taxes. The Contractor is responsible for securing a storage location and for providing appropriate storage containers for all waste generated by the Contractor's work.

Payment for 100.3 shall be on the basis of tons of hazardous waste actually disposed, as measured at the disposal facility by certified scale, and documented on the return manifest. Completed documentation of disposal is required for payment.

- **Question:** For the manhole rehabilitation, it is difficult to price due to the bypass requirements. Manholes for pipe sizes greater than 12-inches can have significant flow to manage.

City Response: The pay items have been revised to include a separate item for manholes with pipe sizes of greater than 12-inches as shown in the table below:

Item	Quantity	Unit	Description
240.1	40	Each	Manhole Repairs (manholes for pipe sizes 12-inches or less)
240.2	10	Each	Manhole Repairs (manholes for pipe sizes greater than 12-inches)
240.3	300	Vertical Foot	Structural Cementitious Liner for Manhole Rehabilitation (manholes for pipe sizes 12-inches or less)
240.4	75	Vertical Foot	Structural Cementitious Liner for Manhole Rehabilitation (manholes for pipe sizes greater than 12-inches)
240.5	120	Vertical Foot	Structural Cementitious Liner and Epoxy Coating for Manhole Rehabilitation (manholes for pipe sizes 12-inches or less)
240.6	45	Vertical Foot	Structural Cementitious Liner and Epoxy Coating for Manhole Rehabilitation (manholes for sizes greater than 12-inches)

A new bid price sheet is included with this addendum in a separate packet of forms to be completed by bidders.

Technical Specifications, Page 00900-59, Item 240 Manhole Repair and Rehabilitation, Part 4 Compensation, shall be replaced in its entirety with the following text:

PART 4 – COMPENSATION

Payment for Manhole Repairs shall be based on the unit price bid for this item in the proposal. Under the Unit Price bid for this item, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals required to repair missing and broken brick and mortar at manhole walls, inverts, and floors. Bypass pumping and plugging or blocking of flow shall be considered incidental to the work and shall not be measured separately for payment. Measurement for payment shall be based on each manhole completed, cleaned, and inspected by the Owner. Separate bid items are included for manholes for pipe sizes of 12-inches or less, or greater than 12-inches.

240.1 Manhole Repairs (manholes for pipe sizes 12-inches or less) Each

240.2 Manhole Repairs (manholes for pipe sizes greater than 12-inches) Each

Payment for Structural Cementitious Liner for Manhole Rehabilitation shall be based on the Unit Price bid for this item. Separate bid items are included for manholes for pipe sizes of 12-inches or less, or greater than 12-inches, and for the coatings applied (cementitious coating only, or cementitious with epoxy coating). Measurement for payment for the shall be the actual vertical feet of manhole lined using a cementitious coating or a cementitious and epoxy coating, cleaned, inspected and tested as measured by the Owner from the invert of the manhole to the bottom of the frame and cover. Under the Unit Price bid for this item, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals required to grout and seal the manholes and apply a structural cementitious liner and corrosion-resistant epoxy barrier. Bypass pumping and plugging or blocking of flow, sealing all pipeline connections to manholes, repair of miscellaneous structural defects or filling of cracks, as required, prior to lining shall be considered incidental to the work and shall not be measured separately for payment.

240.3	<i>Structural Cementitious Liner for Manhole Rehabilitation (manholes for pipe sizes 12-inches or less)</i>	<i>Vertical Foot</i>
240.4	<i>Structural Cementitious Liner for Manhole Rehabilitation (manholes for pipe sizes greater than 12-inches)</i>	<i>Vertical Foot</i>
240.5	<i>Structural Cementitious Liner and Epoxy Coating for Manhole Rehabilitation (manholes for pipe sizes 12-inches or less)</i>	<i>Vertical Foot</i>
240.6	<i>Structural Cementitious Liner and Epoxy Coating for Manhole Rehabilitation (manholes for sizes greater than 12-inches:</i>	<i>Vertical Foot</i>

Special Notes on Exclusions:

All costs associated with the cleaning, heavy cleaning and inspections of pipes and manholes, including the CCTV work for pre-CIPP lining work, and the preparation of inspection and rehabilitation reports for pipes and manholes are not included under this pay item.

➤ **Question:** The manholes identified for rehabilitation on Main Street did not include the pipe shapes or dimensions.

City Response: The four manholes identified for rehabilitation on Main Street are sump manholes that are connected to a large drain pipe via a lateral with a diameter of 12-inches or less.

➤ Question: How will the manholes to be rehabilitated be selected?

City Response: Additional manholes shall be selected based on the inspection results reported by the Contractor. An estimated quantity of manholes to repair (Items 240.1 and 240.2) has been provided for the bid price sheet. An estimated quantity of vertical feet for applying cementitious coating (Items 240.3 and 240.4) and cementitious and epoxy coatings (Items 240.5 and 240.6) have been provided for the bid price sheet.

➤ Question: Are there locations requiring permits from MassDOT or DCR?

City Response: First Street south of Athenaeum Street is under the authority of the Department of Conservation of Recreation (DCR). The Contractor shall obtain the appropriate DCR permit to perform the work in this area as required by the Contract Documents.

