



JOHN ELIAS BALDACCI
GOVERNOR

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0016

DAVID A. COLE
COMMISSIONER

June 25, 2009
Subject: **Batchelders Grant & Gilead**
Federal Project No's: PFH-8869(00)X &
PFH-8869(10)S
State Pin No's: 008869.00 & 008869.10
Amendment No. 1

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book (pages 4 through 8), **REMOVE** the "SCHEDULE OF ITEMS" 5 pages dated 090610 and **REPLACE** with the attached new "SCHEDULE OF ITEMS" 5 pages dated 090619 5pages dated 090619.

In the Bid Book (pages 28 through 34), **REMOVE** the "Construction Notes" 7 pages undated and **REPLACE** them with the attached new "Construction Notes" 7 pages undated.

The following question has been received:

Question: The project calls for 23,000 SY of Geocell confinement system, can you provide your specifications for the material and the anchor system you wish to have provided.

Response: Presto GW20V – 4inch depth geocell sections and the ATRA clips used as part of the anchoring system will be provided by MDOT as per Special Provision 620.03 A and B, 620.05 A and 620.07. ATRA Keys to connect the geocell sections will be provided by the Contractor and installed as per the manufacturer's recommendations. http://www.reynoldspkg.com/alcoa-geo/en/solutions/atra_key.asp
Frequency of connection will be as specified by the manufacturer. Supplier will provide the design for installation of the geocell units.

Consider these changes and information prior to submitting your bid on **July 8, 2009**.

Sincerely,

Scott Bickford
Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 008869.00

PROJECT(S): PFH-8869(00)X

PFH-8869(10)S

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	201.11 CLEARING	0.900 AC				
0020	202.203 PAVEMENT BUTT JOINTS	60.000 SY				
0030	203.20 COMMON EXCAVATION	1900.000 CY				
0040	203.24 COMMON BORROW	1050.000 CY				
0050	203.242 DIRTY BORROW	100.000 CY				
0060	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	15.000 CY				
0070	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	620.000 CY				
0080	403.210 HOT MIX ASPHALT 9.5 MM HMA	250.000 T				
0090	403.211 HOT MIX ASPHALT (SHIMMING)	80.000 T				
0100	403.213 HOT MIX ASPHALT 12.5 MM BASE	190.000 T				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 008869.00

PROJECT(S): PFH-8869(00)X
PFH-8869(10)S

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	409.15 BITUMINOUS TACK COAT - APPLIED	165.000 G				
0120	502.248 UNDERWATER GROUT BAGS	3.500 CY				
0130	603.171 18 INCH CORRUGATED METAL PIPE	86.000 LF				
0140	605.09 6 INCH UNDERDRAIN TYPE B	625.000 LF				
0150	605.10 6 INCH UNDERDRAIN OUTLET	50.000 LF				
0160	606.151 GUARDRAIL TYPE 3AA - SINGLE RAIL	500.000 LF				
0170	606.17 GUARDRAIL TYPE 3B - SINGLE RAIL	75.000 LF				
0180	606.172 GUARDRAIL TYPE 3B - SINGLE RAIL, 8' POSTS	25.000 LF				
0190	606.201 GUARDRAIL TYPE 3AA - OVER 15 FOOT RADIUS	100.000 LF				
0200	606.22 GUARDRAIL TYPE 3B - OVER 15 FOOT RADIUS	275.000 LF				
0210	606.261 TERMINAL ENDS - SINGLE RAIL TYPE 3AA	8.000 EA				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 008869.00

PROJECT(S): PFH-8869(00)X
PFH-8869(10)S

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	EA 39.000				
0230	606.269 TEMPORARY TERMINAL END SINGLE RAIL GALVANIZED STEEL	EA 2.000				
0240	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	EA 5.000				
0250	606.354 REMOVE & RESET FLEXIBLE GUARDRAIL MARKER	EA 3.000				
0260	606.36 GUARDRAIL REMOVED AND RESET	LF 1350.000				
0270	610.07 STONE FILL	CY 2000.000				
0280	613.319 EROSION CONTROL BLANKET	SY 510.000				
0290	615.07 LOAM	CY 220.000				
0300	618.1411 SEEDING METHOD NUMBER 3 - PLAN QUANTITY	UN 33.000				
0310	618.146 SEEDING HYDROMULCH GROWTH MEDIUM	UN 23.000				
0320	619.1201 MULCH - PLAN QUANTITY	UN 33.000				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 008869.00

PROJECT(S): PFH-8869(00)X
PFH-8869(10)S

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	620.58 NON WOVEN GEOTEXTILE	2900.000 SY				
0340	620.604 GEOCELL CONFINEMENT SYSTEM	23000.000 SF				
0350	627.711 WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE (PLAN QUANTITY)	1980.000 LF				
0360	627.76 TEMPORARY PVMT. MARK LINE, W OR YELLOW	LUMP	LUMP			
0370	629.05 HAND LABOR, STRAIGHT TIME	10.000 HR				
0380	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20.000 HR				
0390	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	40.000 HR				
0400	652.33 DRUM	30.000 EA				
0410	652.34 CONE	70.000 EA				
0420	652.35 CONSTRUCTION SIGNS	280.000 SF				
0430	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP	LUMP			

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 008869.00

PROJECT(S): PFH-8869(00)X

PFH-8869(10)S

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0440	652.38 FLAGGER	1300.000 HR				
0450	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0460	659.10 MOBILIZATION	LUMP	LUMP			
	TOTAL BID					

Construction Notes

Item #201.11 Clearing

Clearing will be as shown on the plans. Areas may be added or deleted by the resident.

