City of New London

Department of Finance-Purchasing Agent
13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

Invitation for Bids

ADDENDUM

Bid No.: 2017-04

Addendum No.: 2 **Date Issued: October 14, 2016**

Ocean Avenue Roadway Reconstruction

Opening Date and Time: October 19, 2016 at 2:00 P.M.

Bidders Notes:

All other terms and conditions remain the same.

This Addendum cover page must be signed and returned with your bid.

_____ _____

Authorized Signature of Bidder Company Name

Return Bid To:

Alicia Smith, Purchasing Agent
City of New London
13 Masonic Street
New London, CT 06320

Bids cannot be accepted after the Bid Opening Date and Time indicated above.

ADDENDUM TWO
October 14, 2016

to
CONTRACT DOCUMENTS
for

OCEAN AVENUE RECONSTRUCTION
New London, Connecticut 06320

This addendum modifies, amends and supplements designated parts of the Contract Documents dated September 2, 2016 for the project identified as Ocean Avenue Roadway Reconstruction, From Niles Hill Road to Neptune Avenue and is hereby made a part thereof by reference and shall be as binding as though inserted in its entirety in the locations designated. It shall be the responsibility of each Bidder to notify all subcontractors and suppliers he proposes to use for the various parts of the work of any changes or modifications contained in this Addendum. No claims for additional compensation due to the lack of knowledge of the contents of this Addendum will be considered.

CLARIFICATION

1. There is reference in the bid documents to "Time for Completion of Contract". But there does not appear to be a designated number of Contract days. Please advise.
   The selected Contractor will have 150 Calendar Days for Completion of the Contract.

2. Reference Item No. 36 and 37 - Rock Excavation and Disposal. In order to properly bid Item No. 37 the Contractor needs to know what exactly is included in the estimated price of $30 per CY for Item No. 36. Please advise.
   Pursuant to Section 01270 Measurement & Payment, Paragraph 1.10, Rock excavation and disposal shall be measured per cubic yard within the trench limits and paid at the contract unit price under the item Rock Excavation and Disposal. Payment shall include replacement of the excavated rock with gravel borrow. The Trench Pay Width is indicated on Sheet 12 of the plan set as being 24-inches plus the nominal width of the pipe being installed, with a minimum of 36-inches. Item No. 36 sets a minimum unit price for this work. Bidders may elect to increase their bid on this item via Item No. 37. For example if a bid of $10 per CY were entered for Item No. 37 the Contractor would be paid a total of $40 per CY for Rock Excavation.

3. Reference Item No. 38 and 39 - Gravel Fill. In order to properly bid Item No. 39 the Contractor needs to know what exactly is included in the estimated price of $20 per CY for Item No. 38. Please advise.
   Pursuant to Section 01270 Measurement & Payment, Paragraph 1.11, the unit price for gravel fill shall include excavation and backfill of unsuitable materials, disposal of unsuitable material, and furnishing, installing and compacting approved backfill materials as specified in Section 02300, EARTHWORK. Item No. 38 sets a minimum unit price for this work. Bidders may elect to increase their bid on this item via Item No. 39. For example if a bid of $10 per CY were entered for Item No. 39 the Contractor would be paid a total of $30 per CY for Gravel Fill.

4. Please identify where Item No. 35 - Additional Pavement is intended to be used.
   Item No. 35 shall only be used where, in the opinion of the Engineer, additional pavement thickness is necessary to match existing conditions. For example, if one of the intersecting roadways to have a portion repaved has an existing pavement thickness of 6-inches, the Engineer may instruct the Contractor to provide 6-inches of new pavement over that section instead of the specified 5-inches. Therefore, the Contractor would be paid the associated tonnage for an additional 1-inch of pavement over the subject area.

5. Reference Item No. 29 and 30. Are density and plant testing required. If so will a pay added be added to the Contract to account for the adjustment.
   Testing requirements for Hot Mix Asphalt were added to Section 01400 Quality Requirements by Addendum No. 1. Compensation for all Quality Assurance/Quality Control Inspections and Testing shall be included in the unit prices of the items which require such testing and inspections.

