

TABULATION OF BIDS

Bid Schedule A

Project No.: RRP-VEQ 104(1)

Project Name: LA CHIVA LAGOON BRIDGE REPLACEMENT, VIEQUES ISLAND, PUERTO RICO

State: PR  
County:  
VIEQUES NATIONAL WILDLIFE REFUGE

Opened at: Sterling, VA  
By: Peggy Schaad  
Date: 08/11/2011

I certify that this Bid Tabulation accurately reflects the bids received and publicly opened for this solicitation.

Signed: Peggy Schaad

Title: Contract Specialist Date: 08/11/11

Contract Awarded to: CGN Engineering Corp. Date: 08/31/11

Contractor	Bid Amount	Responsive
CGN Engineering Corp. 130 Winston Churchill Avenue PMB 361 San Juan, PR 00926-6018	1,333,225.37	
Del Valle Group P. O. Box 2319 Bo Campanillas, PR-8 Toa Baja, PR 00949	1,480,000.00	
CC Construction Corp. P. O. Box 21392 San Juan, PR 00928-1392	1,887,140.00	
Engineer's Estimate	1,130,000.00	

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101-0000	LPSM	MOBILIZATION			
	CGN Engineering Corp.		ALL	215,714.66	215,714.66
	Del Valle Group			148,000.00	148,000.00
	CC Construction Corp.			315,000.00	315,000.00
	ENGINEER'S ESTIMATE			84,776.50	84,776.50
15201-0000	LPSM	CONSTRUCTION SURVEY AND STAKING			
	CGN Engineering Corp.		ALL	9,793.30	9,793.30
	Del Valle Group			65,000.00	65,000.00
	CC Construction Corp.			10,000.00	10,000.00
	ENGINEER'S ESTIMATE			7,000.00	7,000.00
15401-0000	LPSM	CONTRACTOR TESTING			
	CGN Engineering Corp.		ALL	14,159.65	14,159.65
	Del Valle Group			27,573.00	27,573.00
	CC Construction Corp.			30,000.00	30,000.00
	ENGINEER'S ESTIMATE			8,000.00	8,000.00
15705-0100	LNFT	SOIL EROSION CONTROL, SILT FENCE			
	CGN Engineering Corp.		1,200	6.53	7,836.00
	Del Valle Group			8.00	9,600.00
	CC Construction Corp.			3.00	3,600.00
	ENGINEER'S ESTIMATE			13.00	15,600.00
15705-2000	LNFT	SOIL EROSION CONTROL, TURBIDITY BARRIER			
	CGN Engineering Corp.		150	25.81	3,871.50
	Del Valle Group			30.00	4,500.00
	CC Construction Corp.			20.00	3,000.00
	ENGINEER'S ESTIMATE			50.00	7,500.00
20101-0000	ACRE	CLEARING AND GRUBBING			
	CGN Engineering Corp.		0.50	15,749.40	7,874.70
	Del Valle Group			5,000.00	2,500.00
	CC Construction Corp.			4,000.00	2,000.00
	ENGINEER'S ESTIMATE			6,000.00	3,000.00
20301-2400	EACH	REMOVAL OF SIGN			
	CGN Engineering Corp.		2	105.78	211.56
	Del Valle Group			500.00	1,000.00
	CC Construction Corp.			120.00	240.00
	ENGINEER'S ESTIMATE			250.00	500.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20302-1200	LNFT	REMOVAL OF GUARDRAIL			
	CGN Engineering Corp.		350	7.93	2,775.50
	Del Valle Group			10.00	3,500.00
	CC Construction Corp.			10.00	3,500.00
	ENGINEER'S ESTIMATE			35.00	12,250.00
20304-2000	LPSM	REMOVAL OF BRIDGE			
	CGN Engineering Corp.		ALL	70,316.13	70,316.13
	Del Valle Group			80,000.00	80,000.00
	CC Construction Corp.			85,000.00	85,000.00
	ENGINEER'S ESTIMATE			95,000.00	95,000.00
20401-0000	CUYD	ROADWAY EXCAVATION			
	CGN Engineering Corp.		60	98.19	5,891.40
	Del Valle Group			30.00	1,800.00
	CC Construction Corp.			24.00	1,440.00
	ENGINEER'S ESTIMATE			80.00	4,800.00
20402-0000	CUYD	SUBEXCAVATION			
	CGN Engineering Corp.		50	248.07	12,403.50
	Del Valle Group			30.00	1,500.00
	CC Construction Corp.			42.00	2,100.00