FILE NO. 6847

FORM FOR GENERAL BID

To the Awarding Authority:

A. The undersigned proposes to furnish all labor and materials required for

**SEWER AND STORMWATER INFRASTRUCTURE 2015 TRENCHLESS
REHABILITATION PROGRAM
CAMBRIDGE, MA**

in accordance with the accompanying plans and specifications including all Labor and Materials, for the contract price specified below, subject to additions and deductions according to the terms of the specifications.

B. BID SUBMISSION REQUIREMENTS

C. This bid includes addenda numbered _____

D. There are 0 Bid Alternates. The basis of the award will be on price bid for the Base Bid.

The proposed contract price for the BASE BID

is _____ DOLLARS
(Amount in Words)

(\$ _____)
(Amount in Figures)

E. The subdivision of the proposed contract price is as follows: (All quantities are approximate)

All items must have a cost associated with it, an insertion of 0 (zero) will result of the bid being rejected.

- F. The undersigned agrees if selected as General Contractor, within seven working days after presentation thereof by the City, the Contractor will:
1. execute a contract in accordance with the terms of this general bid;
 2. furnish a performance bond and a labor and materials or payment bond;
 - a. of a surety company qualified to do business under the laws of the Commonwealth and satisfactory to the City;
 - b. in the sum of one hundred percent of the contract price;
 - c. premiums for each are to be paid by the General Contractor.
 3. provide an Insurance certificate specifying the City of Cambridge as **Additional Insured**, complying with the Insurance requirements set forth herein in the General Terms and Conditions of the contract, Article 8.

The City of Cambridge further requires that the General Contractor furnish the City with a copy of all insurance policies prior to or with the delivery of its signed Contract to the City.

- G. Bidder understands that the Owner reserves the right to reject any or all bids and to waive any minor informalities in the bidding prices.
- H. Total bid amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.
- I. The bidder hereby certifies it shall comply with the minority workforce ratios and specific action contained in the Cambridge Employment Plan, the Supplemental Equal Employment Opportunity Program and the Americans with Disabilities Act. The contractor receiving the award of the contract shall be required to obtain from each of its subcontractors and submit to the contracting or administering agency prior to the performance of any work under said contract a certification by said subcontractor, regardless of tier, that it will comply with same.
- J. The bidder agrees that this bid shall be good and may not be withdrawn for a period of 90 days after the scheduled closing time for receiving bids.
- K. The bid security attached in the sum of _____ (\$ _____) is to become the property of the Owner in the event the contract and bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the Owner caused thereby.
- L. The undersigned certifies that it possesses the skill, ability and integrity necessary for the faithful performance of the work; that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work; that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and who, where the provisions of section 8B of chapter 29 apply, shall have been determined to be qualified thereunder; and who obtains within 10 days of the notification of contract award the security by bond required under section 29 of chapter 149; provided that for the purposes of this section the term "security by bond" shall mean the bond of a surety company qualified to do business under the laws of the commonwealth and satisfactory to the awarding authority.

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the "person" shall mean any natural person, joint venture, business, partnership, corporation, or other business or legal entity.

“I certify under the penalties of perjury that I have complied with all of the laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting child support”.

The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provision of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

Date _____

(Name of General Bidder)

By _____
(Name of Person Signing Bid and Title)

(Print Name of Person Signing Bid and Title)

(Business Address)

(City and State)

(Contact Phone Number)

(Contact Email)

File No. 6847 Bid Price Sheet

Instructions:

- (1) Insert Unit Price
- (2) Multiply the Estimated Quantity by the Unit Price to calculate the Total Price
- (3) Add Total Price column to calculate the Total Bid Price

Item Number	Estimated Quantity	Unit	Description	(1) Unit Price	(2) Total Price
100.1	10	Each	Testing of Disposable Material (per analysis for all required parameters)		
100.2	500	Ton	Disposal of Solid Waste		
100.3	100	Ton	Disposal of Hazardous Materials		
100.4	1	Lump Sum	Mobilization (50 percent up front; balance paid out monthly once Contractor operational)		
100.5	1	Lump Sum	Traffic Control (paid out monthly once Contractor is operational)		
200.1	17,000	Linear Foot	Cleaning, Inspection and Report. Pipe Size 6" to < 15"		
200.2	5,400	Linear Foot	Cleaning, Inspection and Report. Pipe Size 15" to < 30"		
200.3	2,500	Linear Foot	Cleaning, Inspection and Report. Pipe Size 30" to < 48"		
200.4	500	Linear Foot	Cleaning, Inspection and Report. Pipe Size 48" to < 60"		
200.5	35	Each	Cleaning, Inspection and Report. Manhole		
200.6	1,700	Linear Foot	Heavy Cleaning, Pipe Size 6" to < 15"		
200.7	540	Linear Foot	Heavy Cleaning, Pipe Size 15" to < 30"		
200.8	250	Linear Foot	Heavy Cleaning, Pipe Size 30" to < 48"		
200.9	50	Linear Foot	Heavy Cleaning, Pipe Size 48" to < 60"		
210.1	100	Each	Inspection of Lateral Pipes from the Main Sewer		

