

TO: ALL BIDDERS OF RECORD

FROM: Beta Group, Inc.
315 Norwood Park South
Norwood, MA 02062

**RE: ADDENDUM NO. 3 TO CONTRACT DOCUMENTS FOR
CITY OF SALEM, MASSACHUSETTS
TRAFFIC SIGNAL IMPROVEMENTS, DERBY STREET/CONGRESS STREET
BID NO. L-43**

DATE: July 15, 2010

ADDENDUM NO. 3

This addendum shall be made part of the Contract Documents as of July 15, 2010.

Acknowledge receipt of the Addendum by inserting its number on Page 00300-7 of the Bid form. Failure to do so may subject the bidder to disqualification.

The following changes shall be made part of the Contract Documents:

- A. Section 00300: Remove the entire original Section 00300 and replace with the new entire Section 00300, dated 7/15/2010, attached to this Addendum.
- B. Section 02550: Strikeout the portions of Item 804.3A at the bottom of page 02550-5 and at the top of page 02550-10. Delete pages 02550-6 through 02550-9 and replace with Item 804.3A, dated 7/15/2010, attached to this Addendum.

The Bidders attention is directed to paragraph 1.10 B of Section 00200 - INFORMATION FOR BIDDERS in regards to the need to submit the Bid bound with the complete volume of Contract Documents. Paragraph 1.10 B has been included below for the Bidders convenience:

- B. Bidders shall not remove and submit the Bid pages separate from the volume of Contract Documents, but shall submit their Bids bound with the complete volume of attached Contract Documents, including all pages correctly assembled. All erasures or other changes in the Bid must be properly initialed by an authorized representative of the Bidder.

SECTION 00300**BID PROPSAL**

To the City of Salem, Massachusetts, herein called the "Owner", for:

**"City of Salem, Massachusetts, Traffic Signal Improvements,
Derby Street/Congress Street, Bid No. L-43".**

The Undersigned, as a bidder herein referred to as singular and masculine, declares as follows:

1. The only parties interested in this BID as Principals are named herein;
2. This BID is made without collusion with any other person, firm, or corporation;
3. No officer, agent, or employee of the Owner is directly or indirectly interested in this BID;
4. He has carefully examined the site of the proposed Work and fully Informed and satisfied himself as to the conditions there existing, the character and requirements of the proposed Work, the difficulties attendant upon its execution and the accuracy of all estimated quantities stated in this BID, and he has carefully read and examined the Drawings, the annexed proposed AGREEMENT and the Specifications and other Contract Documents therein referred to and knows and understands the terms and provisions thereof;
5. He understands that information relative to subsurface and other conditions, natural phenomena, existing pipes and other structures (surface and/or subsurface) has been furnished only for his information and conference without any warranty or guarantee, expressed or implied, that the subsurface and/or other conditions, natural phenomena, existing pipes and other structures (surface and/or subsurface) actually encountered will be the same as those shown on the Drawings or in any of the other Contract Documents and he agrees that he shall not use or be entitled to use any such information made available to him through the Contract Documents or otherwise or obtained by him in his own examination of the site, as a basis of or ground for any claim against the Owner or the Engineer arising from or by reason of any variance which may exist between the aforesaid information made available to or acquired by him and the subsurface and/or other conditions, natural phenomena, existing pipes and other structures (surface and/or subsurface) actually encountered during the construction work, and he has made due allowance therefore in this BID;
6. And he understands that the quantities of work tabulated in this BID or indicated on the Drawings or in the Specifications or other Contract Documents are only approximate and are subject to increase or decrease as deemed necessary by the Engineer; and he agrees that, if this BID is accepted he will contract with the Owner, as provided in the copy of the Contract Documents deposited in the office of the Engineer, this BID form being part of said Contract Documents, and that he will perform all the work and furnish all the materials and equipment, and provide all labor, services, plant, machinery, apparatus, appliances, tools, supplies and all other things required by the Contract Documents in the manner and within

the time therein prescribed and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefore the lump sum or unit price acceptable to each item of the work as stated in the schedule below. (Note: Bidders must bid on each item. All entries in the entire BID must be made clearly and in ink; prices bid must be written in both words and figures.)

