



MEMORANDUM

To: All Prospective Bidders
Cc:
From: Thomas Bigelow, PE (NH); Green International Affiliates, Inc. (Green)
Date: April 4, 2017
Project: Roadway Reconstruction of Nagog Hill Road (Contract No. 04/06/17-1)
Subject: Response to Questions and Addendum No. 2

RESPONSES TO CONTRACTOR QUESTIONS

For informational purposes, the following are responses to Plan Holder questions which were received for the subject project. The deadline for requests for interpretation has passed.

Question 1 The specs state that the contractor needs to provide a laptop, cellphone, and camera to the engineer. Will the engineer be keeping this equipment at the completion of the project or will this come back to the contractor?

Answer The engineer's laptop, cellphone and camera will be returned to the Contractor upon the completion of the project.

Question 2 The spec section for item 851.2, traffic controls for construction, states that portable changeable message signs are included in this item. However, the bid form has a separate item for the message boards (856.12). Please confirm the message boards will be paid under item 856.12 and are not incidental to item 851.2.

Answer Item 856.12 Portable Changeable Message Signs shall be bid separately from Item 851.2 Traffic Controls for Construction. A revised technical specification for Item 851.2 Traffic Controls for Construction, has been included as part of Addendum 2.

Question 3 The bid form has a unit of "EA" for item 983.52, Modified Rock Fill. Is this supposed to be measured by the CY?

Answer Yes. Please refer to Addendum No. 2

Question 4 At the top of every page on the bid form there is a line for "Bid Number" and "Bidder Name". What is supposed to be filled in on the "Bid Number" line? Is this asking for the total bid price?

Answer Prequalified bidders were provided official bid forms with the bid number and bidder name watermarked at the top of each page, above the words "Roadway Reconstruction of Nagog Hill Road 2017". The Bid Number and Bidder Name fields on each page do not need to be filled out unless the prospective bidder feels their company's name is not accurately represented on the bid form. Please contact Tom Bigelow at tbigelow@greenintl.com or 978-923-0400 if your company's official bid forms do not have a bid number and/or bidder name watermarked on each page. Please refer to Addendum No 2 for Appendix C Page 14.

Question 5 What are the MBE/WBE/DBE requirements for this project, if any?

Answer There are no specific MBE/WBE/DBE requirements for this project.

Question 6 Can you please clarify what work is being paid under Item 141 (Class A Trench Excavation) of this contract as all excavation for the installation of water pipe, hydrants, drain pipe, drainage structures, and subdrain pipe is included under each of their respective items?

Answer Item 141 Class A Trench Excavation will be used to pay for excavation related to swales.

Question 7 Can you please clarify what work is being paid under Item 144 (Class B Rock Excavation) of this contract as the Technical Specification for Item 120.1(Unclassified Excavation) state that Section 140.25 (Class B Rock Excavation) of the MassDOT Standard Specifications will be paid under Item 120.1 of this contract?

Answer The removal of boulders measuring 1 cubic yard or more and the removal of existing headwalls will be paid under Item 144 Class B Rock Excavation. Please refer to Addendum No. 2.

Question 8 Is the filing fee waived or does the Contractor pay the filing fee for the Asbestos Notification Form ANF-001/BWP AQ-04 as noted under the Technical Specifications for this contract for Item 182.21 (Asbestos Removal Permits) since the specifications state that the Town of Littleton is exempt from the fee?

Answer MassDEP does not require a filing fee for Town projects.

Question 9 Can you please clarify that Item 309 (Ductile Iron Fittings for Water Pipe) is paid for by the pound as noted in the Bid Form and not by the foot as noted in the Technical Specifications?

Answer Item 309. Ductile Iron Fittings for Water Pipe will be paid per pound. See Addendum No. 2 below.

Question 10 For Item 756 (NPDES Stormwater Pollution Prevention Plan), does the Contractor have to file an NOI with MassDEP when filing for the BRP WM 09 Permit? Also, do any subcontractors on the work site have to file NOIs with MassDEP? Is there a filing fee, if so how much does it cost or is it waived?

Answer The contractor is responsible for filing the eNOI to the EPA and preparing a SWPPP. A copy of the eNOI and SWPPP that is submitted to the EPA will need to be submitted to MassDEP as part of the BRP WM 09 application. Subcontractors are covered under this permit and do not need to submit separately. The Contractor is responsible for all work performed by subcontractors and all subcontractors need to abide by all permit requirements. The filing fee should be waived by the DEP for Town projects.