File No. 6847 Bid Price Sheet

210.2	10	Each	Inspection of Laterals from Homes or Buildings		
220.1	75	Each	Removal of Protruding Laterals		
220.2	1,000	Linear Foot Treated	Root Intrusion Removal (MWRA permit required) (per actual linear feet of pipe segments)		
230.1	16,650	Linear Foot	Cured-In-Place Pipe Lining. Pipe Size 6" to < 15"		
230.2	5,150	Linear Foot	Cured-In-Place Pipe Lining. Pipe Size 15" to < 30"		
230.3	2,200	Linear Foot	Cured-In-Place Pipe Lining. Pipe Size 30" to < 48"		
230.4	400	Linear Foot	Cured-In-Place Pipe Lining. Pipe Size 48" to < 60"		
240.1	40	Each	Manhole Repairs (manholes for pipe sizes 12-inches or less)		
240.2	10	Each	Manhole Repairs (manholes for pipe sizes greater than 12-inches)		
240.3	300	Vertical Foot	Structural Cementitious Liner for Manhole Rehabilitation (manholes for pipe sizes 12-inches or less)		
240.4	75	Vertical Foot	Structural Cementitious Liner for Manhole Rehabilitation (manholes for pipe sizes greater than 12-inches)		
240.5	120	Vertical Foot	Structural Cementitious Liner and Epoxy Coating for Manhole Rehabilitation (manholes for pipe sizes 12-inches or less)		
240.6	45	Vertical Foot	Structural Cementitious Liner and Epoxy Coating for Manhole Rehabilitation (manholes for sizes greater than 12-inches)		
250.1	25	Per 24-Hour Day	Flow Bypass		

Total Bid Price		(3)
\$		

Total Bid Price (in Words)

Bidder's Name: _____
Revised Bid Package - Addendum No 2 00300-05

CITY OF CAMBRIDGE, MASSACHUSETTS

BID BOND

We, the undersigned _____ as Principal, and _____, as Surety, are hereby held and firmly bound unto the CITY OF CAMBRIDGE, a municipality in the County of Middlesex and Commonwealth of Massachusetts, in the penal sum of Dollars (\$_____), for the payment of which, well and truly to be made. We hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

The condition of the above obligation is such that the Principal has submitted to the City of Cambridge, Massachusetts, a certain Bid attached hereto and hereby made a part hereof for the Project described as SEWER AND STORMWATER INFRASTRUCTURE 2015 TRENCHLESS REHABILITATION PROGRAM

If the Principal fails to perform their agreement to execute a contract and furnish a performance bond and a labor and materials or payment bond as stated in their bid in accordance with the applicable state statute or fails in all other respects to perform the agreement created by the acceptance of said bid, their bid deposit shall become and be the property of the City of Cambridge as liquidated damages.

If said Bid shall be rejected because of death, disability, bona fide clerical or mechanical error of a substantial nature, or other similar unforeseen circumstances affecting the Principal, their bid bond shall be returned to them.

The Surety, for value received, hereby agrees that its obligations and its bond shall in no way be impaired or affected by an extension of the time in which the City of Cambridge may accept such bid and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and have caused this bond to be signed by their proper officers on this _____ day of _____ 20__.

CONTRACTOR AS PRINCIPAL

SURETY

(Signature)

(Signature)

Name and Title:

Name and Title:

SEAL

SEAL

MINORITY BUSINESS ENTERPRISE REQUIREMENTS

GENERAL

On June 30, 1983 the City of Cambridge put into effect a city wide Minority Business Enterprise (MBE) Program. To comply with the requirements of this program, a general contractor must submit the appropriate MBE Forms with its bid. The process is explained below. Failure to meet the requirements may result in automatic disqualification of the bidder. Upon request or upon its own initiative, the City may grant an extension of time for submission of the appropriate MBE Forms. Extensions shall be granted only upon a finding by the City that the bidder's failure to submit the appropriate MBE forms was excusable.

PROCEDURE

Steps you should take to comply with the City's MBE requirements are as follows:

1. Secure a copy of the Supplier Diversity Office (SDO), Certified Minority/Women Business Directory. Only MBE firms approved by SDO will be accepted by the City of Cambridge.
2. Attempt to develop a bid that includes at least ten percent (10%) of your total bid price in the form of work subcontracted to (or materials purchased from) one or more Minority Businesses.
3. To make the attempt to secure at least 10% Minority business participation, you (the General Contractor) must contact as many of the subcontractors or suppliers in the SDO directory as necessary. Please note that MBE FORM #3 - CONTRACT REQUEST-FOR-EXTENSION and MBE FORM #4 - INFORMATION ON UNSUCCESSFUL MBE CONTACT require you to provide a list of each firm contacted and other related information.
4. If you are successful in securing **10% or more** Minority Businesses participation, you must:
 - A. Complete and submit MBE FORM #1 CONTRACTOR CERTIFICATION OF COMPLIANCE.
 - B. Have your participating Minority Business each fill out MBE FORM #2 - LETTER OF INTENT TO PARTICIPATE, to be submitted with your bid.
5. If, after contacting all SDO-approved firms in the trades or materials categories you should include in your bid, you have not been able to secure 10% Minority business participation, then complete and submit with your bid MBE FORM#3 - CONTRACTOR REQUEST FOR EXTENSION and MBE FORM #4 - INFORMATION ON UNSUCCESSFUL MBE CONTRACT.
6. If you have any questions about the above steps, please call Duane Brown, Minority Business Compliance Officer, at 349-4331.

