

Cm1734-AA18
05-1249

West Nassau Landfill - Final Closure
Contract No. CM1734 (Bid No. NC11-004)

2012 OCT 19 AM 10:09

ALLOWANCE AUTHORIZATION
(Line Item #4)

Issued by: Golder Associates Inc.

To: Comanco Environmental Corporation

Allowance Authorization No.: 18 (Out of sequence)✓

Date: 10/16/2012

Description: The following allowance is authorized:

1.	South slope GFFR remediation	\$	<u>52,408.05</u>
	(Unit price cost break down is detailed in the attached back-up memo from Comanco)		

Total: \$ 52,408.05✓

Additional Time Authorized: NA Days (Additional days must be approved by written Change Order)

Beginning Allowance Amount:	\$	600,000.00
Allowance Previously Authorized:	\$	276,822.68 ✓
Remaining Allowance Available:	\$	323,177.32 ✓
Amount Authorized by this Allowance:	\$	52,408.05 ✓
Amount Remaining:	\$	270,769.27 ✓ RKA 10/17/12

Glenn R. Carwell III Oct 16, 2012
 Issued by: Glenn R. Carwell III, Senior Engineer and Associate Date
 Golder Associates

Clayton Lung 10/16/2012
 Accepted by: Clayton Lung, Project Manager Date
 Comanco Environmental Corporation

Scott Herring 10/18/12
 Approved by: Scott Herring, Director of Public Works Date
 Nassau County, Florida

Charlotte Young 10/18/12
 Approved by: Charlotte Young, Contracts Administrator Date
 Nassau County, Florida



ARC

October 15th, 2012

Mr. Chip Carwell
Golder Associates
9428 Baymeadows Road, Suite 400
Jacksonville, FL 32256

RE: WEST NASSAU LANDFILL CLOSURE 1 - Allowance Request #18 – South Slope GFFR Remediation

The work associated with this item includes cutting and demolishing roughly 75' of the bottom portion of the South GFFR Downslope Channel. The scrap material will need to be hauled off site in roll-off dumpsters. Once the damaged material has been removed, the existing toe drain that lies underneath the GFFR in this area will likely need to be repaired. After the existing GFFR is removed & disposed, the soil sub-grade will need to be removed to liner grade. A 6" layer of granular backfill wrapped in geotextile will be placed on the existing liner system. The granular layer will run down the slope and stop at the crest of the perimeter ditch. We will re-use the excavated soil material for the remaining 12" of soil sub-grade. This material will be smoothed and compacted once installed. The new GFFR system will then be installed down the slope and ditch and will anchor into the toe of perimeter ditch butting against the previously installed GFFR at the ditch bottom. Weep holes will be cut and sewn in the GFFR at the face of the ditch. A lateral gravel geotextile-wrapped drain with a 4" perforated ADS pipe will be installed along the West side of the GFFR downslope from the bottom terrace to the perimeter ditch. A trench will need to be excavated prior to installation & backfilled and re-sodded once complete.

Scope of work based off drawings provided by Golder & Associates on 10/8/12.

To perform this GFFR remediation work and install the new lateral drain it will take an estimated 50 crew hours and require the following:

MATERIAL: 10-oz NW geotextile, #5 granite, 4" ADS pipe (see attached quotes);

SUBCONTRACTORS: Division 2, Inc. to install new GFFR material, R.E. Holland - Survey (\$1,000 allowance), Smith & Sons – Sod (\$500 allowance), AGES of Jax – Soil & concrete testing (\$500 allowance);

EQUIPMENT: one 225 Excavator, one 350 Excavator, one 644 Loader, one 850 Dozer, one CD-60 Crawler Carrier, one 250 Haul Truck, one Concrete saw

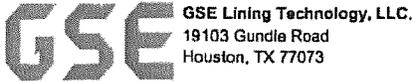
LABOR: three operators, four laborers;

Dumpster Pulls: 4 pull & returns (\$400 per pull).

The total costs are as follows: MATERIAL - \$6,531.66, SUBCONTRACTORS - \$20,578.25, EQUIPMENT - \$13,822.38, LABOR - \$9,875.76 and DUMPSTERS - \$1,600 for a total cost of **\$52,408.05**.