Item #202.203 Pavement Butt Joints

Station to Station	Comments
354+85-355+00	Overlay section
367+50-367+65	Overlay section

Item #203.20 Common Excavation

Station – Station	Est. Quantity (cy)	Comment
+/- 58+75-76+00 LT	1205	Geocell areas only, x-sections
342+10-349+40 LT/RT	695	Full construction section

Item #203.24 Common Borrow

Station – Station	Est. Quantity (cy)	Comment
59+00-65+00 RT	1050	Fill slopes, x-sections

Final quantities will be determined in the field. Final quantities to be adjusted based on usable excavation

Item #203.242 Dirty Borrow

Station – Station	Est. Quantity (cy)	Comments
354+85-367+65 LT/RT	100	Backup pavement, overlay areas only

Item #206.07 Structural Rock Excavation- Drainage and minor structures

Station – Station	Est. Quantity (cy)	Comment
342+10-349+40 LT/RT	15	Full construction section

Item #304.10 Agg. Subbase Crse Gravel

Station – Station	Est. Quantity (cy)
342+10-349+40 LT/RT	620

Construction Notes

Item #403.210 9.5mm HMA Surface

Station – Station	Est. Quantity (ton)	Comment
308+20	3	X-pipe trench
342+10-349+40	110	Full construction section
354+85-367+65	120	Overlay areas

Item #403.211 9.5mm HMA Shim

Station – Station	Est. Quantity (ton)	Comment
354+85-367+65	80	Overlay areas

Item #403.213 12.5mm HMA Base

Station – Station	Est. Quantity (ton)	Comment
342+10-349+40 LT/RT	190	Full construction section

Item #502.248 Underwater Grout Bags

Station	Est. Quantity (cy)	Comment
11+76	3.5	See SP 502

Item #603.175 18 in. Corrugated Metal Pipe

Station	Length
308+20	30
343+90	28
347+00	28

Item #605.09 150mm UD Type B

Station – Station	Length (ft)	Comment
342+70-343+85 LT	115	See typical section
344+20-246+90 LT	270	See typical section
344+70-346+95 RT	225	See typical section

Item #605.10 150mm UD Outlet

Station – Station	Length (ft)	Comment
342+55-342+70 LT	20	15' LT
344+10-246+20 LT	10	14' LT
344+55-344+70 RT	20	16' RT

Construction Notes

Item #606.17 GR- Type 3B- Single Rail

<u>Station – Station</u>	<u>Length (ft)</u>	<u>Comment</u>
10+66-10+79 RT	12.5	1 panel
48+07-48+20 RT	12.5	1 panel
59+34-59+72 RT	37.5	3 panels
61+38-61+50 RT	12.5	1 panel

Item #606.172 GR- Type 3B- 8' Posts

<u>Station – Station</u>	<u>Length (ft)</u>	<u>Comment</u>
326+80-326+92 LT	12.5	1 panel
326+19-326+31 LT	12.5	1 panel

Item #606.22 GR, Type 3B, Over 15' Radius

<u>Station – Station</u>	<u>Length (ft)</u>	<u>Comments</u>
10+54-10+66 RT	12.5	
47+95-48+07 RT	12.5	
58+50-58+62 RT	12.5	
59+72-59+85 RT	12.5	
61+25-61+38 RT	12.5	
157+65-157+77 LT	12.5	
191+73-191+85 LT	12.5	8' posts
191+85-191+97 RT	12.5	
192+72-192+84 LT	12.5	8' posts
192+84-192+96 RT	12.5	8' posts
217+17-217+29 RT	12.5	8' posts
217+17-217+29 LT	12.5	
217+47-217+60 RT	12.5	
217+47-217+60 LT	12.5	
268+17-268+29 RT	12.5	
268+17-268+29 LT	12.5	8' posts
268+45-268+57 RT	12.5	
268+45-268+57 LT	12.5	
326+07-326+19 LT	12.5	
326+19-326+31 RT	12.5	
326+80-326+92 RT	12.5	8' posts
326+92-327+04 LT	12.5	8' posts