	ENGINEER'S ESTIMATE			65.00	3,250.00
20420-0000	CUYD	EMBANKMENT CONSTRUCTION			
	CGN Engineering Corp.		475	104.57	49,670.75
	Del Valle Group			70.00	33,250.00
	CC Construction Corp.			70.00	33,250.00
	ENGINEER'S ESTIMATE			45.00	21,375.00
20435-1000	CUYD	BACKFILL, SELECT GRANULAR			
	CGN Engineering Corp.		630	72.74	45,826.20
	Del Valle Group			100.00	63,000.00
	CC Construction Corp.			120.00	75,600.00
	ENGINEER'S ESTIMATE			98.00	61,740.00
20701-1000	SQYD	EARTHWORK GEOTEXTILE, TYPE III-A			
	CGN Engineering Corp.		400	70.89	28,356.00
	Del Valle Group			4.00	1,600.00
	CC Construction Corp.			5.00	2,000.00
	ENGINEER'S ESTIMATE			9.00	3,600.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20703-0000	SQYD	GEOGRID			
	CGN Engineering Corp.		1,650	14.37	23,710.50
	Del Valle Group			10.00	16,500.00
	CC Construction Corp.			7.00	11,550.00
	ENGINEER'S ESTIMATE			10.80	17,820.00
20801-0000	CUYD	STRUCTURE EXCAVATION			
	CGN Engineering Corp.		850	22.66	19,261.00
	Del Valle Group			40.00	34,000.00
	CC Construction Corp.			70.00	59,500.00
	ENGINEER'S ESTIMATE			36.00	30,600.00
20815-0000	LPSM	COFFERDAMS			
	CGN Engineering Corp.		ALL	199,172.94	199,172.94
	Del Valle Group			196,000.00	196,000.00
	CC Construction Corp.			360,000.00	360,000.00
	ENGINEER'S ESTIMATE			89,000.00	89,000.00
27102-0100	EACH	GEOTECHNICAL INSTRUMENTATION, PIEZOMETER (SETTLEMENT PLATES)			
	CGN Engineering Corp.		8	1,319.73	10,557.84
	Del Valle Group			2,200.00	17,600.00
	CC Construction Corp.			2,500.00	20,000.00
	ENGINEER'S ESTIMATE			1,150.00	9,200.00
30110-0000	TON	AGGREGATE SURFACE COURSE			
	CGN Engineering Corp.		450	39.44	17,748.00
	Del Valle Group			70.00	31,500.00
	CC Construction Corp.			80.00	36,000.00
	ENGINEER'S ESTIMATE			65.00	29,250.00
55201-0200	CUYD	STRUCTURAL CONCRETE, CLASS A (AE)			
	CGN Engineering Corp.		31	582.03	18,042.93
	Del Valle Group			1,107.00	34,317.00
	CC Construction Corp.			850.00	26,350.00
	ENGINEER'S ESTIMATE			852.00	26,412.00
55201-0800	CUYD	STRUCTURAL CONCRETE, CLASS D (AE)			
	CGN Engineering Corp.		35	586.33	20,521.55
	Del Valle Group			1,000.00	35,000.00
	CC Construction Corp.			950.00	33,250.00
	ENGINEER'S ESTIMATE			620.00	21,700.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
55302-1000	LNFT	PRECAST, PRESTRESSED CONCRETE BOX BEAM, TYPE B1-48			
	CGN Engineering Corp.		429	798.60	342,599.40
	Del Valle Group			1,000.00	429,000.00
	CC Construction Corp.			1,290.00	553,410.00
	ENGINEER'S ESTIMATE			800.00	343,200.00
55401-2000	LB	REINFORCING STEEL, EPOXY COATED			
	CGN Engineering Corp.		6,650	11.30	75,145.00
	Del Valle Group			2.00	13,300.00
	CC Construction Corp.			4.00	26,600.00
	ENGINEER'S ESTIMATE			2.33	15,494.50
55601-0400	LNFT	BRIDGE RAILING, ALUMINUM, THREE RAIL			
	CGN Engineering Corp.		72	59.09	4,254.48
	Del Valle Group			250.00	18,000.00
	CC Construction Corp.			120.00	8,640.00
	ENGINEER'S ESTIMATE			282.00	20,304.00
55601-0900	LNFT	BRIDGE RAILING, STEEL			
	CGN Engineering Corp.		143	41.10	5,877.30
	Del Valle Group			110.00	15,730.00
	CC Construction Corp.			220.00	31,460.00
	ENGINEER'S ESTIMATE			234.00	33,462.00
56401-1000	EACH	BEARING DEVICE, ELASTOMERIC			
	CGN Engineering Corp.		24	171.84	4,124.16