Question 11 Can you please clarify that Item 983.52 (Modified Rockfill) is paid for by the cubic yard as noted in the Technical Specifications and not by the each as noted in the Bid Form?

Answer Item 938.52 Modified Rockfill will be paid for by the cubic yard. Please refer to Addendum No. 2.

Question 12 On Sheet 43 of the plans, is the diagram on the right above the title PERMANENT STONE CHECK DAM supposed to be a diagram of the stone swale?

Answer The Permanent Stone Check Dam detail provides and elevation an section view of the permanent stone check dam. Refer to Sheet 6 of 118 for the Typical Stone Fill Swale Detail.

Question 13 What item(s) are the stone waterways and stone swales as shown on plans paid under? Are they paid under Item 983.52 (Modified Rockfill) or another item? Please clarify.

Answer The materials and pay items for stone waterways are detailed on Sheet 44 of 118. The materials and pay items for stone fill swales are detailed on Sheet 6 of 118. This work shall be completed as specified in the specifications.

Question 14 Is the geotextile for Item 156.21 (Crushed Stone for Slope Stabilization) and Item 156.22 (Crushed Stone for Slope Stabilization Removed, Stockpiled, & Reset) paid under those items or under Item 698.3 (Geotextile Fabric for Separation)?

Answer The geotextile fabric will be paid under Item 698.3 Geotextile Fabric for Separation in accordance with the specifications.

Question 15 Can soil materials removed from cuts be used at other locations in the site for fill material?

Answer Existing soil removed from cuts may be reused on site provided the cut material meets the specifications for its intended use. Re-use of any existing materials shall be approved by the Engineer. The cost of any soil testing to prove the material meets the requirements or amendments to the existing material to meet the requirements shall be borne by the Contractor.

Question 16 How is Permanent Matting for Erosion Control as shown on Sheet 74 of the plans being paid for as there is no Item or quantity for it in the Bid Form?

Answer Permanent Matting for Erosion Control shall be paid for under Item 698.4 Geotextile Fabric for Permanent Erosion Control.

Question 17 How is the geotextile and 1/2" crushed stone required for the subdrain being paid? Under which item(s)?

Answer The MassDOT Standard Specifications and Supplemental Specifications provide the basis of payment for this item. The unit price for subdrain includes excavation, pipe, filter fabric, crushed stone and installation.

Question 18 Is the crushed stone required for the hydrant drain paid under Item 376 (Hydrant) and Item 376.2 (Hydrant - Removed & Reset)?

Answer The crushed stone shall be paid under Item 156 Crushed Stone.

Question 19 Under what item is the plunge pool as shown on Sheet 6 as a detail and on sheet 18 at a specific location being paid for?

Answer The pay items for the Plunge Pool shall be paid under Item 258 Stone for Pipe Ends and Item 141 Class A Trench Excavation.

Question 20 Is an office required for the Town of Littleton/Engineer for the project?

Answer An Engineer's Office is not required.

Question 21 In reference to Special Conditions, Part 1 Section 401.4 Permits (Appendix A page 39) It states the contractor will be responsible for obtaining and paying for all permits required. Would you please inform us of the permits needed and the cost.

Answer The permits required for this project have been outlined in the specifications. The filing fee should be waived by the DEP for Town projects and there is no charge for the eNOI filing. The Contractor is not required to obtain any permits from the Town.

Question 22 On Sheet 8 of the plans, is the catch basin next to proposed manhole DMH-104 being removed?
Answer Yes, this catch basin will be removed.

Question 23 On sheets 11& 12, how are the granite steps that are being removed and reset being paid for, under which item?
Answer Payment for removing and resetting the granite steps will be made under Item 583. Edging Removed and Reset.

Question 24 On Sheet 11, is the section of driveway in front of the 1.5 STORY WOOD building being paid under Item 703 (HMA Driveway) as it is not indicated on the plans as a driveway? Please clarify.
Answer Yes, the asphalt for the driveway 121+75 RT ± will be paid under Item 703. Hot Mix Asphalt Driveway.

Question 25 In general, what are the limits of the driveway? Are they to the property line or the road?
Answer The pay limits of Item 703. Hot Mix Asphalt Driveway is between the roadway and driveway sawcut line or edge of HMA Apron, as indicated on the plans.

