

July 15, 2009

Amendment No. 1

**Quality Assurance Service for
Material Testing and Sampling in the United States and Canada
CONTRACT NO: HBCD006
PIN: 84109MBBR373**

**Addendum #1
July 15, 2009**

NOTICE TO ALL PROPOSERS:

1. The Proposal Due Date has been extended until July 24, 2009.
2. The following pages should be added to the RFP in Section VII E 4.
Price Proposal: Summary Sheets Pages 20 through 26

Attach To Contract Document

**New York City Department of Transportation
Division of Bridges
Office of Consultant Programs**

**Quality Assurance Service for
Material Testing and Sampling in the United States and Canada
CONTRACT NO: HBCD006
PIN: 84109MBBR373**

**Addendum #1
July 15, 2009**

**Please be advised NO further questions will be entertained on this
procurement**

This Addendum is Hereby Made Part of the Contract Documents

NOTE:

Attached please find:

- 1. Addendum No. 1**
- 2. Responses to Pre-Proposal Conference Questions Raised to the Agency**
- 3. Section VII- 4. Price Proposal: Summary Sheets Pages 20 through 26**
- 4. Attendance Sheet**
- 5. Acknowledgement Receipt**

QUESTIONS AND ANSWERS:

Q1. In your RFP one of the requirements is NICET Level II in Civil Engineering Technology, is NICET Level II in Transportation Engineering Technology – Highway Materials Acceptable?

A1: NICET Level II in Transportation Engineering Technology – Highway Materials is acceptable.

Q2. Can we get a copy of the Attendance Sheet?

A2: Yes, it has been added to the Addendum.

Q3. What is the M/WBE target on this Contract as a %?

A3: 5% of the total contract has to go towards subcontracts under \$1M (Target Subcontracting Percentage) of which 20% must go to certified MWBE firms. (Refer to Section VII, of the RFP.)

Q4. Sub-consultant is used to satisfy M/WBE, are charges by the Sub-consultant subject to 5% over-ride?

A4: The prime consultant will receive 5% markup only on subcontracted services. The Sub-consultant will not receive a 5% markup.

Q5. Referring to task 1 item, "Quantity" in the table, are we to assure that we should quote unit price assuming 1 quantity for occurrence. Meaning the lab will receive only 1 item and not multiple quantities at one time?

A5: It is not possible to accurately predict the number of samples submitted to the testing facility at any given time. The Department may not require the firm to conduct the full battery of test as listed under any contract item. The firm will be reimbursed for the actual number of test performed on the samples furnished.

Q6. Referring to Task 1, description item "Chemistry", how many elements do you require in each test?

A6: Since the question does not specify a particular material or a contract item, we like to note that material's hardness will be tested as specified in the applicable NYSDOT specification and referenced ASTM.

Q7. Referring to Task 1, description item "hardness". Is this micro-hardness or macro-hardness. Please explain which test you require.

A7: Since the question does not specify a particular material or a contract item, we like to note that material's hardness will be tested as specified in the applicable NYSDOT specification and referenced ASTM.

Q8. In the event that multiple laboratories are to be utilized for sample testing will AASHTO certification be required per site given that each location is owned and operated by the same Company?

A8: Each facility involved in the testing of our materials is required to have its own AASHTO Certification.

Q9. Can an Asian American MWBE be utilized to meet the Local Law 129 requirement associated with this contract?

A9: NO. The MWBE goals for this RFP include the following categories only: Black American, Hispanic American and Caucasian Female. (Refer to page 1 of Schedule D, Section VII F.)

**TEST ITEMS PRICE SCHEDULE
TASK 2.
TESTING FOR THE PRODUCT EVALUATION**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
	[A] Concrete Related Tests				
CT-1	Compression Test of Concrete Cylinders including Capping, ASTM C39, NYSDOT TOM 501-3P	18000	tests		
CT-2	Compression Test of 2" Diameter Core	30	tests		
CT-3	Compression Test of 3" Diameter Core	200	tests		
CT-4	Compression Test of 4" Diameter Core	100	tests		
CT-5	Compression Test of 4" Square, Sawed Specimen Chloride Content of 4" Diameter Core, NYSDOT	5	tests		
CT-6	TM 502-4L	30	tests		
CT-7	Percent Fines in Aggregate, ASTM C117	30	tests		
CT-8	Sieve Analysis of Aggregate, ASTM C136, NYSDOT	40	tests		
CT-9	Unit Weight and Percent Voids in Aggregate, ASTM C29	75	tests		
CT-10	Specific Gravity and Absorption of Coarse Aggregate, AASHTO T-85	20	tests		
CT-11	Specific Gravity and Absorption of Fine Aggregate, ASTM C128	20	tests		
CT-12	Moisture Content of Aggregate, AASHTO T-255	40	tests		
CT-13	Lightweight Pieces in Aggregate, ASTM C123	100	tests		
CT-14	Resistance to Degradation by Abrasion of Small Size Coarse Aggregate, ASTM C131	20	tests		
CT-15	Resistance to Degradation by Abrasion of Large Size Coarse Aggregate, ASTM C535	20	tests		
CT-16	Percent Clay Lumps and Friable Particles in Aggregate, ASTM C142	20	tests		
CT-17	Flexural Strength of Concrete, ASTM C78	20	tests		
CT-18	Splitting Tensile Strength of Concrete, ASTM C78	20	tests		
CT-19	Unit Weight, Yield, Air Content, ASTM C138	75	tests		
CT-20	Petrographic Test, ASTM C856, AASHTO T299	50	tests		
CT-21	Freeze & Thaw Test, NYSDOT Test Method 502-3P	80	tests		
	ITEM TOTAL				