MINORITY BUSINESS ENTERPRISE PROGRAM
COMPLIANCE DETAILS

PERCENTAGE OF MBE PARTICIPATION - percentage of MBE participation shall be that percentage of the total bid price represented by the amount to be paid to MBE(s). The General Bidder's compliance with the percentage requirement shall continue to be determined by reference to the above-described method throughout the term of the contract, even though the actual may be greater or less than the bid price. The General Bidder shall submit to the Minority Business Compliance Officer signed copies of its subcontracts with all MBE's involved in meeting the percentage of Minority Business Enterprise Requirement.

ROLE of the MBE REVIEW COMMITTEE - The MBE Review Committee shall have referred to it by the Purchasing Agent and the Minority Business Compliance Officer all questions of interpretation of the MBE Program that arise during the Program's operation. The MBE Review Committee shall have the responsibility and authority to respond with binding answers to these questions. It also has the responsibility and authority to recommend to the City Manager whatever improvements it believes can be made in the program, based on operating experience.

CHANGES OF MBE STATUS - Any change or substitution of the officers or stockholders in a participating MBE company that reduces the minority ownership or control to less than the requisite percentage will immediately rescind the MBE designation previously given by SDO. The General Bidder (Prime Contractor) shall immediately notify the Minority Business Compliance Officer upon learning of such a change in MBE status. In this event, the Prime Contractor shall submit to the Minority Business Compliance Officer a revised Contractor Certification of Compliance with MBE Requirements, showing how the lost MBE participation will be replaced.

SANCTIONS

- A. If the Prime Contractor does not comply with the terms of the Minority Business Enterprise requirements of the contract, the City may (1) suspend any payment for the activity that should have been performed by the MBE pursuant to the contract, or (2) require specific performance of the Prime Contractor's obligation by requiring the Prime Contractor to sub contract with any MBE for any contract or specialty item at the contract price established for that item in the proposal submitted by the Prime Contractor.
- B. To the extent that the Prime Contractor has not Complied with the MBE requirements of the contract, the City may retain an amount determined by multiplying the bid price of this contract by the required percentage of MBE participation, less the amount of paid to MBEs for work performed under the contract and any payments already suspended under "A" above.
- C. In addition, or as an alternative, to the remedies under "A" and "B" above, the City may suspend, terminate, or cancel this contract, in whole or in part, or may call upon the Prime Contractor's surety to perform all terms and conditions in the contract, unless the Prime Contractor is able to demonstrate its compliance with the MBE requirements, and may further deny to the Prime Contractor the right to participate in any future contracts awarded by the City for a period of up to three years.
- D. In any proceeding involving the imposition of sanctions by the City, no sanctions shall be imposed if the City finds that the Prime Contractor has taken every possible measure to comply with MBE requirements, or that some other justifiable reason exists for waiving the MBE requirements in whole or part.

- E. Any bidder or contractor shall provide such information as is necessary in the judgment of the City to ascertain its compliance with the MBE Requirements.
- F. No sanctions shall be imposed by the City except in an adjudicatory proceeding under Chapter 30A of the General Laws.
- G Prime Contractor shall have the right to request suspension of any sanctions imposed by the City upon showing that it is once again in compliance with the MBE Requirements.

CONTRACTOR CERTIFICATION OF COMPLIANCE
Minority Business Enterprise Requirements

FORM
1
M.B.E.

Name & Address of Participating Minority Bus. Enterprises	Name of Participant	Dollar Value of Participation
--	---------------------	-------------------------------

1.

2.

3.

4.

5.

6.

7. GRAND TOTAL FOR MINORITY BUSINESS COMMITMENT \$ _____

8. PERCENTAGE MBE PARTICIPATION (Line 7 Divided by tot. bid price) _____%

The below-signed bidder certifies that it will honor the above Minority Business Enterprise Commitment and that it understands that a breach of this commitment constitutes a breach of the contract.

Date

General Contractor

Authorized Signature

Business Address

**FORM
LETTER OF INTENT TO PARTICIPATE
Minority Business Enterprise Requirements**

2
M.B.E.

TO: _____
(Name of General Bidder)

1. My company intends to perform work under the above-identified contract as:
 _____ an individual
 _____ a partnership
 _____ a corporation
 _____ a joint venture with _____
 _____ other (explain) _____

2. My company has been certified by the Supplier Diversity Office (SDO), as a Minority Business Enterprise and is listed as such in the most recently issued SDO Minority/Women Business Directory. I hereby certify that my company's qualification as a Minority Business Enterprise have not changed since its application was submitted to SDO. I further certify that my company will give immediate notification in writing to both SDO and your Company in the event that its minority ownership, control, or management should change.