4301 Sterling Commerce Drive • Plant City, Florida 33637 • (813) 988-8829 • FAX (813) 988-8779

www.COMANCO.com



GSE Lining Technology, LLC.
19103 Gundie Road
Houston, TX 77073

Sales Quotation

Page: 1 of 2
Quotation date: 08/08/2012
Expiration date: 09/06/2012
Customer reference:

ENVIRONMENTAL
Phone: 281-443-8564 Fax: 281-230-5891
Tax ID 22-2731074

Quote to: **Comanco Environmental Corporation**
Attn:

Ship to: **Comanco/West Nassau**
West Nassau, FL,

4301 Sterling Commerce Drive
Plant City, 33566

Telephone: 813-988-8829
Fax: 813-386-7395

Payment terms: Net 60 Days
Shipping terms: Domestic - FOB Factory
Quotation number: 20225_058-2

Special conditions: GSE STANDARD MATERIALS

Line no.	Product code	Product description Ship method	Estimated quantity	Roll size	Unit	Unit Price	Extended price
1	GEO-000E-EBC-E-00	GSE Nonwoven Geotextile NW 15' Flat Bed	1,000	600.00 x 15.00	SF SY	0.0731 0.6576	657.60 657.60
2	FREIGHTGEO001	DOM. SHIPPING CHARGE Flat Bed	1		EA	805.0000	805.00
$9,000 \text{ SF} \times 0.0731/\text{SF} = \657.90 $\times 1.07$ $\$703.95 \times 1.15 (15\% \text{ MARK-UP}) = \underline{\underline{\$809.55}}$ <p>*FREIGHT ACCOUNTED FOR IN ALLOWANCE REQUEST # 17 (NORTH TIE DRAIN)</p>							

Special conditions:

Total USD 1,462.60

- Delivery & Price Escalation:** Unless otherwise noted above, prices are firm for 30 days from date of quotation. A Purchase Order from the Customer must be received by GSE within the 30 day period and customer must agree to take delivery of products within 30 days of issuance of a GSE Order Acknowledgement, or GSE reserves the right to escalate the prices for those products or cancel the order. The freight cost listed above is an estimate. Freight will be charged based on actual cost at time of shipment.
- Material Quote:** PRICES QUOTED ARE FOB FACTORY WITH FREIGHT ALLOWED
- Material Warranty:** Unless otherwise noted above, GSE manufactured products are sold with GSE's Standard Limited Material Warranty. GSE will pass through the original manufacturer's warranty for all products not manufactured by GSE.
- Shipping:** Unless noted otherwise, all geonets, geocomposites and geotextiles are shipped in enclosed vans and slacked horizontally.
- Quantities:** Any change in products, specifications or quantities by Customer will require a revised quotation and Order Acknowledgement. If Customer elects to purchase only a portion of the products, GSE shall have the right to adjust its pricing to reflect the impact of such election.
- Roll Sizes:** All roll sizes are approximate. Invoicing will be based on actual roll length shipped. On occasion, GSE reserves the right to ship no more than one (1) short roll per truckload, with a minimum allowance of (1) short roll per order for inventory control purposes. The definition of a short roll is one in which the length is equal to or is greater than 50% of the standard length for a particular product.
- Terms and Conditions:** GSE General Terms and Conditions of Sale shall apply to all transactions.
- Material Specifications:** Unless otherwise agreed in writing by a GSE authorized representative, GSE's standard property values, quality control testing procedures, and documentation apply to the products quoted.



JRC

QUOTATION

Quote No. Q0006910
Customer ID COMA100

BILL TO:	SHIP TO:
COMANCO ENVIRONMENTAL CORP 4301 STERLING COMMERCE DRIVE PLANT CITY, FL 33566	WEST NASSAU LANDFILL CLOSURE 46026 LANDFILL ROAD CALLAHAN, FL 32011

Notes: Steven Smith (904) 545-2755 steve.smith@cydl.com

PAGE 1

F.O.B. POINT	SHIP VIA	ORDERED BY	
Destination	COMMON CARRIER	THOMAS RAAB	
QUOTE DATE	TERMS	SALES PERSON	EXPIRATION DATE
8/29/2012	NET 30 DAYS	STEVEN SMITH	9/30/2012