In case of discrepancy, the amount shown in words will govern.

(Bidders should insert extended item prices obtained from quantities and unit prices.)

Each bid must be accompanied by a certified treasurer's or cashier's check issued by, a responsible bank or trust company and payable to the order of the **City of Salem, Massachusetts** or by a bid bond prepared on the form of BID BOND attached hereto duly executed and acknowledged by the bidder, as Principal, and by a surety company qualified to do business in the Commonwealth of Massachusetts and satisfactory to the Owner, as Surety. The check or bid bond shall be in the sum of five percent of the bid and shall be enclosed in the sealed envelope containing the Bid.

The Bidder whose Bid is accepted agrees to furnish the Contract Bonds in the forms which follow in Section 00600, titled CONTRACT BONDS, each in the sum of the full amount of the Bid and/or Contract Price as determined by the Engineer, and duly executed and acknowledged by the said bidder as Principal and by a surety company qualified to do business under the laws of the Commonwealth of Massachusetts and satisfactory to the Owner, as Surety, for the faithful performance of the Contract and payment for labor and materials. The premiums for such Bonds shall be paid by the Contractor.

The Bidder to be considered responsive shall complete and submit the BID as listed in the bid form.

The undersigned agrees that for extra work, if any, performed in accordance with the terms and provisions of the annexed form of AGREEMENT, s/he will accept compensation as stipulated therein in full payment for such extra work.

If this BID is accepted by the Owner, the undersigned agrees to complete the entire work provided to be done under the Contract within the time stipulated in the AGREEMENT.

Should the bidder fail to fulfill any of his/her agreements as herein above set forth, the Owner shall have the right to retain as liquidated damages the amount of the bid check or cash which shall become the Owner's property. If a bid bond was given, it is agreed that the amount thereof shall be paid as liquidated damages to the Owner by the Surety.

BID Derby Street/Congress Street, Page 1 of 5

Item No.	Approx Qty.	Item Description	Unit Price		Amount	
			Dollars	Cents	Dollars	Cents
120.1	5	Unclassified Excavation*	50	00	250	00
		At				
		Fifty Dollars And Zero Cents Per Cubic Yard				
151.	5	Gravel Borrow*	25	00	125	00
		At				
		Twenty-five Dollars And Zero Cents Per Cubic Yard				
153.	8	Controlled Density Fill - Excavatable				
		At				
		Dollars And Cents Per Cubic Yard				
170.	12	Fine Grading And Compacting	5	00	60	00
		At				
		Five Dollars And Zero Cents Per Square Yard				
431.1	5	High Early Strength Cement Concrete Base Course				
		At				
		Dollars And Cents Per Cubic Yard				
472.	4	Hot Mix Asphalt For Miscellaneous Work				
		At				
		Dollars And Cents Per Ton				

* Denotes INDETERMINATE ITEM

BID Derby Street/Congress Street, Page 2 of 5

Item No.	Approx Qty.	Item Description	Unit Price		Amount	
			Dollars	Cents	Dollars	Cents
464.5	50	Hot Poured Rubberized Asphalt Sealer*	3	00	150	00
		At				
		Dollars				
		And				
		Cents				
		Per Foot				
482.3	300	Saw Cutting				
		At				
		Dollars				
		And				
		Cents				
		Per Foot				
590.	45	Curb Removed And Stacked*	10	00	450	00
		At				
		Ten Dollars				
		And				
		Zero Cents				
		Per Foot				
701.2	20	Cement Concrete Wheelchair Ramp*				
		At				
		Dollars				
		And				
		Cents				
		Per Square Yard				
706.1	23	Brick Walk Removed And Relaid				
		At				
		Dollars				
		And				
		Cents				
		Per Square Yard				
748.	1	Mobilization				
		At				
		Dollars				
		And				
		Cents				
		Per Lump Sum				
804.3	70	3 Inch Electrical Conduit Type NM - Plastic - (UL)				
		At				
		Dollars				
		And				
		Cents				
		Per Foot				