3. My company understands that if your company is awarded the contract, your company intends to enter into an agreement with my company to perform the activity described below for the prices indicated. My firm also understands that your firm, as General Bidder, will make substitutions and quantity changes only as allowed or required by the provisions of the contract with the City of Cambridge.

ITEM NO	DESCRIPTION OF MY COMPANY'S ACTIVITY*	QUANTIT Y	UNIT PRICE	AMOUNT

TOTAL AMOUNT\$ _____

* Description of Activity should include notations such as "Labor Only", "Material Only", etc.

Date

General Contractor

Authorized Signature

Business Address

**FORM
CONTRACTOR REQUEST FOR EXTENSION
Minority Business Enterprise Requirements**

3
M.B.E.

CONTRACTOR REQUEST-FOR-EXTENSION OF MINORITY BUSINESS ENTERPRISE
REQUIREMENTS

The below-signed General Bidder certifies that it made a good faith effort to develop the required **10 %** Minority Business Enterprise participation in this contract, but was able to develop only _____ %.

The below-signed General Bidder further certifies that it contacted the below-listed firms from the SDO MINORITY/WOMEN BUSINESS DIRECTORY supplied by the City of Cambridge Purchasing Department with the Bidding Documents; that said contracts were bona fide efforts to develop the required Minority Business Enterprise participation in the above-identified contract but were unsuccessful due to circumstances beyond the control of the General Bidder; and that the information given on the following pages about each contract has made is accurate and complete.

MBE Companies Contacted

- | | |
|-----------|-----------|
| 1. _____ | 11. _____ |
| 2. _____ | 12. _____ |
| 3. _____ | 13. _____ |
| 4. _____ | 14. _____ |
| 5. _____ | 15. _____ |
| 6. _____ | 16. _____ |
| 7. _____ | 17. _____ |
| 8. _____ | 18. _____ |
| 9. _____ | 19. _____ |
| 10. _____ | 20. _____ |

The below-signed General Bidder therefore requests that the City of Cambridge grant an extension of ten working days in order to provide the General Bidder and opportunity to secure the required percentage of Minority Business participation.

Date

General Contractor

Authorized Signature

Business Address

INFORMATION ON UNSUCCESSFUL MBE CONTACT
Minority Business Enterprise Requirements

FORM

4
M.B.E.

Additional copies of this information form shall be prepared by the General Bidder in the quantity necessary to comply with bidding requirements.

ITEM NO. ON REQUEST-FOR-EXTENSION _____

NAME OF MBE COMPANY CONTACTED _____

ADDRESS OF " " _____

TELEPHONE NO. " " _____

DATE OF INITIAL CONTACT _____

HOW WAS CONTACT MADE? (Check appropriate answer) TELEPHONE _____ IN PERSON _____

SUB-CONTRACT WORK OFFERED TO THIS MBE COMPANY _____

RESULT OF CONTACT (Check appropriate answer) MBE FIRM DECLINED JOB _____;
MBE FIRM OFFERED TO DO JOB AT PRICE OF \$ _____, WHICH WAS DETERMINED
BY OUR COMPANY TO BE TOO HIGH _____; MBE COMPANY OFFERED TO DO THE JOB AT A
PRICE OF \$ _____, WHICH WAS SATISFACTORY, BUT THE MBE COMPANY WAS
JUDGED BY OUR COMPANY TO BE UNQUALIFIED FOR THE JOB _____.

NAME AND TITLE OF THE MBE COMPANY OFFICER WHO CAN VERIFY ABOVE
INFORMATION AS TO MBE COMPANY'S RESPONSE

It is certified herewith by the below-signed officer of the General Bidder that the above information is accurate and complete.

Date

General Contractor

Authorized Signature

Business Address

NOTARIZED STATEMENT OF BIDDER'S QUALIFICATIONS

All questions must be answered and the data given must be clear and comprehensive. Bidders must meet or exceed the qualifications in **00900 Technical Specifications**.

This form must be used. **This statement must be notarized.** If necessary, questions may be answered on separate attached sheets. The Bidder may submit any additional information it desires.

1. The names, titles, and residences of all persons and parties interested in this Proposal as principals are as follows:

Note: Give the first and last names in full. In the case of corporation, give names of officers and directors; in the case of a partnership, give names of all partners.

IMPORTANT: Be sure residences are listed below.

Name	Title	Home Address

2. When organized.

3. If a corporation, where incorporated.

4. How many years have you been engaged in the **trenchless pipe rehabilitation** business under your present firm or trade name?

5. How many years have you been engaged in the **manhole rehabilitation** business under your present firm or trade name?