Question 26 On Sheet 11, how is the removal and disposal of the irrigation pipe being paid for, under what item?
Answer The removal and disposal of the irrigation pipe will be paid under Item 120.1 Unclassified Excavation. The irrigation pipe is within the roadway box; therefore, additional excavation should not be required to remove the pipe.

Question 27 Where is the 6" subdrain carrier pipe on the plans? How is it differentiated from the 6" subdrain perforated pipe?
Answer The 6" subdrain carrier pipe is shown on Sheet 17 near Sta. 158+70±. Perforations are not required for the 6" carrier pipe.

Question 28 Are there no gravel driveways being installed behind the HMA aprons at Sta. 141+50 RT and Sta 144+20 LT?
Answer Correct, no gravel driveways are proposed behind the HMA aprons at these locations.

Question 29 At Sta. 160+55 LT, are an HMA apron/driveway and gravel drive to be installed? The plans do not indicate so in words.
Answer Correct, a 5-foot HMA apron paid under Item 703 Hot Mix Asphalt Driveway and a gravel driveway between the HMA apron and the slope limit is proposed at this location.

Addendum No. 2:

Please refer to the following eight (8) pages (including this page) which comprise Addendum No. 2.

NOTE:

All contractors must acknowledge receipt of this response to questions and Addendum No. 2.

Contractors must either fax acknowledgements to (978) 399-0033 or email to TBigelow@greenintl.com. Please include company name, contact name and ID number of the Contract Documents which was indicated bid forms.

ADDENDUM NO. 2

The following modifications are to be incorporated into the Contract Documents for the Roadway Reconstruction of Nagog Hill Road (Contract No. 04/06/17-1) project. The Bid Opening Date and Time will remain April 10, 2017 at 10:00 AM.

Delete Item 120.1 Unclassified Excavation in its entirety from the Technical Specifications and **replace** with the attached Item 120.1 Unclassified Excavation included in this Addendum No. 2. The payment for Class B Rock Excavation has been removed from this item.

Delete Item 309. Ductile Iron Fittings for Water Pipe in its entirety from the Technical Specifications and **replace** with the attached Item 309. Ductile Iron Fittings for Water Pipe included in this Addendum No. 2. The unit of measure has been revised to per pound.

Delete Item 851.2 Traffic Controls for Construction in its entirety from the Technical Specifications and **replace** with the attached Item 851.2 Traffic Controls for Construction included in this Addendum No. 2. The specification has been revised to remove payment for Portable Changeable Message Signs from this item.

Delete Appendix C Page 14 from the Bid Forms in its entirety and **replace** with the attached Appendix C Page 14 included in this Addendum No. 2. The bid form has been revised to reflect a Cubic Yard unit of measure and payment for Item 983.52. Bidders shall handwrite their company's name and the bidder number provided on plans, contract book and official bid forms at the top of Appendix C Page 14.

ITEM 120.1

UNCLASSIFIED EXCAVATION

CUBIC YARD

The work under this Item shall conform to the relevant provisions of Section 120 of the Standard Specifications and the following:

The removal and disposal of all vegetation not to be retained within the slope limits is included for payment under this Item. The removal of tree and/or stumps with the shortest diameter less than 9" shall be removed and disposed of under this item.

The work shall include the removal of pipe and the disposal of existing materials shown on the drawings to be removed and reset, but which in the judgment of the Engineer are unsuitable for reuse in the proposed work and their disposal is not paid for under a separate item.

The work shall include the removal of the abandoned 2" steel gas main when in conflict with the roadway box (pavement, subbase and/or sand layer) and as directed by the engineer. No extra payment will be made for removing the gas main and the cost of removing and disposing shall be considered incidental to this item.

No separate payment will be made for the off-site disposal of all existing material unsuitable for reuse in the proposed work, but all costs in connection therewith shall be included in the price bid for unclassified excavation.

Measurement and Payment

Unclassified excavation shall be measured per cubic yard, per Section 120.80 of the Standard Specifications.

Unclassified excavation will be paid for at the contract unit bid price per cubic yard which price shall include all labor, materials, equipment and incidental costs required to complete the work.

ITEM 309.

DUCTILE IRON FITTINGS FOR WATER PIPE

POUND

The Contractor shall furnish, lay, joint, test and disinfect all water pipe and fittings, as indicated on the Contract Drawings and in accordance with the relevant provisions of Section 300 of the Standard Specifications, the American Water Works Association Standards, and in accordance with the current practice and specifications of the Municipality's Water Department (<http://www.lelwd.com/wp-content/uploads/2015/10/Water-Main-Specs.pdf>).