PART NUMBER	QUANTITY	UNITS	UNIT PRICE	DISC %	EXTENDED PRICE
GRAN-GA-08120	200.000 118	TON	32.000		6,400.00 3,776 (Tax)
#5 GRANITE GA-185					
Notes:					
FUEL-SU-RCHG	200.000 118	EA	0.840		168.00 99.12
FUEL SURCHARGE					
Notes:	* FSC subject to monthly adjustment, dependent on rail diesel pricing.				
FREI-GH-T	200.000 118	TON	5.000		1,000.00 590
FREIGHT CHARGES					
Notes:					

$$\$4,729.44 \times 1.15 \text{ (15\% Mark-Up)} = \underline{\underline{\$5,438.86}}$$

Merchandise Total	7,568.00 4,465.12
Shipping & Handling	
Total Misc. Charges	0.00
Sales Tax	459.76 264.32
TOTAL	8,027.76 4,729.44



RC

Quotation

136 Kid Ellis Rd
Mulberry, FL 33860

Date	Estimate #
8/6/2012	4144

Phone #	863-607-4730
Fax #	863-607-6022

Name / Address			FOB		
Comanco Environmental 4301 Sterling Commerce Drive Plant City, FL 33566-7372			Shipping Point		
			Offer Expires	Lead Time	
			9/5/2012		
Terms		Project		Writer	
Net 30				RASHAD SANDRONI	
Item	Description	Qty	U/M	Cost	Total
Miscellaneous	4" CORRUGATED SLOTTED PIPE COIL 100' COIL	1,500 200	ea LP	0.45	675.00 90.00
	ALTERNATE	1,500		0.00	0.00
	CORRUGATED PIPE FOB SHIPPING POINT (AOPKA FL)	160		0.00	0.00
	FREIGHT COSTS WILL DEPEND ON MATERIAL ORDERED. I.E. STRAIGHT LENGTH PIPE OR COILS ETC.			150.00	150.00
Freight Charge	Freight Charges to Customer (ESTIMATE ONLY) ACTUAL CHARGES WILL APPLY	1		350.00	350.00
	$\$246.30 \times 1.15 (15\% \text{ Mark-Up}) = \underline{\underline{\$283.25}}$				
				Subtotal	\$1,025.00 \$1,448.00
				Sales Tax (7.0%)	\$47.25 \$101.36
				Total	\$1,072.25 \$1,549.36

JRC

DIVISION 2, INC.
185 DRENNEN ROAD STE 337
ORLANDO, FL 32806
Phone: 407/791-0198
FAX: 407/203-3843
division2@rocketmail.com

COMANCO ENVIROMENTAL CORP
WEST NASSAU LF CLOSURE
10" FILTER POINT GFFR AND
GABION BASKET INSTALLATION
PROPOSAL

17-Aug-12

ATTN: JOHN JACOBS

ITEM DESCRIPTION	QUANTITY	UNIT	PRICE	EXTENSION
GFFR & GABION INSTALLATION	3,231			\$16,155.00
10" FILTER POINT FABRIFORM (GFFR)	2175	SF	\$5.00	\$10,875.00
GABION BASKETS INSTALLATION	1	LS	\$42,770.00	\$42,770.00

GFFR & GABION INSTALLATION TOTAL

~~\$53,645.00~~
\$16,155.00

NOTE: THE GABION PROPOSAL IS BASED ON A QUOTE FROM R.H. MOORE FROM COMANCO

NOTE: THIS PROPOSAL IS BASED ON USING RECYCLED CRUSHED CONCRETE FOR THE GABIONS

NOTE: THE GFFR QUANTITY IS JUST AN ESTIMATE, IT WILL BE INVOICED FROM FIELD MEASUREMENTS

- EXCLUSIONS:
- PERMITS OR INSPECTION FEES
 - ENGINEERING
 - DIGGING EQUIPMENT
 - ROCK BOX
 - ROCK PLACEMENT EQUIPMENT
 - SHORING
 - GEOTECHNICAL TESTING
 - DEWATERING
 - GEOTECHNICAL OR CONCRETE TESTING
 - SODDING, GRASSING OR SITE RESTORATION
 - EXCAVATION
 - SITE LAYOUT/SURVEY
 - AS-BUILTS
 - SOIL PREPARATION
 - LIMEROCK OR LIMESTONE
 - GRANITE
 - HEAVY EQUIPMENT
 - DEMOLITION OF EXISTING GFFR
 - FABRIC REMOVAL FROM EXISTING GFFR
 - BACKFILL & COMPACTION

$$16,155 \times 1.15 (15\% \text{ MARK-UP}) = \underline{\underline{\$18,578.25}}$$