6. Reference Item No. 26 and 27. The suggested calcium chloride percentage does not match the total SYs of reclaimed roadway. Please advise.
   Calcium Chloride is intended to be incorporated into the remaining 10-inches of reclaimed subbase material at a rate of ±1.0 Gallons per CY (See Clarification provided in Addendum No. 1). Given an estimated reclaimed area of 19,310 SY, ±5,360 CY of reclaimed material should remain following rough grading.

7. Please provide design information for Item No. 15 - Hydrodynamic Separator so these units can be fabricated to suit the field conditions.
   Invert information for these units, and all other drainage structures, is provided in the profile sections of the plan set. Any Substitutions proposed for the specified Contech CDS 2015-4 units must provide equivalent Water Quality Treatment Flow Rate (0.7 CFS) and Sediment Storage Volume (0.5 CY).

8. Please identify on the plans where Item No. 42 - Removal and Disposal of Existing Trees and Item No. 43 - Selective Trimming of Existing Trees are to be performed.
   There are three existing trees to be removed as part of the contract, all are indicated on Sheet 10 of the plan set:
   18-inch Maple at ±STA 40+75 R
   30-inch Oak at ±STA 44+30 L
   36-inch Oak at ±STA 44+30 L
   Selective trimming shall be performed for the entire length of the project, and shall include the removal of all branches projecting into the work area to a height of 15-feet above finished grade.

9. Please identify the scope of work to be included in Item Nos. 46, 47 and 48.
   Items No. 46 & No. 47 shall include the removal of all traffic control signals, posts, mast arms, wiring, control cabinets, appurtenances and foundations at the intersections of Ocean Avenue and Glenwood Avenue and Ocean Avenue and Neptune Avenue. The unit cost for these items shall also include: the salvage and delivery of selected materials to a City Facility and the disposal of all other materials. A final determination of items to be salvaged will be made prior to the start of construction.
   Item No. 48 shall include the removal and replacement of the existing loop detector at the intersection of Ocean Avenue and Niles Hill Road. The unit cost for this item shall include: removal of the existing loop detector wiring, saw

cutting, installation of new wiring, connection and integration into the existing system, and all required coordination with Connecticut DOT.

10. Please identify the limits of Item No. 41 - Loaming and Seeding.
    Limits of loaming and seeding will vary based on the Contractor's means and methods of construction. Therefore, the lump sum item shall include payment for loaming and seeding of all areas disturbed by the Contractor.

11. If water is encountered during construction and needs to be handled accordingly how is this work to be paid for?
    The potential cost of dewatering shall be included in any items requiring excavation.

12. Did the City perform any borings or test pits on the roadway? If so please provide this information.
    Eight borings were performed along the length of Ocean Avenue. Boring Logs are attached.

13. Please identify where Item No. 32 - Hot Poured Joint Sealer is to be installed.
    Hot Poured Joint Sealer shall be provided at all joints between existing and new roadway pavement.

14. Please identify the scope of work to be included in Item No. 44 - Repair of Existing Street Sign Monuments.
    There are two monuments to be repaired, both on the eastern side of the intersection of Ocean Avenue and Neptune Avenue (See Sheet 10 of the plan set). As detailed on Sheet 11 of the plan set, Item No. 44 shall include washing, repointing, and/or reconstruction of the existing monument bases as required and new precast concrete street name blocks with decorative finials. Photos of the monuments existing condition are attached.

15. Does the Project require any Construction Staking? If so please identify those requirements.
    The selected contractor will be responsible for reconstructing the roadway to the lines and grades indicated on the plan set. However, there are no specific requirements regarding intervals and markings of reference stakes.

16. Please identify on the plans the locations of any existing underground utilities.
    All underground utilities, for which as-built information was available for, are indicated on the plan set.

17. Please identify the scope of work to be included in Item No. 40 - Relocate Existing Utility Pole.
    See response to Question 2 in Addendum No. 1.

18. Will a list of Bidders that submitted the "Acknowledgement: Receipt of Invitation for Bids" be released in and Addendum?
A list of Anticipated Bidders is attached.

19. Does Item No. 34 - Pavement Markings include the installation of Temporary Hot Paint as well as Epoxy Pavement Markings?
Yes. Item No. 34 is intended to include all required temporary and permanent pavement markings throughout construction.

20. What is the State Funded portion of the project?
Project Construction is 100% funded by a Connecticut DOT LOTCIP Grant.