The ductile iron pipe shall be Thickness Class 52 cement lined seal coated and conform to the AWWA C150 and ANSI A21.51/AWWA C151 Specification for Ductile Iron Pipe. Pipe joints and gaskets shall be of the push-on type in accordance with ANSI A21.11.

Ductile iron fittings shall be Thickness Class 52, Pressure Class 350, cement lined, and shall meet the requirements of ANSI A21.10/AWWA C110. Compact ductile iron fittings shall conform to ANSI A21.53/AWWA C153. All fittings shall be manufactured in North America and are required to be equipped with mechanical joints and retainer glands. Retainer glands shall be ROMAC INDUSTRIES, INC GRIP RING™ PIPE RETAINER, or an approved equal. Glands using set

screws are not acceptable. Mechanical joint fittings in sizes 6 inches through 24 inches shall be ductile iron compact fittings. All nuts and bolts shall be of a type equal to ductile iron or KOR-10 T-bolts and nuts.

Hydrant tees shall be anchor type and have line bells conforming to the requirements of the main pipe. The branch shall have a plain end with an integral gland and rotating mechanical joint gland to provide a restrained connection.

The inside of ductile iron pipe and fittings shall be given a cement lining and bituminous seal coat in accordance with AWWA C104/ANSI A21.4. Cement lining shall be double thickness.

The outside of ductile iron pipe and fittings shall be coated with a layer of arc-sprayed zinc per ISO 8179. The mass of the zinc applied shall be 200 g/m² of pipe surface area. A finishing layer topcoat shall be applied to the zinc. The mean dry film thickness of the finishing layer shall not be less than 3 mils with a local minimum not less than 2 mils. The zinc coating system shall conform to ISO 8179-1 "Ductile iron pipes – External zinc-based coating – Part 1: Metallic zinc with finishing layer. Second edition 2004-06-01

Machined surfaces shall be cleaned and coated with a suitable rust preventive coating at the shop immediately after being machined.

The Contractor shall be responsible for notifying the Littleton Electric Light and Water Department (LELWD) and the Engineer of service shutdown 48 hours prior to the actual shutdown. Valves, hydrants, corporations and curb stops will be operated only by the LELWD personnel.

No water main or service supplying any home, place of business or fire hydrant shall be shut down for more than eight hours unless an approved temporary means of supply is provided. Such temporary provisions will be considered as being for the convenience of the Contractor and as such the cost will be considered incidental to this item. Data relative to existing water mains, services, etc. shown on the plans has been compiled from plans and field information but such data is not guaranteed as to exact location or elevation.

Unless otherwise shown or stated, the minimum total finished cover over the top of the barrel of all installed pipe shall be 5 feet. All excavation necessary for the pipe installation shall be included in the cost of the pipe. The location of the pipe is to be marked with an identification tape buried 2 feet below finished grade. The tape shall be 6 inches in width by 0.004 inches in thickness and shall read "Caution - Water Line Buried Below".

The work shall include the removal of the abandoned 2" steel gas main when in conflict with the pipe and as directed by the engineer. No extra payment will be made for removing the gas main and the cost of removing and disposing shall be considered incidental to this item.

Pipe shall be placed on a bedding of 8-12 inches of sand. The sand shall extend 18 inches over the top of the pipe and the full width of the trench.

Suitable material shall be used for backfilling and shall be free from stones over 4 inches in diameter and hard, lumpy material. The backfill materials in trenches under existing or proposed paved areas shall be compacted to a density of 90% AASHTO T-180 modified or better with mechanical devices manufactured for that purpose from two feet above the top of the pipe to the top of the existing or proposed subgrade.

Bedding and pipe shall be placed on a dry, firm trench bottom. Dewatering, if needed, shall be incidental to this item.

All tees and bends shall be restrained with a thrust block.

The Contractor shall maintain at least 10 feet horizontally from any sewer pipe. If this separation is not attainable, then the elevation of the crown of the sewer shall be at least 18 inches below the invert of the water line. If this separation cannot be achieved, then the sewer pipe shall be encased in concrete.

Each pipe and fitting shall be cleared of all debris, dirt, etc., before being laid and shall be kept clean until accepted in the complete work. Excavated material shall be used for backfilling unless the Engineer determines the material to be unsuitable. Any fittings used for a temporary connection shall be removed and stacked. Temporary fittings shall become the property of the Municipality.