6. What is the general nature of work normally performed by your company?

7. Has your present organization ever failed to complete any work awarded to it? If so, state when, where, and why.

8. Has your present organization ever defaulted on a contract? If so, state when, where, and why.

9. Qualification Requirements – As a minimum, the Bidder must demonstrate that it is qualified to bid on this Contract by adequately providing responses to the following qualification requirements:

9A. The Bidder shall refer to the qualifications specified in **00900 Technical Specifications Item 230 Trenchless Pipe Rehabilitation by Cure-In-Place Pipe Lining.**

Project #9A-1:

Project Name: _____

Start Date: _____ Completion Date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Location of work:

Description of work performed that demonstrates that the above requirements have been fulfilled:

Project #9A-2:

Project Name: _____

Start Date: _____ Completion date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Location of work:

Description of work performed that demonstrates that the above requirements have been fulfilled:

Project #9A-3:

Project Name: _____

Start Date: _____ Completion date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Location of work:

Description of work performed that demonstrates that the above requirements have been fulfilled:

9B. The Bidder shall refer to the qualifications specified in **00900 Technical Specifications Item 240 Manhole Repair and Rehabilitation**

Project #9B-1:

Project Name: _____

Start Date: _____ Completion Date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Location of work:

Description of work performed that demonstrates that the above requirements have been fulfilled:

Project #9B-2:

Project Name: _____

Start Date: _____ Completion date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Location of work:

Description of work performed that demonstrates that the above requirements have been fulfilled:

Project #9B-3:

Project Name: _____

Start Date: _____ Completion date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Location of work:

Description of work performed that demonstrates that the above requirements have been fulfilled:

- 9C. Within the last 5 years, the Bidder must have successfully completed lateral inspections, protruding lateral and root removal in similar gravity sewer and stormwater systems using an internal method. The Bidder shall refer to the qualifications specified in **00900 Technical Specifications Item 210 Inspection of Laterals** and **Item 220 Removal of Protruding Laterals and Roots**.

Project #9B-1:

Project Name: _____

Start Date: _____ Completion date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Location of work:

Description of work performed that demonstrates that the above requirements have been fulfilled:

Project #9C-2:

Project Name: _____

Start Date: _____ Completion date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Location of work:

Description of work performed that demonstrates that the above requirements have been fulfilled:

Project #9C-3:

Project Name: _____

Start Date: _____ Completion date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Location of work:

Description of work performed that demonstrates that the above requirements have been fulfilled:

9D. What project, most similar to the proposed Contract, has your present organization successfully completed? Please provide the following information:

Project #9C-1:

Project Name: _____

Start Date: _____ Completion date: _____

Name and address of Owner for whom the work was done:

Name of Owner's Representative (for Reference): _____

Owner's Representative's Current Telephone #: _____

Dollar Value of Contract: _____

Was work being performed as contractor or sub-contractor?: _____

Description of work performed that demonstrates the similarity of the project to the proposed Contract:

10. List all projects for which your organization has received a Notice of Intent to Award or a Notice to Proceed and that your organization expects to perform during Years 2015-2016. Rank the list according to decreasing dollar value of work to be done in Years 2015-2016. On the following “TABLE OF PROJECTED WORK LOAD”, indicate the first 10 projects from that list and provide information on the name of the project, the type of project, owner of project, dollar value of work, and the estimated completion date. Under Project No. 11 in the following TABLE, indicate the number of projects and the sum of the dollar value of work that you expect to perform in Years 2015-2016 for all the remaining projects in the list.

BIDDER PROJECTED WORK LOAD

Project #	Name and Type of Project	Project Owner	Dollar Value of Work to be completed in 2015-2016	Estimated Project Completion Date
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11	Total Remaining Projects:		Total Value of Remaining Projects:	

11. Background and experience of the principal member of your organization, including the officers.

12. Who will be the contractor's on site project manager? State such person's qualifications. Also list names of employees who will be participating in this contract and their qualifications (years of experience, etc.).

13. Give below the name and address of one or more banks which have information that would enable them to advise regarding the financial ability of your company.

Name of Bank

Address

14. Federal Identification Number and Dun and Bradstreet Number

15. Name, Signature, and Title of officer preparing this proposal.

Name _____

Signature _____

Title _____

16. The undersigned hereby authorizes and requests any person, firm or corporation to furnish any information requested by the Cambridge Department of Public Works in verification of the recitals comprising this Statement of Bidder's Qualifications.

Dated at _____ this _____ day of _____, 20____

(Signature)

Tel. No. _____

BY _____

Title _____

State of _____)

County of _____)

as:

_____, being duly sworn,

deposes and says that he is _____ of

(Name of Organization)

and that the answers to the foregoing questions and all statements therein contained are true and correct.

Subscribed and sworn to before me this _____ day of _____,
20_____

(Notary Public)

My commission expires _____, 20____

General Contractor's Certification

A contractor will not be eligible for award of a contract unless such contractor has submitted the following certification, which is deemed a part of the resulting contract:

GENERAL CONTRACTOR'S
CERTIFICATION

_____ certifies that:
(General Contractor)

1. it shall obtain from each of its subcontractors and submit to the contracting or administering agency prior to the performance of any work under said subcontract a certification by each subcontractor, regardless of tier, that it will comply with the minority/women/resident workforce ratio;
2. it read, understands and shall comply with the Minority/Women/Resident hiring requirements set forth in the Cambridge Employment Plan, Cambridge Municipal Code §2.66.060, et seq.;
3. it is aware that failure to comply with the Cambridge Employment Plan will result in, at minimum, the following: 1) it will be ineligible to bid for future contracts with the City of Cambridge and 2) the City of Cambridge will notify DCAM of such failure which may affect the contractor's future qualification to bid for public contracts throughout the commonwealth.
4. it has read, understands and shall comply with all the pertinent provisions of the Americans with Disabilities Act and will be subject to sanctions for failure to do so.
5. it has read, understands and shall comply with all the provisions of the Supplemental Equal Employment Opportunity Anti-Discrimination and Affirmative Action Program and will be subject to sanctions for failure to do so.