* Denotes INDETERMINATE ITEM

BID Derby Street/Congress Street, Page 3 of 5

Item No.	Approx Qty.	Item Description	Unit Price		Amount	
			Dollars	Cents	Dollars	Cents
804.3A	70	3 Inch HDPE Pipe Installed Using Pneumatic Piercing Tool				
		At				
		Dollars				
		And Cents				
		Per Foot				
811.31	1	Pull Box 12 X 12 Inches - SD2.031*				
		At				
		Five Hundred Dollars	500	00	500	00
		And Zero Cents				
		Per Each				
815.1	1	Traffic Control Signal - Location No. 1				
		At				
		Dollars				
		And Cents				
		Per Lump Sum				
815.98	15	Footing Cost Adjustment				
		At				
		Dollars				
		And Cents				
		Per Foot				
816.01	1	Traffic Signal Adjustment - Location No. 2				
		At				
		Dollars				
		And Cents				
		Per Lump Sum				
832.1	115	Warning-Regulatory And Route Marker - Alum. Panel (Type A)				
		At				
		Dollars				
		And Cents				
		Per Square Foot				

* Denotes INDETERMINATE ITEM

BID Derby Street/Congress Street, Page 4 of 5

Item No.	Approx Qty.	Item Description	Unit Price		Amount	
			Dollars	Cents	Dollars	Cents
847.1	8	Sign Sup (N/Guide)+Rte Mkr W/1 Brkway Post Assembly – Steel				
		At				
		Dollars				
		And Cents				
		Per Each				
851.	40	Safety Controls For Construction Operations				
		At				
		Dollars				
		And Cents				
		Per Unit Day				
852.	360	Safety Signing For Construction Operations				
		At				
		Dollars				
		And Cents				
		Per Square Foot				
853.1	2	Portable Breakaway Barricade Type III				
		At				
		Dollars				
		And Cents				
		Per Each				
854.2	50	Pavement Marking Removal - Thermoplastic				
		At				
		Dollars				
		And Cents				
		Per Square Foot				
859.	800	Reflectorized Drum				
		At				
		Dollars				
		And Cents				
		Per Drum Day				

BID Derby Street/Congress Street, Page 5 of 5

Item No.	Approx Qty.	Item Description	Unit Price		Amount	
			Dollars	Cents	Dollars	Cents
864.04	190	Pavement Arrows And Legends Refl. White (Thermoplastic)				
		At				
		Dollars				
		And				
		Cents				
		Per Square Foot				
866.04	60	4 Inch Reflectorized Line (Thermoplastic)				
		At				
		Dollars				
		And				
		Cents				
		Per Foot				
874.5	1	Miscellaneous Signs Removed And Stacked				
		At				
		Dollars				
		And				
		Cents				
		Per Lump Sum				
TOTAL BID			Dollars			
		And				
			Cents			

The undersigned agrees that for extra work, if any, performed in accordance with the terms and provisions of the annexed form of AGREEMENT, he will accept compensation as stipulated therein as full payment for such extra work.

If the Bid is accepted by the OWNER, the undersigned agrees to commence work under this Contract on a date to be specified in a written "Notice to Proceed" by the Owner and complete the entire work provided to be done under this Contract within the time stipulated in Table "A" of the AGREEMENT. If this bid is accepted by the Owner, the undersigned, also agrees to comply with the provisions of Section 1.14 "Liquidated Damages" and Table A of the AGREEMENT.

As provided in the INFORMATION FOR BIDDERS, the bidder hereby agrees that he will not withdraw this BID, within 90 consecutive calendar days after the actual date of the opening of Bids, and that, if the Owner shall accept this BID, the bidder will duly execute and acknowledge the AGREEMENT and furnish, duly executed and acknowledged, the required CONTRACT BONDS within fourteen (14) consecutive calendar days after notification that the AGREEMENT and other Contract Documents are ready for signature.