The water pipe shall be connected to existing or new structures and/or piping by the Contractor as shown on the Contract Drawings. Test pits shall be dug where shown on the plans and as directed by the Engineer to verify the size and the type of existing pipe where connections are to be made. The Contractor shall furnish and install all such fittings and appurtenances as are necessary to make the connections shown whether all such fittings are detailed or not. Couplings, where required, shall be of a type equal to Smith Blair, Style 441; Dresser, Style 253 or Romac Style 501 or equal approved by the Municipality. Couplings shall be provided with plain, Grade 27 rubber gaskets and with black, steel, track-head bolts and nuts.

All fittings relative to the water pipe shall be paid for under Item 309. All precast concrete thrust blocks shall be incidental to these items. The other means of restraint (method of restraining may be either an interlocking type or mechanical joint with retainer gland as specified by the Municipality) shall be installed in addition to or in lieu of thrust blocks as required by the Municipality. Pipe anchors shall be used when and as directed.

A minimum of two brass wedges shall be installed per pipe joint and fitting to maintain conductivity and facilitate locating pipe in the future.

Restrained type joints shall be used where straight pipe joints are deflected to bend pipe line on a curve. The method of restraining may be either an interlocking type or mechanical joint with retainer gland.

Reaction or thrust blocks shall be solid precast concrete blocks placed at all tees, plugs and bends in a manner to prevent movement of the fitting, as required by the Engineer or as detailed on the drawings. The blocks shall be placed so that pipe joints will be accessible for any possible future

repairs. In areas where thrust blocks are unable to be used to properly restrain the fittings, threaded rods shall be used to anchor the connection to the main.

Hydrant connections are to be restrained for the full length of the pipe from the main to the hydrant.

In laying ductile iron pipe, the following deflections, based upon a 20 foot length of pipe, shall not be exceeded.

<u>Nominal Size of Pipe (inch)</u>	<u>Gasket Type Jacket Deflection (inch)</u>
6 to 12	12
16 to 24	10

Field testing shall conform to AWWA Standard C600. The water pipe shall be given pressure and leakage tests in sections of approved length. For these tests, the Contractor shall furnish a water measuring device and a pressure gage. The Contractor shall also furnish and install suitable temporary testing plugs or caps for the pipeline; all necessary pressure pumping equipment, pipe connections, and other similar equipment; and all labor required; all without additional compensation. Compensation for testing and chlorination shall be included in the unit price for pipe and fittings. The meter and gage shall be installed by the Contractor in such a manner that all water entering the section under test will be measured and the pressure in the section indicated, and equipment shall be kept in use during both tests.

The scheduling of pressure and leakage tests shall be as approved by the Engineer.

The pressure and leakage tests shall be as specified in the Standard Specifications and the American Water Works Association Standard C600, Section 4.1.

The lengths of joint to be used in determining the allowable leakage shall be based on the nominal diameter of the pipe.

If the section shall fail to pass the pressure test, the leakage test, or both, the Contractor shall do everything necessary to locate, uncover, even to the extent of uncovering the entire section, and repair or replace the defective pipe, fitting, or joint, all at no additional cost to the Owner and without extension of time for completion of the work.

A report containing calculations and documentation pertaining to the pressure and leakage testing shall be submitted to the Municipality's Water Department.

The Municipality, at its own expense, may test the water pipe independent of or in place of the Contractor's test. The Municipality, or its agent, shall schedule such test so as to minimize any delay to the Contractor. The Contractor is notified that this test may cause delay in his work and he shall not receive reimbursement for costs incurred during a reasonable delay. Should any section of pipe fail, the Contractor shall have no claim for any expenses incurred during the delay required to schedule and complete a new test.

After a section of the main has been tested and found acceptable, it shall be flushed free of all heavily treated water by the Contractor. After completion of the flushing operation, the Contractor shall disinfect the water mains with a solution consisting of 50 ppm of chlorine in accordance with the AWWA C651 Specifications for Disinfecting Water Mains. The preferable point of chlorine application shall be at the source of the water for the section being sterilized. The chlorine solution shall be fed into the pipe through a corporation stop, using a gas chlorinator or a hypochlorinator. This work shall be done with the attendance of a representative of the Municipality.

The water shall be tested chemically for residual chlorine and bacteriologically for coliform group bacteria. Testing must be done by a Massachusetts State Certified Laboratory and the results of all tests must be submitted to the Municipality. The Contractor shall be solely responsible for all costs associated by the aforesaid test.