Signed under the penalties of perjury:

Signature of authorized representative of contractor

Print name of authorized representative of contractor

Dated: _____

**Chapter 306 of the Acts of 2004
An Act Relative to the Health and Safety on Construction Projects**

GENERAL CONTRACTOR'S CERTIFICATION - BID FORM

_____ (Name of General Bidder) hereby certifies that it,
and all its subcontractors who are not filed subbidders shall:

(1) who shall certify that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is a least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee.

Signed under the penalties of perjury. _____(date)

Signature of authorized representative of contractor

Print name of authorized representative of contractor

RETURN THIS FORM WITH YOUR BID

CAMBRIDGE RESPONSIBLE EMPLOYER PLAN

GENERAL CONTRACTOR'S CERTIFICATION - BID FORM

_____ hereby certifies that it, (Name of General Bidder) and all its subcontractors who are not filed subbidders shall:

(1) comply with the Cambridge Employment Plan as it currently exists and as it may be, from time to time, amended, and specifically shall comply with the worker hours requirements of §2.66.060(A);

(2) comply with the obligations established under M.G.L. c.149 and G.L. c30§39M to pay the appropriate lawful prevailing wage rates to its employees;

~~(3) maintain or participate in a bona fide apprentice training program as defined by c.23 §§ 11H and 11I for each apprenticeship trade or occupation represented in its workforce that is approved by the Division of Apprentice Training of the Department of Labor and Industries and shall abide by the apprentice to journeymen ratio for each trade prescribed therein in the performance of the contract;~~

(4) furnish, at its expense, hospitalization and medical benefits for all its employees employed on the project and/or coverage at least comparable in value to the hospitalization and medical benefits provided by the health and welfare plans in the applicable craft recognized by M.G.L. c.149, §26 and G.L. c30§39M in establishing minimum wage rates;

(5) maintain appropriate industrial accident insurance coverage for all its employees employed on the project in accordance with M.G.L. c.152;

(6) properly classify employees as employees rather than independent contractors and treat them accordingly for purposes of workers' compensation insurance, unemployment taxes, social security taxes and income tax withholding; and

(7) certify under oath and in writing on a weekly basis for the entire duration of its work on the project, that it is in compliance with the above obligations.

Signed under the penalties of perjury. _____(date)

Signature of authorized representative of contractor

Print name of authorized representative of contractor

THIS CERTIFICATE APPLIES ONLY TO GENERAL BIDS OVER \$100,000 INCLUDING ALL ALTERNATES, IF ANY.

RETURN THIS FORM WITH YOUR BID

CAMBRIDGE RESPONSIBLE EMPLOYER PLAN

NON-FILED SUB-CONTRACTOR'S CERTIFICATION - BID FORM

_____ hereby certifies that it shall:
(Name of Sub-Contractor)

- (1) comply with the Cambridge Employment Plan as it currently exists and as it may be, from time to time, amended, and specifically shall comply with the worker hours requirements of §2.66.060(A);
- (2) comply with the obligations established under M.G.L. c.149 and G.L. c30§39M to pay the appropriate lawful prevailing wage rates to its employees;
- ~~(3) maintain or participate in a bona fide apprentice training program as defined by c.23 §§ 11H and 11I for each apprenticeship trade or occupation represented in its workforce that is approved by the Division of Apprentice Training of the Department of Labor and Industries and shall abide by the apprentice to journeymen ratio for each trade prescribed therein in the performance of the contract;~~
- (4) furnish, at its expense, hospitalization and medical benefits for all its employees employed on the project and/or coverage at least comparable in value to the hospitalization and medical benefits provided by the health and welfare plans in the applicable craft recognized by M.G.L. c.149, §26 and G.L. c30§39M in establishing minimum wage rates;
- (5) maintain appropriate industrial accident insurance coverage for all its employees employed on the project in accordance with M.G.L. c.152;
- (6) properly classify employees as employees rather than independent contractors and treat them accordingly for purposes of workers' compensation insurance, unemployment taxes, social security taxes and income tax withholding; and
- (7) certify under oath and in writing on a weekly basis for the entire duration of its work on the project, that it is in compliance with the above obligations.

Signed under the penalties of perjury. _____(date)

Signature of authorized representative of contractor

Print name of authorized representative of contractor

THIS CERTIFICATE APPLIES ONLY TO SUB-BIDS OVER \$25,000 INCLUDING ALL ALTERNATES, IF ANY.