NASSAU COUNTY CONTRACT MANAGEMENT

CONTRACTOR: COMANCO Environmental Corporation
 PROJECT: West Nassau Landfill - Final Closure
 CONTRACT NO.: CM1734

Report Print Date: 10/19/2012

CHANGE ORDER /ALLOWANCE AUTHORIZATION TRACKING SHEET

CO#	AA#	Date	Purpose	Change Order Amount	Supplemental Work Authorization	Contract Time (Days)		Approval Date	Approval By
						Substan.	Final		
1			Quantity adjustment - Line Item #15 Gas Extraction Wells	-\$8,460.00					
	02	10/25/11	Provide topographic surveying services along the perimeter of the limits of construction		\$3,450.00	0	0	11/4/2011	SH
	03	11/14/11	Additional cost for the underdrain system		\$17,831.33	0	0	11/27/2011	SH
	03-B	11/15/12	Additional materials .40-mil UltraFlex Liner		\$6,511.67	0	0	11/27/2011	SH
	01	12/20/11	Additional gas collection and control valves; valve stem extensions		\$8,017.80	0	0	12/28/2012	SH
	04	12/20/11	Furnish 90' of 12" pipe and 40 Fernco fittings		\$2,560.50	0	0	12/28/2011	SH
	05	12/21/11	Rental of a 6" pump and hoses for leachate handling		\$3,757.12	0	0	12/28/2011	SH
	06	12/21/11	Cuts and fills required to field fit the grading for the liner tie-in at the southwest corner of the closure construction limits		\$9,676.25	0	0	12/28/2011	SH
	07	03/01/12	Cuts and fills required to supply and install a 1" airline in lieu of relocating existing airline		\$6,625.00	0	0	3/13/2012	SH
	08	03/14/12	Additional surveying work for out of scope features		\$14,340.50	0	0	3/16/2012	SH
	09	03/15/12	Additional anchor trench required for northern and eastern tie-in		\$8,145.00	0	0	3/16/2012	SH
	10	03/15/12	Excavation work to access pre-existing smooth liner along northern tie-in		\$49,918.68	0	0	3/16/2012	SH
	11	03/15/12	Removal & disposal of pre-existing smooth liner along northern tie-in		\$18,982.60	0	0	3/16/2012	SH
	12	03/15/12	Install one Air System Isolation		\$2,500.00	0	0	3/16/2012	SH
	13	04/13/12	East and southeast culvert installation		\$32,263.19	0	0	4/16/2012	SH
	14	05/30/12	Additional remote wellhead installation		\$2,000.00	0	0	5/30/2012	SH
	15	07/13/12	Additional GFFR Installation		\$8,870.00	0	0	8/29/2012	SH
	16	08/08/12	Additional toe drain installation on North slope		\$12,901.62	0	0	8/9/2012	SH
	17	08/22/12	Additional toe drain installation on North slope		\$28,010.22	0	0	8/23/2012	SH
	18	10/16/12	South slope GFFR remediation		\$52,408.05	0	0	10/18/2012	SH
	19	09/13/12	Additional berm with toe drain installation on south slope		\$21,317.56	0	0	9/14/2012	SH
	20	09/21/12	Additional toe drain installation along roadside channel		\$19,143.64	0	0	10/1/2012	SH
SUBTOTAL- COPs and Allowance Authorizations (Line Item #4)				-\$8,460.00	\$329,230.73	0	0		
PENDING:									
SUBTOTAL- Pending COPs and Allowance Authorizations (Line Item #4)				\$0.00	\$0.00	0	0		
TOTAL CHANGE ORDERS				-\$8,460.00	\$329,230.73	0	0		

Original Contract Value	\$4,924,873.89	Allowance (Line Item #4)	\$600,000.00
Change Order(s)	-\$8,460.00	Allowance Authorizations Approved	\$329,230.73
Total Contract Value	\$4,916,413.89	Remaining Supplemental Work Authorization Available:	\$270,769.27
		Pending Allowance Authorizations:	\$0.00

Date of Notice to Proceed:	7/11/2011		
Contract Dates/Terms:	Contract Dates	Extension	Final Dates
Substantial Completion:	548 01/09/13	0	01/09/13
Final Completion:	45 02/23/13	0	02/23/13

Balance Available: \$270,769.27