21. Are there any Bidders that meet the 15% local vendor preference?
No local New London based Contractors have returned the acknowledgment of receipt for the bidding documents.

ADDENDUM SUMMARY

1. Responses provided to Contractor submitted questions.

CITY OF NEW LONDON
CONNECTICUT

Record of Potential Bidders/Contractors

Project Name: Ocean Avenue Roadway Reconstruction

Bid No.: 2017-04

Bid Opening Date and Time: October 19, 2016 @ 2:00pm

NAME & ADDRESS	DOCUMENT	DATE TO BIDDER
King Construction, Inc. 16 Northwood Drive Bloomfield, CT 06002 Phone : (860) 242-2263 Fax : (860) 243-0091 Email : kingconst@sbcglobal.net	Invitation for Bids	9/30/2016
Quality Associates, Inc. 231 Silver Sands Road East Haven, CT Phone : (203) 467-6712 Fax : (203) 467-3429 Email : aciriello@qualcor.net	Invitation for Bids	10/04/2016
Empire Paving, Inc. 30 Bernhard Road North Haven, CT 06473 Phone : (203) 752-0002 Fax : (203) 752-0242 Email : lorettaq@empirepaving.com	Invitation for Bids	9/26/2016
J.H. Lynch & Sons, Inc. 50 Lynch Place Cumberland, RI 02864 Phone : (401) 333-4300 Fax : (401) 333-2659 Email : sales@jhlynch.com	Invitation for Bids	9/29/2016
American Industries, Inc. 630 Plainfield Road Jewett City, CT 06351 Phone : (860) 376-2537 Fax : (860) 376-3909 Email : ccarnot@americanind.net	Invitation for Bids	10/13/2016
Narragansett Improvement Company 223 Allens Avenue Providence, RI 02903 Phone : (401) 331-7420 Fax : (401) 351-6444 Email : apritchard@nicori.com	Invitation for Bids	9/26/2016

PROJECT NAME	Ocean Avenue Reconstruction	BORING NO.	B-1 ~STA 3+00
CME PROJECT #	2016056	PAGE	1 (excess sand from 788 Ocean Ave)
DRILLING COMPANY	General Borings	SITE	Ocean Ave ~ ~30' N of Beach D.
DRILLER	John and Paul	TOWN / STATE	New London
DRILLING METHOD	Hollow Stem Auger	CME GEOLOGIST	SRK
DRILL RIG MAKE/MODEL		CHECKED BY	
SAMPLER TYPE	Split Spoon		
HAMMER WT. (LBS)	140	HAMMER FALL (IN.)	30

CME

DATE STARTED 7/13/16

DATE FINISHED

DEPTH (FT)	SAMPLE NO.	PEN / REC. (IN.)	BLOWS PER 6 IN.		SOIL DENSITY	MATERIAL DESCRIPTION	USCS
0.0-2.0						~0.25' asphalt	
	B-1-1-3	2'/1.5	36	11		1.5' light brown fine-grained sand w/ few small angular rock fragments	SW
2.0-4.0			6	6			
	B-1-3-5	2'/1.5'	13	18		0.7' orange-brown medium grained sand w/ minor silt component	
4.0-6.0			19	20		0.8' fine-medium brown sand, low plasticity, non-cohesive w/ sub-rounded pebbles	SP
	B-1-5-7	2'/1.5'	23	37		1.5' brown/grey medium grained sand w/ minor component of angular rocks (pebbles) @ 6' deep well sorted	SP
6.0-8.0			43	38			
8.0-10.0							
10.0-12.0							
12.0-14.0							
14.0-16.0							
16.0-18.0							

BORING LOCATION SKETCH

NOTES:

Groundwater Observations:

Proportions: TRACE = <10%; LITTLE = 10 to 20%; SOME = 20 to 35%; AND = >35%

PROJECT NAME	Reconstruction of Ocean Avenue	BORING NO.	B-2 ~STA 8+50
CME PROJECT #	2016056	PAGE	8
DRILLING COMPANY	Geyser Borings	SITE	Ocean Ave - by school field, north of Cove View Rd
DRILLER	John and Paul	TOWN / STATE	New London, CT
DRILLING METHOD	Hollow Stem Auger	CME GEOLOGIST	SRK
DRILL RIG MAKE/MODEL		CHECKED BY	
SAMPLER TYPE	Split Spoon	DATE STARTED	7/13/2016
HAMMER WT. (LBS)	140 HAMMER FALL (IN.) 30	DATE FINISHED	