TEST ITEMS PRICE SCHEDULE
TASK 2.
TESTING FOR THE PRODUCT EVALUATION

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
[B] Soil Related Tests					
ST-1	Particle Size Analysis of Soils, ASTM D442	30	tests		
ST-2	Liquid Limit, Plastic Limit, Plasticity Index, ASTM D4318 Soil Density and Moisture Content by Nuclear Methods, ASTM D2922 and D3017	30	tests		
ST-3	Moisture-Density Relationship of Soil and Aggregate, ASTM D698	50	days		
ST-4	Soil Density by Sand Cone Method, ASTM D1556	50	tests		
ST-5	Moisture Content by Direct Heating Method, ASTM D1556	30	tests		
ST-6		30	tests		
ITEM TOTAL					
[C] Asphalt Related Tests					
AT-1	Resistance to Plastic Flow Using Marshall Apparatus, NYSDOT TM 400-9C, AASHTO T-245	150	tests		
AT-2	Penetration, ASTM D5	150	tests		
AT-3	Water Content, ASTM D244	150	tests		
AT-4	Homogeneity, ASTM D2984	150	tests		
AT-5	Maximum Theoretical Specific Gravity (Rice Test) ASTM D2041, AASHTO T209	200	tests		
AT-6	Bulk Specific Gravity, ASTM D2726, AASHTO T166 Marshall One Point Verification Test, NYSDOT	250	tests		
AT-7	MM 5.13	150	tests		
AT-8	Asphalt Density by Nuclear Methods, ASTM D2950	300	days		
AT-9	Bituminous Extraction, Method A, ASTM D2172	150	tests		
AT-10	Gradation of Aggregate, AASHTO T-30	150	tests		
AT-11	Viscosity of Asphalt Cement at 140°F, ASTM D2170	150	tests		
AT-12	Viscosity of Asphalt Cement at 275°F, ASTM D2170	150	tests		
AT-13	Asphalt Recovery by Abson Method, ASTM D1866 Superpave Mix Design Verification Review and Lab Testing, NYSDOT MM5.16	150	tests		
AT-14		10	tests		
AT-15	Micro Surfacing - Sand Equivalent (ASTM D2419 - 02)	10	tests		
AT-16	Micro Surfacing - Total % Noncarbonate Particles (MM-28)	10	tests		
ITEM TOTAL					

**TEST ITEMS PRICE SCHEDULE
TASK 2
TESTING FOR THE PRODUCT EVALUATION**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
	[D] Tests on Metals				
MT-1	Machining and Testing Weld or Base Metal Specimens as Described in ASTM A370 Tension Test (ASTM E8)				
	A. Up to 99,999 Lbs.	50	tests		
	B. 100,000 Lbs. to 199,999 Lbs.	50	tests		
	C. 200,000 Lbs. to 280,000 Lbs.	50	tests		
MT-2	Bend Test				
	A. Face, Root, and Side Bends	50	tests		
	B. Free Bend Test Up to and Including 3/4"	50	tests		
	C. Over 3/4" Up to and Including 1-1/2"	50	tests		
MT-3	Brinell Hardness, ASTM E10	150	tests		
MT-4	Rockwell Hardness, ASTM E18	150	tests		
MT-5	Notched Bar Impact, ASTM E23	150	tests		
MT-6	Elemental Chemical Analysis				
	A. Carbon, Manganese, Silicon, Sulfur, and Phosphorous	20	tests		
	B. Chromium, Copper, Molybdenum, and Nickel	20	tests		
	C. Vanadium, Titanium, and Zirconium	20	tests		
	D. Columbium and Nitrogen	20	tests		
MT-7	Complete Radiographic Unit with Two Man Crew (Iridium 192 or Cobalt 60 as Directed)				
	(4 Hours Minimum)	50	days		
MT-8	Complete Magnetic Particle Testing Unit with One Man Crew				
	(1,000 Amp to 3,000 Amp)	50	days		
MT-9	Complete Ultrasonic Testing Unit with One Man Crew				
	(1,000 Amp to 3,000 Amp)	50	days		
MT-10	Complete Equipment for Dye Penetrant Testing With One Man Crew (4 Hour Minimum)				
		50	days		
					ITEM TOTAL