RETURN THIS FORM WITH YOUR BID

CORI COMPLIANCE FORM

Persons and businesses supplying goods and/or services to the City of Cambridge (“Vendors”), who are required by law to perform CORI checks, are further required by Section 2.112.060 of the Cambridge Municipal Code to employ fair policies, practices and standards relating to the screening and identification of persons with criminal backgrounds through the CORI system. Such Vendors, when entering into contracts with the City of Cambridge, must affirm that their policies, practices and standards regarding CORI information are consistent with the policies, practices and standards employed by the City of Cambridge as set forth in the City of Cambridge CORI Policy (“CORI Policy”) attached hereto.

CERTIFICATION

The undersigned certifies under penalties of perjury that the Vendor employs CORI related policies, practices and standards that are consistent with the provisions of the attached CORI Policy. **All Vendors must check one of the three lines below.**

1. _____ CORI checks are not performed on any Applicants.
2. _____ CORI checks are performed on some or all Applicants. The Vendor, by affixing a signature below, affirms under penalties of perjury that its CORI policies, practices and standards are consistent with the policies, practices and standards set forth in the attached CORI Policy.
3. _____ CORI checks are performed on some or all Applicants. The Vendor’s CORI policies, practices and standards are not consistent with the attached CORI Policy. Please explain on a separate sheet of paper.

(Typed or printed name of person
signing quotation, bid or Proposal)

Signature

(Name of Business)

NOTE:

The City Manager, in his sole discretion may grant a waiver to any Vendor on a contract by contract basis.

Instructions for Completing CORI Compliance Form:

A Vendor should not check Line 1 unless it performs NO CORI checks on ANY applicant. A Vendor who checks Line 2 certifies that the Vendor’s CORI policy conforms to the policies, practices and standards set forth in the City’s CORI Policy. A Vendor with a CORI policy that does NOT conform to the City’s CORI Policy must check Line 3 and explain the reasons for its nonconformance in writing. Vendors, who check Line 3, will not be permitted to enter into contracts with the City, absent a waiver by the City Manager.

**Americans With Disabilities Act (42 U.S.C. 12131)
Section 504 of the Rehabilitation Act of 1973
Tax Compliance/Anti-Collusion Statement
Debarment Statement**

The Americans with Disabilities Act (the "Act") applies to all employers of fifteen or more employees. All vendors that are subject to the Act must comply with its provisions. In further compliance with the Act, all Contractors who enter into contracts with the City are prohibited from discrimination against the City's employees, regardless of the size of the Contractor.

The Act protects against discrimination on the basis of "disability", which is defined as a physical or mental impairment that substantially limits at least one "major life activity"; discrimination against a person having a history or record of such impairment; and discrimination against an individual regarded - even if inaccurately - as having such an impairment. The Act also expressly prohibits discrimination that is based on an individual's relationship or association with a disabled person.

The Contractor shall not discriminate against any qualified employee or job applicant with a disability and will make the activities, programs and services covered by any contract awarded through this procurement readily accessible to and usable by individuals with disabilities. To be qualified for a job, or to avail oneself of the Contractor's services, the individual with the disability must meet the essential eligibility requirements for receipt of the Contractor's services or participation in the Contractor's programs or activities with or without: 1) reasonable modifications to the Contractor's rules, policies and practices; 2) removal of architectural, communication, or transportation barriers; or, 3) provisions of auxiliary aids and services.

By submitting its contract, the Contractor certifies to the City of Cambridge that it understands and will comply with all applicable provisions of the Act, including compliance with applicable provisions of Section 504 of the Rehabilitation Act of 1973, if the Contractor is receiving federal funds.

The undersigned certifies under penalties of perjury that this contract has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals

As required by M.G.L. c. 62C, §49A, the undersigned certifies under the penalties of perjury that the Contractor has complied with all laws of the commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

The undersigned certifies that it is not currently subject to any State or Federal debarment order.

Date: _____

(Print Name of person signing bid)

(Signature & Title)

This form must be submitted with your bid

SECTION 00325

MASSACHUSETTS DIESEL RETROFIT PROGRAM STATEMENT OF INTENT TO COMPLY

The Department of Environmental Protection has developed the Massachusetts Diesel Retrofit Program (MDRP) in response to increasing health concerns with the emissions from diesels engines and vehicles. To control these emissions, the MADRP has identified oxidation catalyst retrofits as the control technology of choice. These retrofits consist of either an in-line replacement engine muffler system or an add-on control device. Compliance with the MDRP is technology based, such that installation of an EPA-certified (or equivalent) control device will constitute full compliance.

Statement of Intent to Comply

This form must be signed and submitted by the Bidder as part of the bid.

Local Governmental Unit : City of Cambridge Public Works

SRF Project No. :

Contract No. :

Contract Title : Sewer and Stormwater Infrastructure 2015 Trenchless Rehabilitation

Bidder : _____

The undersigned, on behalf of the above-named Bidder, agrees that, if awarded the contract, the Bidder will comply with the Massachusetts Diesel Retrofit Program (MDRP) by having all of the off-road (non-registered) diesel vehicles/equipment used on the Contract equipped with, or retrofitted with, after-engine emission controls that are EPA certified or equivalent.

Signed under penalties of perjury.

Signature of authorized representative of contractor

Print name of authorized representative of contractor

Date

MASSACHUSETTS DIESEL RETROFIT
PROGRAM STATEMENT OF INTENT TO COMPLY
00325-1