DEPTH (FT)	SAMPLE INFORMATION: SAMPLE NO.	PEN / REC. (IN.)	BLOWS PER 6 IN.	SOIL DENSITY	MATERIAL DESCRIPTION	USCS
0.0-2.0	B-2-1-3	2'/1.5'	15 11		5" asphalt 4" 3/4" stone 1.5' light/medium brown fine to med-grad sand w/ some silt well sorted (poorly graded	SP
2.0-4.0	B-2-3-5	2'/2'	8 10 10 18		1.2' light grey fine to med-grad sand - med. plasticity 0.4' light brown fine sand w/ silt - well sorted	SP
4.0-6.0	B-2-5-	2'/1.8'	11 33 29 36		0.4' light grey fine sand med plasticity - high plasticity grey fine-medium sand w/ small pieces of gravel uniform low/med plasticity	SW
6.0-8.0			36 36			
8.0-10.0					sampled to 7' last boring for day	
10.0-12.0						
12.0-14.0						
14.0-16.0						
16.0-18.0						

1-3 3-5 5-7 7-9

BORING LOCATION SKETCH

NOTES:
Groundwater Observations:

Proportions: TRACE = <10%; LITTLE = 10 to 20%; SOME = 20 to 35%; AND = >35%

PROJECT NAME Reconstruction of Ocean Ave	BORING NO. B-3 ~STA 13+00	
CME PROJECT # 2016056	PAGE 2	
DRILLING COMPANY General Borings	SITE Ocean Ave (across from 898 Ocean Ave)	
DRILLER John and Paul	TOWN / STATE New London	
DRILLING METHOD Hollow Stem Auger	CME GEOLOGIST SRK	DATE STARTED 7/13/2016
DRILL RIG MAKE/MODEL	CHECKED BY	DATE FINISHED
SAMPLER TYPE Split Spoon		
HAMMER WT. (LBS) 140 HAMMER FALL (IN.) 30		

DEPTH (FT)	SAMPLE INFORMATION					MATERIAL DESCRIPTION	USCS
	SAMPLE NO.	PEN / REC. (IN.)	BLOWS PER 6 IN.		SOIL DENSITY		
0.0-2.0	B-3-1-3	2'/1.5'	6	7		0.25' asphalt 1.5' fine-grained sand w/ silt bottom 0.5' has small (< 0.5" diameter) angular rock fragments	SW
2.0-4.0	B-3-3-4	11"/8"	18 34	28 50/5		grey fine-grained sand . well-sorted / poorly graded little plasticity	SP
4.0-6.0 4-6'		2'/1.5'	46	53		0.1' rock chips 1.9' grey fine-grained sand w/ small sub rounded rocks poorly sorted	SP
6.0-8.0 6-8	B-3-6-8	2'/2'	45 28	32 31		1' grey medium grained sand 0.4' grey fine sand w/ silt 0.6' grey medium sand well sorted/poorly graded	SP
8.0-10.0 8-10	B-3-8-9	8"/6"	33 52	38 50/2		fine sand w/ minor silt component slightly cohesive	
10.0-12.0							
12.0-14.0							
14.0-16.0							
16.0-18.0							

BORING LOCATION SKETCH

NOTES:
Groundwater Observations:

Proportions: TRACE = <10%; LITTLE = 10 to 20%; SOME = 20 to 35%; AND = >35%

PROJECT NAME Reconstruction of Ocean Ave	BORING NO. B-4 ~STA 18+25		
CME PROJECT # 216636	PAGE 1		
DRILLING COMPANY General Borings	SITE Ocean Ave - in front of 438 Ocean Ave		
DRILLER John and Paul	TOWN / STATE New London, CT		
DRILLING METHOD	CME GEOLOGIST SRK	DATE STARTED 7/13/2016	
DRILL RIG MAKE/MODEL	CHECKED BY	DATE FINISHED	
SAMPLER TYPE Split Spoon			
HAMMER WT. (LBS) 140 HAMMER FALL (IN.) 30			

