

INVITATION TO BID

The City of Cambridge, Massachusetts, the Awarding Authority, invites sealed bids for the project: City of Cambridge, Massachusetts – Concord Ave Neighborhood (Contract 9) Sewer Separation and Surface Improvements Project.

Nature and scope of work

The project area includes Concord Ave between Fresh Pond Parkway and Huron Avenue, Alpine Street and Chilton St between Vassal Lane and Field Street, Fayerweather Street between Saville Street and Field Street, Birch Street, Fern Street, Baystate Road, Field Street, Corporal Burns Road, Hazel Street, Ivy Street, Copley Street, Garden Street between Field Street and Walden Street, Saville Street between Fayerweather Street and Walden Street, Walden Street between Concord Ave and Garden Street, and some work within existing structures at the Concord Ave rotary.

The major components of work under Milestone 1- Concord Ave Neighborhood Sewer Separation and Stormwater Management Subsurface Infrastructure Work (see below) to be performed include, but are not limited to the following:

- A. Sewer separation and stormwater components of the work for Concord Ave Neighborhood (Contract 9) include, but are not limited to, the separation of approximately 25,000-lf of combined sewer in the CAM004 tributary area by replacement, rehabilitation, or addition of (Reinforced Concrete Pipe) RCP, (Polyvinyl Chloride) PVC, and (Ductile Iron) storm and sewer pipe between the sizes of 8-inches in diameter to 48-inches in diameter and associated manholes; replacement and addition of approximately 113 catch basins with hoods and 6-foot sumps; the removal of illicit service and inflow connections; and private inflow removal work for 31 of the buildings within the project area, and coordination with gas, electric, telecom, MBTA, and water companies for relocations and support of existing infrastructure during construction necessary to complete this work.
- B. Upon completion of sewer separation in the Concord project area, a weir and hydroslide at the intersection of Concord Ave and Birch Street shall be abandoned under Milestone 1.
- C. This sewer separation project is the last phase of the CAM 004 system. The Huron A (8A) Sewer Separation and Huron B (8B) Sewer Separation Projects are ongoing. Upon completion of the ongoing Huron A and Huron B Contract sewer separation efforts, weir and hydroslides at Lexington Ave near Worthington Street and Lakeview Ave near Fresh Pond Parkway require removal under the Concord Ave Milestone 1.
- D. At the completion of the Huron A, Huron B, and Concord Contract sewer separation efforts, modifications to the Bending Weir Structure, modifications to Drain Vault 5, and abandonment of an MWRA sewer located at the Fresh

Pond Rotary and on Wheeler Street shall be completed under Milestone 1.

The major components of work under Milestone 2- Concord Ave Neighborhood Subsurface Non-Sewer Separation and Non-Stormwater Management Related Subsurface Infrastructure and Concord Ave Neighborhood Surface Work to be performed include, but are not limited to the following:

- A. Additional utility enhancements including the replacement and rehabilitation of approximately 9,700-lf of water main ranging in sizes between 6-inches and 20-inches in diameter and replacement of related fittings, valves, hydrants, and services, where these mains and appurtenances were not already replaced due to conflicts with the work in Milestone 1.
- B. Surface restoration components of work for Concord Ave Neighborhood (Contract 9) include, but are not limited to, roadway restoration of approximately 13,500-lf of roadway and sidewalks conforming to the latest MA AAB and ADA rules and regulations; full depth roadway construction; asphalt excavation by cold planer; pavement overlay; granite curbing; concrete sidewalk reconstruction; the installation of curb extensions and raised crosswalks for pedestrian safety and traffic calming; the installation of a raised multi-use path on Fern Street and other bicycle facility improvements within the project area; art coordination on Fern Street; relocation and consolidation of bus stop locations along Concord Ave; installation of a new park entrance to Danehy Park at the intersection of Garden Street and Hazel Street; and traffic signal upgrades at the intersections of Concord Ave and Alpine Street, Concord Ave and Walden Street, Concord Ave and Huron Ave, and Walden Street and Garden Street.
- C. Water quality system enhancements include, but are not limited to, the installation of approximately 4,900-lf of porous pavement and a 6-inch PVC underdrain along the gutter of roadways; installation of planting areas throughout the project area and one biobasin, at the intersection of Field Street and Fayerweather Street; and the installation of approximately 100 additional street trees with tree pits and trees on private property.

Bidding procedures shall be accordance with M.G.L. c. 30, §39M, as most recently amended, and all other applicable laws.

The estimated project value is: \$27.5 million dollars.

