

# Forest Ave. Improvement Project

## **Pre-Bid Meeting Minutes**

**May 21, 2013**

1:30 p.m. @ 4<sup>th</sup> Floor Conference Room, City Hall

### I. Introductions

### II. Addendum Items

- a. Addendum # 1 is issued for this project on 5/23/13.

### III. General

Project Overview – reconstruction of Forest Ave. between S. University. and Hill St. including replacement of HMA pavement, sand subbase, aggregate base, curb, and storm sewer, installation of the storm water management system, replacement of approx. 600 feet of 12-inch Class 50 DIP water main, permanent pavement markings and all related work.

- a. Standard Specifications and Detailed Specifications

#### 1. Project Schedule & Payment

Bid Opening – May 31, 2013

Starting Date – August, 2013

Completion Date – October 31, 2013

Contractor will be allowed 15 calendar days to install water main and perform chlorination and pressure testing. Liquidated damages will apply if this work is not completed on time. Contractor will be allowed until Oct. 31, 2013 to complete the entire project including water main, storm water management system, all connections, resurfacing and restoration work. Liquidated damages will apply if this work is not completed on time.

Special requirements related to Students Move-In:

**Beginning on August 15, 2013, the Contractor shall be required to demobilize from the project site; remove all equipment, materials, and traffic control devices; and perform any temporary paving, restoration, and pavement markings in order to fully open the area to vehicular and pedestrian traffic to the satisfaction of the Engineer. The Contractor may then resume construction activities on or after September 3, 2013. Any costs associated with down time, demobilizing/remobilizing, temporary paving or restoration, temporary pavement markings, and removal/replacement of traffic control devices required due to the start of University of Michigan's Fall academic year shall be included in contract pay item "Item No 202, General Conditions," and it will not be paid for separately.**

#### 2. General Conditions

Contractor must allow the local delivery and access to driveways for residents and businesses.

Contractor must maintain vehicular access to/from parking structure at all times.

Pedestrian access must be maintained

Hours of work: 7:00 a.m. to 8:00 p.m. Monday thru Saturday (Sundays with permission)

3. Water Main Installation & Testing

Bacteriological testing will be done in the City of Ann Arbor WTP at no charge. There will be no charge for water used for testing, but contractor will have to get a meter from City of Ann Arbor Field Services.

The testing corporations will be installed by the City of Ann Arbor Field Services Department. Contractor is responsible for fees.

4. Addition of 3" conduit and handholes.

5. Detailed Specifications for the Subgrade Undercutting, concrete sidewalk pay items at Transformer Park and some other items were discussed. The revised Bid Forms and Detailed Specifications will be included in Addendum.

IV. Construction

a. Construction area

Special characteristics and challenges of this project were discussed.

b. Paving – existing surface will be removed as indicated on the plans per pay item Machine Grading Modified. The removal of the existing surface over the proposed water main trench will be paid for as Machine Grading Modified. The new gravel and pavement will be paid for as separate pay items.

c. Maintenance of Traffic and Construction Sequence for Forest Ave.

The traffic on Forest Ave. will be closed and traffic will be detoured except for the local traffic which is to be maintained at all times during construction. Contractor will have to follow the construction sequence detailed on the plans and in contract documents. The revised traffic maintenance plans will be included in Addendum.

V. Other Items/Clarifications

a. The Engineer's Estimate for the project is \$900,000.

b. Contractor will be responsible for filling out Lane Closure permit(s) and Permit(s) to Reserve Parking, however fees will be waived. Contractor would have to contact Republic parking or U of M to purchase mete bags. This cost is responsibility of the contractor.

c. The City will be responsible for hiring a testing company for the project to perform soil & asphalt density testing, concrete testing, etc.

d. The City will be responsible for performing construction staking or preparation of as-built drawings.

e. SRF Funding requirements for the project were discussed.

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