	Del Valle Group			500.00	12,000.00
	CC Construction Corp.			900.00	21,600.00
	ENGINEER'S ESTIMATE			284.00	6,816.00
61701-1350	LNFT	GUARDRAIL SYSTEM G4, TYPE 2, CLASS B STEEL POSTS			
	CGN Engineering Corp.		525	39.59	20,784.75
	Del Valle Group			60.00	31,500.00
	CC Construction Corp.			70.00	36,750.00
	ENGINEER'S ESTIMATE			70.00	36,750.00
61702-0800	EACH	TERMINAL SECTION TYPE TANGENT			
	CGN Engineering Corp.		4	4,878.62	19,514.48
	Del Valle Group			5,000.00	20,000.00
	CC Construction Corp.			3,200.00	12,800.00
	ENGINEER'S ESTIMATE			4,000.00	16,000.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
62401-0200	SQYD	FURNISHING AND PLACING TOPSOIL, 3-INCH DEPTH			
	CGN Engineering Corp.		200	58.79	11,758.00
	Del Valle Group			50.00	10,000.00
	CC Construction Corp.			10.00	2,000.00
	ENGINEER'S ESTIMATE			10.00	2,000.00
62501-0000	ACRE	TURF ESTABLISHMENT			
	CGN Engineering Corp.		0.5	7,017.98	3,508.99
	Del Valle Group			10,000.00	5,000.00
	CC Construction Corp.			4,000.00	2,000.00
	ENGINEER'S ESTIMATE			8,000.00	4,000.00
62903-0000	SQYD	CELLULAR CONFINEMENT SYSTEM			
	CGN Engineering Corp.		1,040	30.54	31,761.60
	Del Valle Group			50.00	52,000.00
	CC Construction Corp.			30.00	31,200.00
	ENGINEER'S ESTIMATE			62.50	65,000.00
63304-0900	SQFT	SIGNS, ALUMINUM PANELS, TYPE 3 SHEETING			
	CGN Engineering Corp.		50	84.53	4,226.50
	Del Valle Group			50.00	2,500.00
	CC Construction Corp.			60.00	3,000.00
	ENGINEER'S ESTIMATE			75.00	3,750.00
63308-3000	EACH	OBJECT MARKER, TYPE 3			
	CGN Engineering Corp.		4	434.85	1,739.40
	Del Valle Group			307.50	1,230.00
	CC Construction Corp.			200.00	800.00
	ENGINEER'S ESTIMATE			100.00	400.00
63316-1000	EACH	REMOVE AND RESET SIGN			
	CGN Engineering Corp.		3	176.55	529.65
	Del Valle Group			500.00	1,500.00
	CC Construction Corp.			400.00	1,200.00
	ENGINEER'S ESTIMATE			300.00	900.00
63503-0300	LNFT	TEMPORARY TRAFFIC CONTROL, BARRICADE TYPE 3			
	CGN Engineering Corp.		60	64.54	3,872.40
	Del Valle Group			100.00	6,000.00
	CC Construction Corp.			180.00	10,800.00
	ENGINEER'S ESTIMATE			80.00	4,800.00

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63504-1000	SQFT	TEMPORARY TRAFFIC CONTROL, CONSTRUCTION SIGN			
	CGN Engineering Corp.		150	82.27	12,340.50
	Del Valle Group			30.00	4,500.00
	CC Construction Corp.			50.00	7,500.00
	ENGINEER'S ESTIMATE			85.00	12,750.00
63701-0000	EACH	FIELD OFFICE			
	CGN Engineering Corp.		1	7,473.15	7,473.15
	Del Valle Group			50,000.00	50,000.00
	CC Construction Corp.			24,000.00	24,000.00
	ENGINEER'S ESTIMATE			12,000.00	12,000.00

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BID TOTAL CHECK PASS

Bidder	Bidder's Bid Amount	Computed Bid Amount	Error
CGN Engineering Corp.	1,333,225.37	1,333,225.37	
Del Valle Group	1,480,000.00	1,480,000.00	
CC Construction Corp.	1,887,140.00	1,887,140.00	

The apparent low bidder is 18 % above the engineer's estimate.

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BID ITEM CHECK PASS

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Bidder	Item No.	Bidder's Extension	Computed Extension
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No extension errors in this Schedule.