Construction Notes

Item #606.265	Terminal End-Single Rail-Galv. Steel	
<u>Station</u>	<u>Each</u>	<u>Comments</u>
10+54 RT	1	
47+95 RT	1	
58+50 RT	1	
59+85 RT	1	
61+25 RT	1	
157+65 LT	1	
157+77 LT	1	
192+72 LT	1	
192+84 LT	1	
192+84 RT	1	
192+96 RT	1	
191+73 LT	1	
191+85 LT	1	
191+85 RT	1	
191+97 RT	1	
217+17 RT	1	
217+17 LT	1	
217+29 RT	1	
217+29 LT	1	
217+47 RT	1	
217+47 LT	1	
217+60 RT	1	
217+60 LT	1	
268+17 RT	1	
268+17 LT	1	
268+29 RT	1	
268+29 LT	1	
268+45 RT	1	
268+45 LT	1	
268+57 RT	1	
268+57 LT	1	
326+07 LT	1	
326+19 RT	1	
326+31 RT	1	
326+31 LT	1	
326+80 RT	1	
326+80 RT	1	
326+92 RT	1	
327+04 LT	1	

Construction Notes

Item #606.269 Temporary Terminal End-Single Rail-Galv. Steel

Station	Each	Comments
51+00 RT	1	
58+50 RT	1	

Item #606.353 Reflectorized Flexible GR Markers

Station	Each	Comments
10+66 RT	1	
48+07 RT	1	
59+85 RT	1	
61+38 RT	1	
70+40 RT	1	

Item # 606.354 Remove and Reset GR Marker

Station	Each	Comments
5+67 RT	1	
8+20 RT	1	
12+00 RT	1	

Item # 606.36 GR- Remove and Reset

Station – Station	Length (ft)	Comment
5+55-8+30 RT	262.5	21 panels
10+79-12+10 RT	125	10 panels
48+20-51+07 RT	112.5	9 panels
58+62-59+34 RT	650	52 panels
61+50-68+00 RT	187.5	15 panels

Construction Notes

Item # 610.07 Stone Fill

<u>Station</u>	<u>Description</u>
	Stone fill will be placed at various locations as shown on the plans AND the following locations:
11+76 RT	(construct apron and fill scour hole as directed)
54+96 RT	(blowout)
222+00 LT/RT	(inlet and outlet of existing pipe as directed)
227+15 RT	(outlet of existing pipe as directed)
229+00 LT	(ditch and inlet of pipe as directed)
234+03 LT/RT	(inlet and outlet of existing pipe as directed)
237+55 LT/RT	(inlet and outlet of existing pipe as directed)
239+10 LT/RT	(inlet and outlet of existing pipe as directed)
250+30 RT	(outlet of existing pipe as directed)
308+20 LT/RT	(inlet and outlet of new pipe as directed)
343+90 LT/RT	(inlet and outlet of new pipe as directed)
347+00 LT/RT	(inlet and outlet of new pipe as directed)
342+55 LT	(UD outlet as directed)
344+10 LT	(UD outlet as directed)
344+55 RT	(UD outlet as directed)
	*All stone fill to be placed at a depth of 24"

Item # 613.319 Erosion Control Blanket

This item to be used in all ditches and other areas as directed by the resident.

Item #615.07 Loam

<u>Station – Station</u>	<u>Est. Quantity (cy)</u>	<u>Comments</u>
Geocell slopes		Incidental to Item #620.604
58+50-65+00 RT	220	Behind GR, 4" Depth

Item #618.1411 Seeding Method #3- Plan Qty

<u>Station – Station</u>	<u>Est. Quantity (UN)</u>	<u>Comments</u>
58+50-65+00 RT	33	Behind GR, overlay areas

Item #619.1201 Mulch- Plan Qty

<u>Station – Station</u>	<u>Est. Quantity (UN)</u>	<u>Comments</u>
58+50-65+00 RT	33	Behind GR, overlay areas

Item #620.58 Erosion control geotextile

<u>Station – Station</u>	<u>Est. Quantity (SY)</u>	<u>Comments</u>
+/-58+75-65+00 RT	2900	To be placed beneath stone fill

Construction Notes

Item #627.711 White or Yellow Pavement Marking- Plan Qty

Station – Station	Est. Quantity (ft)	Comments
342+40-349+10	670	Yellow center line only
354+55-367+65	1310	Yellow center line only

Item #631.12 All-Purpose Excavator (Including Operator)

Station – Station	Est. Quantity (ft)	Comments
342+40-343+30 RT	90	Inslope
343+30-343+60 RT	30	Ditching
343+60-344+55 RT	95	Inslope
347+00-349+10 LT	210	Ditching
347+00-349+10 RT	210	Inslope
+/- 364+00-366+50		Misc. subsurface boulders as directed, 6 total

*All inslope and ditching to be paid under equipment rental items. Areas may be added or deleted by the resident.

Item #631.172 Truck- Large (Including Operator)

Station – Station	Est. Quantity (ft)	Comments
342+40-343+30 RT	90	Inslope
343+30-343+60 RT	30	Ditching
343+60-344+55 RT	95	Inslope
347+00-349+10 LT	210	Ditching
347+00-349+10 RT	210	Inslope
+/- 364+00-366+50		Misc. subsurface boulders as directed, 6 total

*All inslope and ditching to be paid under equipment rental items. Areas may be added or deleted by the resident.