

# TABULATION OF BIDS

Bid Schedule - Base

Project No.: PRA-DEWA 14(10)

Project Name: REPLACEMENT OF U.S. ROUTE 209 BRIDGE OVER TOMS CREEK (MP 4.9)

State: PA  
County: PIKE

DELAWARE WATER GAP NATL REC AREA

Opened at: STERLING, VA

By: S. Anderson

Date: 07/21/2009

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

Signed: Shirley Anderson

Title: Contract Specialist

Date: 07/22/2009

Contract Awarded to: Merco, Inc.

Date: 08/06/2009

Contractor	Bid Amount	Responsive
Leeward Construction, Inc. 9 Collan Park Honesdale, PA 18431	1,925,313.88	
Merco, Inc. 1117 Route 31 South Lebanon, NJ 08833	1,991,505.60	
Minichi, Inc. 453 Ziegler Street Dupont, PA 18641	2,182,000.80	
Engineer's Estimate	2,050,000.00	

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101-0000	LPSM	Mobilization			
		Leeward Construction, Inc.	ALL	40,000.00	40,000.00
		Merco, Inc.		198,000.00	198,000.00
		Minichi, Inc.		132,510.00	132,510.00
		ENGINEER'S ESTIMATE		150,416.00	150,416.00
15201-0000	LPSM	Construction survey and staking			
		Leeward Construction, Inc.	ALL	15,000.00	15,000.00
		Merco, Inc.		28,850.00	28,850.00
		Minichi, Inc.		22,575.00	22,575.00
		ENGINEER'S ESTIMATE		63,600.00	63,600.00
15401-0000	LPSM	Contractor testing			
		Leeward Construction, Inc.	ALL	25,000.00	25,000.00
		Merco, Inc.		20,000.00	20,000.00
		Minichi, Inc.		98,000.00	98,000.00
		ENGINEER'S ESTIMATE		31,800.00	31,800.00
15703-2000	ha	Soil erosion control, temporary turf establishment			
		Leeward Construction, Inc.	0.40	5,250.00	2,100.00
		Merco, Inc.		50,000.00	20,000.00
		Minichi, Inc.		5,420.00	2,168.00
		ENGINEER'S ESTIMATE		20,000.00	8,000.00
15705-0100	m	Soil erosion control, silt fence			
		Leeward Construction, Inc.	400	10.00	4,000.00
		Merco, Inc.		15.00	6,000.00
		Minichi, Inc.		12.00	4,800.00
		ENGINEER'S ESTIMATE		11.00	4,400.00
15705-0100	m	Soil erosion control, silt fence , reinforced			
		Leeward Construction, Inc.	380	16.40	6,232.00
		Merco, Inc.		17.00	6,460.00
		Minichi, Inc.		14.00	5,320.00
		ENGINEER'S ESTIMATE		18.00	6,840.00
15705-1800	m	Soil erosion control, temporary diversion berm			
		Leeward Construction, Inc.	90	328.00	29,520.00
		Merco, Inc.		400.00	36,000.00
		Minichi, Inc.		966.00	86,940.00
		ENGINEER'S ESTIMATE		400.00	36,000.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15706-1400	Each	Soil erosion control, inlet protection type D			
		Leeward Construction, Inc.	3	250.00	750.00
		Merco, Inc.		700.00	2,100.00
		Minichi, Inc.		292.00	876.00
		ENGINEER'S ESTIMATE		300.00	900.00
15706-2200	Each	Soil erosion control, filter bag			
		Leeward Construction, Inc.	5	1,500.00	7,500.00
		Merco, Inc.		550.00	2,750.00
		Minichi, Inc.		2,565.00	12,825.00
		ENGINEER'S ESTIMATE		2,000.00	10,000.00
20101-0000	ha	Clearing and grubbing			
		Leeward Construction, Inc.	0.80	25,000.00	20,000.00
		Merco, Inc.		25,000.00	20,000.00
		Minichi, Inc.		12,355.00	9,884.00
		ENGINEER'S ESTIMATE		30,000.00	24,000.00
20216-0000	Each	Tree pruning			
		Leeward Construction, Inc.	10	1,000.00	10,000.00
		Merco, Inc.		650.00	6,500.00
		Minichi, Inc.		1,187.00	11,870.00
		ENGINEER'S ESTIMATE		300.00	3,000.00
20220-1000	Each	Removal, individual tree			
		Leeward Construction, Inc.	10	2,000.00	20,000.00
		Merco, Inc.		1,500.00	15,000.00
		Minichi, Inc.		1,781.00	17,810.00
		ENGINEER'S ESTIMATE		1,100.00	11,000.00
20301-2400	Each	Removal of sign			
		Leeward Construction, Inc.	4	200.00	800.00
		Merco, Inc.		150.00	600.00
		Minichi, Inc.		84.00	336.00
		ENGINEER'S ESTIMATE		160.00	640.00
20303-1600	m2	Removal of pavement, asphalt			
		Leeward Construction, Inc.	3,200	9.50	30,400.00
		Merco, Inc.		7.00	22,400.00
		Minichi, Inc.		8.00	25,600.00
		ENGINEER'S ESTIMATE		15.00	48,000.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20303-2300	m2	Removal of pavement, concrete			
		Leeward Construction, Inc.	2,100	12.00	25,200.00
		Merco, Inc.		40.00	84,000.00
		Minichi, Inc.		15.00	31,500.00
		ENGINEER'S ESTIMATE		17.00	35,700.00
20304-2000	LPSM	Removal of bridge			
		Leeward Construction, Inc.	ALL	50,000.00	50,000.00
		Merco, Inc.		106,000.00	106,000.00
		Minichi, Inc.		74,500.00	74,500.00
		ENGINEER'S ESTIMATE		50,000.00	50,000.00
20401-0000	m3	Roadway excavation			
		Leeward Construction, Inc.	250	32.50	8,125.00
		Merco, Inc.		70.00	17,500.00
		Minichi, Inc.		90.00	22,500.00
		ENGINEER'S ESTIMATE		40.00	10,000.00
20402-0000	m3	Subexcavation			
		Leeward Construction, Inc.	200	52.00	10,400.00
		Merco, Inc.		40.00	8,000.00
		Minichi, Inc.		104.00	20,800.00
		ENGINEER'S ESTIMATE		60.00	12,000.00
20420-0000	m3	Embankment construction			
		Leeward Construction, Inc.	1,850	32.50	60,125.00
		Merco, Inc.		23.00	42,550.00
		Minichi, Inc.		22.00	40,700.00
		ENGINEER'S ESTIMATE		40.00	74,000.00
20701-1100	m2	Earthwork geotextile, type III-B			
		Leeward Construction, Inc.	650	3.00	1,950.00
		Merco, Inc.		12.00	7,800.00
		Minichi, Inc.		5.00	3,250.00
		ENGINEER'S ESTIMATE		7.50	4,875.00
20801-0000	m3	Structure excavation			
		Leeward Construction, Inc.	450	65.50	29,475.00
		Merco, Inc.		25.00	11,250.00
		Minichi, Inc.		33.00	14,850.00
		ENGINEER'S ESTIMATE		65.00	29,250.00