**TEST ITEMS PRICE SCHEDULE
TASK 2
TESTING FOR THE PRODUCT EVALUATION**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE:EXTENDED AMOUNT
	[E] Tests Related to Pavements and Bridge Deck Slabs			
	Nuclear Density Testing-Concrete Bridge Decks			
PT-1	NYS DOT MM NY 9.5, Bituminous Concrete in Place ASTM D2950 (4 Hour Minimum)	20	days	
PT-2	Nondestructive Pavement Testing Using a Falling Weight Deflectometer (4 Hour Minimum) Mobilization and Demobilization	10	days	
PT-3	Coring Services, AASHTO T-24 Without Lane Closure	20	days	
	Plus for Service in Excess of 8 Hrs in One Day With Lane Closure When the Shadow Vehicle is: Heavy	40	hrs.	
	Dump Truck	19	days	
	Heavy Dump Truck with Attenuator	19	days	
	Stake Body Truck	9	days	
	Patrol Truck	9	days	
	Pickup Truck	10	days	
	Plus for Service in Excess of 8 Hrs in One Day	110	hrs.	
	Plus Core Charge			
	Portland Cement Concrete			
	2" Diameter, Drilled Length	450	inches	
	3" Diameter, Drilled Length	450	inches	
	4" Diameter, Drilled Length	500	inches	
	Portland Cement Concrete Filled Grid Deck 4" Diameter, Drilled Length	200	inches	
	6" Diameter, Drilled Length	250	inches	
	ITEM TOTAL			
	TOTAL PRICE SPECIFIED TEST (A+B+C+D+E)			

TEST ITEMS PRICE SCHEDULE
TASK 2.
TESTING FOR THE PRODUCT EVALUATION

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
	[F] MISCELLANEOUS UNSPECIFIED TESTS IN LABORATORY <small>(Total Value of unspecified miscellaneous tests not to exceed \$350,000)</small>				
MUT-00	Total Miscellaneous Unspecified Tests	350000	LS		
OS-01	Inspector hrs. to obtain samples for TASK 2 testing	6000	Hrs		
ME-01	Misc. Expenses for TASK 2 testing	0	LS		
Totals: Task 2					

TASK 3.
SAMPLING FOR THE BASIS OF MATERIALS ACCEPTANCE:

Estimated Number of Total Hours = 48,180

Break Down of Total Hours:- (Carried to Form 4T1)

<u>Inspector:</u>	12,834
<u>Senior Inspector:</u>	29,946
<u>Chief Inspector/Project Manager:</u>	5,400
TOTAL	48,180

Estimated Reimbursable Expenses = \$200,000

TEST ITEMS PRICE SCHEDULE

TASK 4

TESTING FOR THE BASIS OF BRIDGE PAINTING ACCEPTANCE

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
18570.86	Epoxy Paint System.				
831.07	Zinc Paint System.				
1-	Weight Solids - ASTM D2369	100	tests		
2-	Volume Solids - ASTM D2697	40	tests		
3-	Viscosity - ASTM D562	100	tests		
4-	Percentage Pigment - ASTM D3723 OR ASTM D2371	100	tests		
5-	Weight/Gallon - ASTM D1475	100	tests		
6-	Fineness of Grind - ASTM D1210	40	tests		
7-	Colors per Panel - ASTM D2244	100	tests		
8-	Lenatta Draw Down Anti-Sag - ASTM4400FTM4494	40	tests		
9-	Dry Time - ASTM D1640	40	tests		
10-	Pot Life	40	tests		
11-	VOC Content - ASTM D3960				
	Solvent Borne	100	tests		
	Waterborne	50	tests		
12-	Sample Disposal Charge				
	Disposal Fees	1000	Gallon		
	Laboratory Equipment Charge				
13-	FT-IR-ASTM D2621	100	tests		
14-	Sampling Charge (Labor)	50	Days		
Totals: Task 4					

**QUALITY ASSURANCE SERVICES FOR
MATERIAL TESTING AND SAMPLING IN THE UNITED STATES AND CANADA**

**CONTRACT NO.: HBCD006
PIN: 84109MBBR373**

**Pre-Proposal Conference
SIGN - IN SHEET**

Wednesday, July 1, 2009 @ 2:00 pm

55 Water Street, Bid Room

PLEASE PRINT NAME:	REPRESENTING:	TELEPHONE #:
RICHARD H. LEACH, PE	PENNONI ASSOCIATES Inc	(610) 277-2402
Rich Kushaur	MT Group	631 815 1818
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THE CITY OF NEW YORK
DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES

ACKNOWLEDGEMENT RECEIPT OF ADDENDUM #1

QUALITY ASSURANCE SERVICES FOR
MATERIAL TESTING AND TESTING SAMPLING IN THE
UNITED STATES AND CANADA
CONTRACT NO: HBCD006
PIN: 84109MBBR373

Addendum #1

TOGETHER WITH ALL WORK INCIDENTAL THERETO

I, _____
(NAME AND TITLE)

A duly authorized representative of
(NAME OF PROPOSERS)

Acknowledge receipt of Addendum No. 1 dated July 15, 2009 for the
Contract No. HBCD006