DEPTH (FT)	SAMPLE INFORMATION				MATERIAL DESCRIPTION	USCS
	SAMPLE NO.	PEN / REC. (IN.)	BLOWS PER 6 IN.	SOIL DENSITY		
0.0-2.0	B-4-1-2	15"/15"	15 16		0.4' asphalt brown fine-grained sand w/ minor coarse sand component med. plasticity well sorted	SP
2.0-4.0			33/3		offset 2' to north (B-4A) bouldo @ 3'	
4.0-6.0	B-4A- cuttings				no recovery from 4'-6' in shoe granite composition rock fragments stuck	
6.0-8.0					primarily brown fine to med-grained sand w/ high plasticity minor silt component	
8.0-10.0						
10.0-12.0						
12.0-14.0						
14.0-16.0						
16.0-18.0						

BORING LOCATION SKETCH

NOTES:
Groundwater Observations:

Proportions: TRACE = <10%; LITTLE = 10 to 20%; SOME = 20 to 35%; AND = >35%

PROJECT NAME Reconstruction of Ocean Ave	BORING NO. B-5 ~STA 22+75	
CME PROJECT # 3016056	PAGE 3	
DRILLING COMPANY General Borings	SITE Ocean Ave - across from 970 Ocean Ave	
DRILLER John and Paul	TOWN / STATE New London, CT	
DRILLING METHOD Rotary Stem Auger	CME GEOLOGIST SRK	DATE STARTED 7/13/2016
DRILL RIG MAKE/MODEL	CHECKED BY	DATE FINISHED
SAMPLER TYPE Split Spoon		
HAMMER WT. (LBS) 140 HAMMER FALL (IN.) 30		

DEPTH (FT)	SAMPLE INFORMATION				SOIL DENSITY	MATERIAL DESCRIPTION	USCS
	SAMPLE NO.	PEN / REC. (IN.)	BLOWS PER 6 IN.				
0.0-2.0						7" asphalt light brown fine - med sand (0.2')	
	B-5-1-3	2'/1.5'	7	23		grey fine to medium grained sand few small sub-rounded pebbles well sorted	SP
2.0-4.0			23	35			
	B-5-3-5	2'/1.8'	49	39		grey med-grained sand sub-angular rock fragments	SW
4.0-6.0			24	23			
	B-5-5-7	2'/1.4'	14	21		fine medium grey sand low plasticity	SP
6.0-8.0			28	53			
						bored/sampled to 7' deep	
8.0-10.0							
10.0-12.0							
12.0-14.0							
14.0-16.0							
16.0-18.0							

BORING LOCATION SKETCH

NOTES:

Groundwater Observations:

Proportions: TRACE = <10%; LITTLE = 10 to 20%; SOME = 20 to 35%; AND = >35%

PROJECT NAME Reconstruction of Ocean Ave	BORING NO. B-7 ~STA 34+00	
CME PROJECT # 2016456	PAGE 4	
DRILLING COMPANY Geard Borings	SITE Ocean Ave - in front of 1065 Ocean Ave	
DRILLER John and Paul	TOWN / STATE New London, CT	
DRILLING METHOD Hollow Stem Auger	CME GEOLOGIST SRK	DATE STARTED 7/13/2016
DRILL RIG MAKE/MODEL	CHECKED BY	DATE FINISHED
SAMPLER TYPE Split Spoon		
HAMMER WT. (LBS) 140 HAMMER FALL (IN.) 30		

DEPTH (FT)	SAMPLE INFORMATION					MATERIAL DESCRIPTION	USCS
	SAMPLE NO.	PEN / REC. (IN.)	BLOWS PER 6 IN.		SOIL DENSITY		
0.0-2.0	B-7-1-3	2'/0.7'	7	12		0.5' asphalt 0.5' stone base - angular 3/4" gravel 0.1' asphalt fragments 0.1 rock chunk 0.5 brown fine-grained sand w/ silt cohesive, high plasticity some small sub-angular rock pebbles 0.2' asphalt fragments 1.8' fine-med grained sand w/ silt and abundant sub-angular rock fragments	SM
2.0-4.0	B-7-3-5	2'/2'	16 33	21 45			SW
4.0-6.0	B-7-5-7	2'/1'	32 23	16 25		fine-med grained sand w/ silt and abundant sub-angular rock fragments	SW
6.0-8.0	- - - -		16	31		Sampled to 7'	
8.0-10.0							
10.0-12.0							
12.0-14.0							
14.0-16.0							
16.0-18.0							