The contract period for the disinfection shall be at least 24 hours and a longer period will be required if tests of residual chlorine show it to be necessary for proper disinfection. The residual chlorine content shall be no greater than 0.2 ppm. All valves and hydrants shall be operated during treatment to insure their thorough contact with the disinfecting solution.

Following chlorination, the mains shall be flushed again to remove any evidence of contamination, as determined by the bacteriological analysis. The quality of water shall remain acceptable for at least two days after the flushing.

A report containing amounts of water flushed, amounts of chlorine used and chlorine residuals after the test period must be submitted to the Municipality. If the initial treatment fails to produce the desired result, the chlorination procedure must be repeated.

Measurement and Payment

Ductile Iron Water Pipe (Rubber Gasket) shall be measured in feet, in place, along the axis of the pipe, excluding, however, the length occupied by new iron fittings and gate valves. Where two pipes join, measurement will be made to the intersection of the axis, excluding the length occupied by new ductile iron fittings.

Ductile Iron Fittings for Water Pipe including socket clamps and tie rods shall be measured by the pound and the quantity to be paid for shall be the weight stated on the invoice of the supplier, or the manufacturer's rated weight as listed in the catalog, whichever is the least weight.

Payment for Ductile Iron Water Pipe (Rubber Gasket) shall be made at the contract unit price per foot, which price shall be full compensation for the removal and disposal of existing water pipe and appurtenances encountered during construction not included for payment under other items, cutting and plugging the existing water pipe, and furnishing all materials, preparation and installation, including all excavation and backfilling, sand bedding, testing and disinfecting, brass caps and wedges, buried pipe identification tape, cement lining, precast thrust blocks, and for all labor, equipment, tools and incidentals necessary to complete the item.

Payment for Ductile Iron Fittings for Water Pipe shall be made at the contract unit price per pound of fitting installed and accepted, which price shall be full compensation for furnishing all materials,

and for all labor, equipment, tools and incidentals necessary to complete the item, including all excavation and backfilling, pipe bedding and sand blanket, precast thrust blocks, testing and disinfecting.

Rock excavation when encountered in the trenching operation shall be paid for under Item 120.1

<u>ITEM 851.2</u>	<u>TRAFFIC CONTROLS FOR CONSTRUCTION</u>	<u>LUMP SUM</u>
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Traffic controls for construction shall be done in accordance with the relevant provisions of Section 850 of the Standard Specifications, the Manual on Uniform Traffic Control Devices (MUTCD), the Traffic Management Plan, and the following:

The Contractor shall furnish, install, position, reposition, maintain and remove detour signs, safety signs, reflectorized drums, warning lights, reflectorized traffic cones, and barricades as required by the Traffic Management Plans and the MUTCD for this project. All safety devices shall conform to the requirements of the MUTCD.

Traffic Controls for Construction shall be measured per lump sum.

Traffic Controls for Construction shall be paid at the Contract unit price per lump sum which price shall be full compensation for furnishing, installing, maintaining, removing, positioning, adjusting and re-positioning of all safety devices as required to provide proper traffic and safety controls for the duration of the project. The lump sum payments will be made in equal amounts on each estimate based on the number of months estimated to complete the work.

Portable Changeable Message Signs shall be paid under Item 856.12.

BID NUMBER: _____

04/06/17-1

BIDDER NAME: _____

_____ cents (\$_____) \$_____

867.04	14400 FT	4 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	_____ Dollars and _____ cents (\$_____) \$_____
874.1	3 EA	STREET SIGN REMOVED AND RESET	_____ Dollars and _____ cents (\$_____) \$_____
874.2	2 EA	TRAFFIC SIGN REMOVED AND RESET	_____ Dollars and _____ cents (\$_____) \$_____
874.4	1 EA	TRAFFIC SIGN REMOVED AND STACKED	_____ Dollars and _____ cents (\$_____) \$_____
901.	7 CY	4000 PSI, 1.5 IN., 565 CEMENT CONCRETE	_____ Dollars and _____ cents (\$_____) \$_____
910.	135 LB	STEEL REINFORCEMENT FOR STRUCTURES	_____ Dollars and _____ cents (\$_____) \$_____
983.52	115 CY	MODIFIED ROCK FILL	_____ Dollars and _____ cents (\$_____) \$_____
983.53	6 EA	STONE CHECK DAM	_____ Dollars and _____ cents (\$_____) \$_____
TOTAL BASE BID PRICE			_____ \$_____