Should the bidder fail to execute any of his agreements as hereinabove set forth, the Owner shall have the right to retain as liquidated damages, the Bid Security attached in the sum of (5 percent of Total Bid) _____

_____ Dollars,
(\$ _____) which shall become the Owner's property for the delay and additional expense to the Owner caused thereby. If a bid bond was given, it is agreed that the amount thereof shall be paid as liquidated damages to the Owner by the Surety. (Bidder must fill in this blank.)

The bidder hereby acknowledges the receipt of, and has included in this BID, the following Addenda:

(To be filled in by Bidder, if Addendums are issues.)

Addendum No. _____, dated _____

Addendum No. _____, dated _____

Addendum No. _____, dated _____

The bidder, by submittal of this BID, agrees with the Owner that the amount of the bid security deposited with this BID fairly and reasonably represents the amount of damages the Owner will suffer due to the failure of the bidder to fulfill his agreements as above provided.

(SEAL)

(Name of Bidder)

By _____
(Signature and title of authorized representative)

(Business address)

(City and State)

Date _____

The bidder is a corporation incorporated in the State (or Commonwealth) of _____ - a partnership - an individual. (Bidder must add and delete as necessary to make this sentence read correctly.)

(Note: If the bidder is a corporation, affix corporate seal and give below the names of its president treasurer, and general manager, if any; if a partnership, give full names and residential addresses of all partners; and if an individual, give residential address, if different from business address.)

The required names and addresses of all persons interested in the foregoing Bid, as Principals, are as follows:

(Add supplementary page if necessary)

**CERTIFICATE OF AUTHORIZATION
FOR
BIDDING REPRESENTATIVE**

(Note: Bidder must complete for certification of authorized representative signing Bid.)

At a duly authorized meeting of the Board of Directors of the

_____ held on _____,
(Name of Corporation) (Date)

at which all the Directors were present or waived notice, it was voted that

_____ (Name of Authorized Representative) _____ (Title)

of this company shall be, and hereby is, authorized to execute bidding documents, contracts and bonds in the name and on behalf of said company, and to affix the corporate seal thereto, and such execution of any contract obligation in this company's name on its behalf of such

_____ under seal of the company shall be valid and binding upon this company.
(Title)

A true copy

ATTEST _____
(Clerk)

Place of Business _____

I hereby certify that I am the clerk of the _____
(Name of Corporation)

_____, that _____
(Name of Authorized Representative)

is the duly elected _____ of said company, and that the
(Title)

above vote has not been amended or rescinded and remains in full force and effect as of the date of this contract.

Corporate Seal

(Clerk)

**STATEMENT
OF BIDDERS' QUALIFICATIONS**

The following shall accompany the bid and is required as evidence of the bidder's qualifications to perform the work, as bid upon, in accordance with the contract drawings and specifications. This statement must be notarized. All questions must be answered. Additional data may be submitted on separate attached sheets.

1. Name of Bidder _____
2. Permanent Main Office Address _____
3. Official Mailing Address for This Contract _____
4. When Organized? _____
5. Where Incorporated, If a Corporation _____
6. Years Contracting under Present Name _____
7. List contracts on hand, and those completed similar in nature to this kind of project.

Owner	Engineer	Contract	Description	Contract Amount	Completion Date

8. List any work the firm has failed to complete, state where and why.

9. If you have ever defaulted on any contract, state where and why.

10. List full names and residences of all principals (i.e. Officers, Directors, Partners, Owners) interested in this bid.

Name	Residence	Title	Firm
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

11. State name(s) and qualifications of resident supervisor(s) for this project.
- _____
- _____
- _____

12. List major equipment available for this project and identify ownership or rental.
- _____
- _____
- _____
- _____

13. Will you furnish a detailed financial statement and other information, requested by the Owner?

14. List bank references for verifying financial ability of your company.
- | Name | Address |
|-------|---------|
| _____ | _____ |
| _____ | _____ |

15. The undersigned hereby authorized and requests any person, firm or corporation, to furnish all information requested by the Owner and/or its designated agents relative to the recitals comprising this Statement of the Bidder's Qualifications.