BORING LOCATION SKETCH	NOTES:
	Groundwater Observations:
	Proportions: TRACE = <10%; LITTLE = 10 to 20%; SOME = 20 to 35%; AND = >35%

12' east of west side of road

PROJECT NAME Reconstruction of Ocean Ave	BORING NO. B-9 ~STA 41+50	
CME PROJECT # 2016056	PAGE 5	
DRILLING COMPANY General Borings	SITE Ocean Ave - 1126 Ocean Ave	
DRILLER John and Paul	TOWN / STATE	
DRILLING METHOD Hollow Stem Auger	CME GEOLOGIST SRK	DATE STARTED 7/13/2016
DRILL RIG MAKE/MODEL	CHECKED BY	DATE FINISHED
SAMPLER TYPE Split Spoon		
HAMMER WT. (LBS) 140 HAMMER FALL (IN.) 30		

DEPTH (FT)	SAMPLE INFORMATION: SAMPLE NO.	PEN / REC. (IN.)	BLOWS PER 6 IN.	SOIL DENSITY	MATERIAL DESCRIPTION	USCS
0.0-2.0					0.25' asphalt boulder	
2.0-4.0	B-9-2-4	2'/1.5'	24 11 8 7		0.9' rock fragments 0.6' medium brown medium grained sand w/ small angular rock fragments	SW
4.0-6.0		2'/1'	7 8 6 12		0.2' rock fragments and med-grained sand 0.4' fine to med-grained sand w/ silt and trace sub-rounded pebbles 0.1' fine black asphalt 0.3' fine sand	SW
6.0-8.0		9"/9"	7 50/3		med-coarse sand and minor gravel component sub-rounded pebbles	
8.0-10.0					-auger refusal @ 8.5' - cuttings were 3/4" sub-rounded to sub-angular rock fragments	
10.0-12.0						
12.0-14.0						
14.0-16.0						
16.0-18.0						

BORING LOCATION SKETCH

NOTES:
Groundwater Observations:

Proportions: TRACE = <10%; LITTLE = 10 to 20%; SOME = 20 to 35%; AND = >35%

PROJECT NAME Reconstruction of Ocean Ave	BORING NO. B-10 ~STA 43+75	
CME PROJECT # 2016056	PAGE 6	
DRILLING COMPANY General Borings	SITE Ocean Ave ~ across from 1140 Ocean Ave	
DRILLER John and Paul	TOWN / STATE New London, CT	
DRILLING METHOD Hollow Stem Auger	CME GEOLOGIST SRK	DATE STARTED 7/13/2016
DRILL RIG MAKE/MODEL	CHECKED BY	DATE FINISHED
SAMPLER TYPE Split Spoon		
HAMMER WT. (LBS) 140 HAMMER FALL (IN.) 30		

DEPTH (FT)	SAMPLE INFORMATION					MATERIAL DESCRIPTION	USCS
	SAMPLE NO.	PEN / REC. (IN.)	BLOWS PER 6 IN.		SOIL DENSITY		
0.0-2.0	B-10-1-3	2'/1'	7	6		2" asphalt 3" 3/4"-1.5" angular stones 0.1' asphalt 0.5' brown fine-grained sand w/ some silt well sorted 1.4' grey fine-grained sand w/ some silt med plasticity	SP
2.0-4.0	B-10-3-5	2'/1.5'	12	9			
			15	30			
4.0-6.0		1"/0"	28	38		1.5' med-grained grey sand w/ angular rock fragments 3/4" angular stones coming up w/ cuttings Auger Refusal @ 6'	
			50/1				
6.0-8.0							
8.0-10.0							
10.0-12.0							
12.0-14.0							
14.0-16.0							
16.0-18.0							

BORING LOCATION SKETCH

NOTES:
Groundwater Observations:

Proportions: TRACE = <10%; LITTLE = 10 to 20%; SOME = 20 to 35%; AND = >35%


NEPTUNE PARK
2016.07.27 11:51


2016.07.27 11:51


2016.07.27 11:51


2016.07.27 11:51


2016.07.27 11:56


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