

ADDENDUM NO. 2

Boquet River Non-Point Source Pollution Improvement Project

Town of Willsboro, New York

May 29, 2015

TO ALL CONTRACT DOCUMENT HOLDERS AND PROSPECTIVE BIDDERS:

This Addendum is issued to document clarifications and modifications to the Contract Documents for the Boquet River Non-Point Source Pollution Improvement Project. This Addendum is made a part of the Contract Documents. Each bidder must acknowledge receipt of the Addendum on the Proposal Form.

1. Addendum No. 1 was issued with a date of October 21, 2015. That date is in error. It should be May 21, 2015.
2. As indicated in the Pre-Bid meeting minutes, NYCO is donating the stone that is specified for the project. The contractor will be responsible for loading and transporting the stone to the construction site. The location of the mine is on Seventy Road in Lewis, New York. All operators in the mine will need to be MSHA (Mine Safety and Health Administration) trained and certified, have minimum NYCO required insurance coverage, and receive a contractor ID from NYCO. Contact Brian Glackin at brian.glackin@imerys.com or 518-963-2151 for details. Email is the preferred method of first contact.
3. The Seventy Road mine has daily truck trip limitations by APA permit. For its operations NYCO will consume these permitted truck trips. In order to serve this project, it will be necessary for NYCO to submit to the APA a request to allow trucking to the Boquet River project site over and above their permitted limits. In order to facilitate this request, the contractor will be required to submit details regarding anticipated hauling activities, frequency, and timing a minimum of 30 days prior to commencing with any hauling activity.
4. An Engineer's Estimate of Quantities is attached.
5. The engineer's estimate for construction is \$500,000 to \$700,000
6. Soil Borings were completed in 2014. Soil boring logs are attached to this addendum and the soil boring locations are indicated on Sheet EC.1.

Attachments: List of estimated quantities
Soil Boring Logs

May 2015

Engineer's Estimate of Quantities: Full Project

Item#	Description	Unit	Estimated Quantity
1	Clearing and Grubbing	Acre	1.4
2	Common Excavation	CY	2,800
3	Bank Run Backfill	CY	720
4	River Diversion	LS	1
5	Subbase of Gravel	CY	425
6	Aggregate Surface Course	CY	121
7	Geotextile for roadbed separator	SY	1100
8	Medium stone fill (installed)	CY	570
9	Medium stone fill (material only)***	CY	570
10	Geotextile under Stone Fill	SY	900
11	Wood Timber Steps, Path	LS	1
12	Rockery Crib Wall (installed)	LF	280
13	Rockery Crib Wall (material only)***	CY	616
14	Vegetated Geogrids (4 Layers)	LF	410
15	Branch Layers	SY	480
16	Engineered Log Jam #1*	EACH	1
17	Engineered Log Jam #2*	EACH	1
18	Engineered Log Jam #3 and #4*	EACH	2
19	Geotextile for Silt Fence	SY	490
20	Geotextile for Turbidity Curtain	SY	90
21	Miscellaneous Erosion and Sediment Control	LS	1
22	Native Trees 3' to 6' with Tubs and Mats	EACH	100
23	Compost / Soil Amendment	CY	100
24	Mobilization / Demobilization	LS	1

The engineer's estimate of construction quantities is based on ESPC's reasonable professional judgment and experience and does not constitute a warranty, express or implied. The contractor shall be responsible for confirming the quantities used in his/her bid

Soil Boring Logs

Project Name: Boquet River Stabilization Project
 Location: Mill Street, Willsboro, New York
 Date: February 7, 2014
 ESPC Project #: 20121240
 Logged By: Erik Sandblom, P.E.
 Method: HAS Drill Rig, Aquifer Drilling and Testing

Interval	Method	Blow Counts	Rec./Pen..	USCS	Description
Soil Boring: SB14-01					
0'-3'	Auger	N/A	N/A		Fine to coarse granular black ash. Variable round and angular shapes. Frost approx. 1 ft. deep.
5'-7'	S.S.	8,6,5,3	20"/24"		Dry black fine silty sandy ash over fine gray /black gravel tailings.
5'-10'	Auger	N/A	N/A		Auger dropped fast – possible void.
10'-12'	S.S.	1,2,1,2	3"/24"		Black silty ash
15'-17'	S.S.	7,3,2,5	12"/24"		Wet black ash over gray friable to firm sandy clay and gravel over firm gray silty clay.
20'-22'	S.S.	10,8,12,12	19"/24"		Wet gray firm plastic with silt and some very fine sand and fine gravel.
25'-27'	S.S.	8,15,26,50 over 0.4'	24"/22"		Wet gray firm silty clay with some sand. Rock pieces in shoe of sampler.
30'-32'	S.S.	13,14,19,49	8"/24"		Gray firm very fine sandy and silty clay and broken rock pieces.
35'-37'	S.S.	50 over 0.2'	3"/2.5"		Wet firm gray silty sandy clay.
40'-42'	S.S.	5,10,50 over 0.4'	14"/17"		West firm gray clay with silt and trace of sand.
Soil Boring SB14-02					
0'-5'	Auger	N/A	N/A		Ash and sand. Frost at 1' depth.
5'-7'	S.S.	4,7,43,14	17"/24"		Dry black cinders, fine gravel, sand, and silt over white firm gravelly Wallowstonite tailings (samples split / see picture)
10'-12'	S.S.	1,1,3,5	14"/24"		Wet black friable fine gravel, sand, and silt ash.
15'-17'	S.S.	3,1,1,13	24"/24"		Wet soft dark brown/black medium to coarse sand and silt.
15'-20'	Auger	N/A	N/A		Difficult drilling – likely stony till.
20'-22'	S.S.	55,59,7,21	9"/24"		Broken up stones, some silty gray clay, stone stuck in shoe.
25'-30'	S.S.	7,13,15,15	0"/24"		Stones and some wet silty clay in shoe.
35'-37'	S.S.	32,9,9,10	24"/24"		Wet friable to firm gray silty clay with some fine sand. Plastic clay in shoe with less sand.
37'-39'	S.S.	13,7,7,15	24"/24"		Gray firm plastic clay with some silt, very little sand.