Dated at _____ this _____ day of _____ 20__.

(Name of Bidder)

By: _____

(Title)

State of _____

County of _____

_____ being duly sworn in person, deposes and says
that he is _____ of _____,
(Title) (Name of Bidder)

that he is the firm's duly authorized agent to execute these contract documents, and that the answers to the foregoing questions and all statements therein contained are correct and true.

Subscribed and sworn to before me this _____ day of _____ 20__.

(SEAL)

(Notary Public)

(My Commission Expires)

**STATEMENT
OF PROPOSED SUBCONTRACTORS**

The following shall accompany the bid and is required as evidence of the bidder's qualifications to perform the work as bid upon, in accordance with the contract drawings and specifications. The Bidder must state the names and appurtenant information of all major subcontractors he proposed to use to complete the work as bid upon. Additional data may be submitted on separate attached sheets.

If subcontractors are not to be used to complete the Work and/or any portion thereof, as herein bid upon, the Bidder must acknowledge by writing "NONE" _____.

Description of Work _____

Approximate percentage of Total Bid _____

Proposed Subcontractor, Name _____

Address _____

Description of Work _____

Approximate percentage of Total Bid _____

Proposed Subcontractor, Name _____

Address _____

Description of Work _____

Approximate percentage of Total Bid _____

Proposed Subcontractor, Name _____

Address _____

Bidder to insert description of work, percentage of Total BID, and subcontractors' names as may be required.

This is to certify that all names of the above-mentioned subcontractors are submitted with full knowledge and consent of the respective parties.

The Bidder warrants that none of the proposed subcontractors have any conflict of interest as respects this contract.

Date _____

Bidder

(Name of Bidder)

By

(Signature)

(Title)

(Business Address)

(City and State)

ITEM 804.3A 3 INCH HDPE PIPE INSTALLED USING PNEUMATIC - FOOT
PIERCING TOOL

This Item includes the requirements for furnishing all labor, materials, transportation and equipment necessary for the installation of 3" diameter HDPE pipe conduit, for use in the wiring of the proposed traffic signal system, using the pneumatic piercing tool technique as specified on the Contract Drawings.

This Item shall be an alternative to Item 804.3 in order to minimize disturbance of the recently constructed brick sidewalk at the intersection. Owner shall have the option of requiring this method.

Pneumatic piercing tool drilling and pipe installation shall be done only by an experienced Contractor, whose key personnel have at least five (5) years experience in this work. Furthermore, the Contractor shall have installed pneumatic piercing tool drilled pipe at least as large as 4 inches in diameter, have performed crossings at least 30 feet in length, and successfully installed at least 5,000 feet in length. The Owner may require that the Contractor provide certificates of training for employees directly involved in the supervision or operation of the pneumatic piercing tool drilling system.

The qualifications submitted by a pneumatic piercing tool drilling contractor shall include detailed descriptions such as:

- Name, business address, and telephone number, as well as the names of the supervisory personnel to be directly involved with the project.
- List of similar projects completed, including name, address, and telephone number of the project manager or other contact, as well as descriptions of the types of pipes drilled and the sizes and lengths of piping installed.

The Contractor shall submit written descriptions of the construction methods and equipment to be used, as well as pit dimensions and locations required for equipment and material access.

The Contractor shall hold the Owner and Engineer harmless in any legal action resulting from patent infringements.

All HDPE pipe, pneumatic piercing tool drilling and installation procedures shall conform to the following standards.

1. ASTM D1248-02 Standard Specification for Polyethylene Plastics Extrusion Materials For Wire and Cable.
2. ASTM D1593-99 Standard Specification for Nonrigid Vinyl Chloride Plastic Film and Sheeting
3. ASTM D3035 Standard Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Controlled Outside Diameter.
4. ASTM D3261-03 Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing.