All work for the Milestone 1- Concord Ave Neighborhood Sewer Separation and Stormwater Management Subsurface Infrastructure Work shall be completed by December 31, 2015.

All work for the Milestone 2- Concord Ave Neighborhood Subsurface Non-Sewer Separation and Non-Stormwater Management Related Subsurface Infrastructure and Concord Ave Neighborhood Surface Work shall be completed within 907 calendar days from the date in the "Notice to Proceed". Milestone requirements are described in Specification Section 00200 Invitation to Bid.

Plans and specifications will be available from 8:30 a.m. to 8:00 p.m. on Mondays, 8:30 a.m. to 5:00 p.m. Tuesday through Thursday and 8:30 a.m. to Noon on Fridays, at the Purchasing Department, City Hall, 795 Massachusetts Avenue, Room 303, Cambridge, MA 02139 from Wednesday, October 30, 2013 upon payment of a refundable fee of \$150.00 for each set in the form of a check made payable to the City of Cambridge. For the mailing of the plans and specifications, the bidder must prepay a mailing and handling fee of \$25.00 per set. NO PARTIAL SETS WILL BE DISTRIBUTED.

The contract documents may be examined at the Office of the Purchasing Agent, Room 303, City Hall, 795 Massachusetts Avenue, Cambridge, MA 02139 from 8:30 a.m. to 8:00 p.m. on Mondays, 8:30 a.m. to 5:00 p.m. Tuesday through Thursday and 8:30 a.m. to Noon on Fridays.

Sealed bids will be received at the Purchasing Department, City Hall, 795 Massachusetts Avenue, Room 303, Cambridge, MA 02139 until Thursday, December 5, 2013 at 2:00 PM at which time all general bids will be publicly opened and read aloud.

An original and one copy of the bid forms must be submitted.

All questions must be faxed not later than 2:00pm Tuesday, November 19, 2013 to the City of Cambridge Purchasing Department fax# 617-349-4008.

All general bids shall be accompanied by a bid deposit in the form of a certified, cashier's or treasurer's check (**NO CASH**) issued by a responsible bank or trust company made payable to the City of Cambridge or a bid bond, in an amount not less than five percent (5%) of the value of the bid.

The successful bidder will be required to furnish a Performance Bond and a Labor and Material (Payment) Bond each in the amount of one hundred percent (100%) of the contract sum. Bonds shall be obtained from a surety licensed to do business in the Commonwealth of Massachusetts and the form shall be satisfactory to the City of Cambridge.

This project is being funded in part by the Massachusetts Water Pollution Abatement Trust (the "Trust").

The project requires compliance with the Department of Environmental Protection's Diesel Retrofit Program by use of after-engine emission controls that are EPA certified, or their equivalent, on all of the off-road (non-registered) diesel vehicles/equipment used at the job site.

The City of Cambridge reserves the right to reject any or all general bids if it is in the public interest to do so.

Prevailing Wage Rates as determined by the Commissioner of Department of Workforce Development under the provision of the Massachusetts General Laws, Chapter 149, Sections 26 to 27D, as amended, apply to this project. It is the responsibility of the contractor, before bid opening, to request if necessary, any additional information on Prevailing Wage Rates for those trades people who may be employed for the proposed work under this contract. Federal

Minimum Wage Rates as determined by the United States Department of Labor under the Davis-Bacon Act also apply to this project.

Disadvantaged Business Enterprise (DBE) goals are applicable to the total dollars paid to the construction contract. The goals for this project are a minimum of **3.40 percent D/MBE participation and 3.80 percent D/WBE participation** by certified DBEs. The bidders shall submit completed DBE forms (EEO-DEP-190 & EEO-DEP-191) with their bid. Failure to comply with the requirements of this paragraph may be deemed to render a proposal non-responsive. No waiver of any provision of this section will be granted unless approved by the Department of Environmental Protection (MassDEP).

Attention is called to the following programs and ordinances of the City of Cambridge:

1. Minority Business Enterprise Program;
2. Cambridge Employment Plan: minority/women/resident hiring ordinance.
3. Cambridge Responsible Employer Plan
4. Living Wage Ordinance
5. Occupational Safety and Health Administration (OSHA)
6. CORI City Policy

Copies of the above are bound in the bid documents and are fully integral portions of the conditions of the contract with which each contractor and sub-contractor must comply.

A pre-bid conference for all bidders will be held as follows:

Date: November 14, 2013
Time: 11:00 am
Place: Cambridge Department of Public Works
147 Hampshire Street, Cambridge, Massachusetts 02139

Cynthia H. Griffin
Purchasing Agent