5. ASTM D3350-02a Standard Specification for Polyethylene Plastics Pipe and Fittings Materials.
6. ASTM F1417 Standard Test Method for Installation Acceptance of Plastic Gravity Sewer Lines Using Low Pressure Air.
7. ASTM F714-01 Standard Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter.
8. ASTM F1962 Standard Guide for Use of Maxi-Horizontal Directional Drilling for Placement of Polyethylene Pipe or Conduit Under Obstacles, Including River Crossings
9. ASTM F2206-02 Standard Specification for Fabricated Fittings of Butt-Fused Polyethylene (PE) Plastic Pipe, Fittings, Sheet Stock, Plate Stock, or Block Stock
10. American Petroleum Institute API Spec. 13A, Specification for Oil Well Drilling Fluids Material for Fresh Water Drilling Fluids
11. National Utility Contractors Association (NUCA) HDD Installation Guidelines.

The Contractor shall visit the site and must be aware of all structures, utilities and site limitations at the pneumatic piercing tool drill crossing and provide the Engineer with a drilling plan.

Materials used for the manufacture of HDPE pipe and fittings shall be as follows: PE-3408 high density polyethylene having been made from polyethylene resin compound with a minimum cell classification of PE 345444C for PE 3408 materials in accordance with ASTM D-3350; meeting Type III classification, per ASTM D1248-02; and shall be listed in the name of the pipe and fitting Manufacturer in PPI (Plastic Pipe Institute) TR-4, Recommended Hydrostatic Strengths and Design Stresses for Thermoplastic Pipe and Fittings Compounds, with a standard long term hydrostatic strength grade rating of 1600 psi at 73 °F when tested and analyzed by ASTM D2837 and shall be a Plastic Pipe Institute (PPI) listed compound.

The HDPE pipe shall have a minimum standard dimension ratio (SDR) of 13.5 and/or be adaptable to schedule 40 PVC electrical conduit, similar to Carlon EPEC 40 or equal.

PVC pipe, couplings and fittings to be adapted to HDPE pipe shall be manufactured specifically for that purpose, similar to Carlon E-Loc pipe or equal.

The required piping shall be assembled in a manner that does not obstruct adjacent roadways or public activities.

All HDPE pipe shall be cut, fabricated, and installed in strict conformance with the pipe manufacturer's recommendations.

Each length of pipe shall be inspected and cleaned as necessary to be free of debris immediately prior to joining.

Pipe sections shall be joined to one another by means of thermal butt fusion in accordance with ASTM D3261-03. HDPE pipe sections to be joined by thermal butt fusion shall be of the same type, grade, and class of polyethylene compound and supplied from the same raw material supplier.

The Contractor shall furnish and install custom pull tape, subject to the approval of the Owner/Engineer, through the entire length of the completed conduit for purposes of installing the necessary electrical and traffic signal wiring.

The pipe shall be properly cleaned and flushed, and tested for tightness after installation is complete. All costs associated with pipeline testing shall be borne by and paid for by the Contractor.

The Contractor shall restore all lateral, launching pits and associated surface areas to their original condition or as required by the Engineer.

Prior to backfilling lateral and launching pits the Contractor shall ensure that the new pipe is properly supported and on the required grade. Stone or other suitable material, approved by the Owner shall be used immediately under the pipe as support in order to avoid sagging after backfill and compaction.

Work under this Item will be paid for at the contract unit price bid per foot based on the measurements of actual feet of HDPE pipe installed complete, as determined by the Engineer. The contract price shall include furnishing 3" HDPE pipe and all materials, labor and equipment required or incidental to the satisfactory completion of the work; removal and disposal of all existing excavated materials including any existing bituminous, concrete or reinforced concrete base, if encountered; replacing and/or resetting curbing; protection and support of existing utilities; repairing and/or replacing existing utilities; mobilization and demobilization of the pneumatic piercing tool; proper connection of HDPE pipe to existing or proposed pull boxes; bedding material; excavation, backfill and compacting as may be required; and loaming and seeding of disturbed grass areas. Restoration of brick sidewalk surface areas disturbed by the launching pit and other areas with dimensions approved by the Engineer shall be compensated under the Item 706.1.

THIS PAGE IS INTENTIONALLY LEFT BLANK