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Bid Schedule - Base

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20803-0000	m3	Structural backfill			
		Leeward Construction, Inc.	450	65.50	29,475.00
		Merco, Inc.		40.00	18,000.00
		Minichi, Inc.		85.00	38,250.00
		ENGINEER'S ESTIMATE		75.00	33,750.00
25101-3000	m3	Placed riprap, class 3			
		Leeward Construction, Inc.	15	65.00	975.00
		Merco, Inc.		300.00	4,500.00
		Minichi, Inc.		95.00	1,425.00
		ENGINEER'S ESTIMATE		125.00	1,875.00
25101-5000	m3	Placed riprap, class 5			
		Leeward Construction, Inc.	400	85.00	34,000.00
		Merco, Inc.		90.00	36,000.00
		Minichi, Inc.		82.00	32,800.00
		ENGINEER'S ESTIMATE		130.00	52,000.00
30101-4000	t	Aggregate base grading C or D			
		Leeward Construction, Inc.	3,600	27.50	99,000.00
		Merco, Inc.		20.00	72,000.00
		Minichi, Inc.		31.00	111,600.00
		ENGINEER'S ESTIMATE		38.00	136,800.00
40101-0700	t	Superpave pavement, 12.5mm nominal maximum size aggregate, 3 to <30 million ESAL			
		Leeward Construction, Inc.	380	110.00	41,800.00
		Merco, Inc.		104.50	39,710.00
		Minichi, Inc.		133.00	50,540.00
		ENGINEER'S ESTIMATE		110.00	41,800.00
40101-1100	t	Superpave pavement, 19mm nominal maximum size aggregate, 3 to <30 million ESAL			
		Leeward Construction, Inc.	850	90.00	76,500.00
		Merco, Inc.		92.50	78,625.00
		Minichi, Inc.		112.00	95,200.00
		ENGINEER'S ESTIMATE		110.00	93,500.00
55101-2100	m	Steel H-piles 360 x 174, in place			
		Leeward Construction, Inc.	430	327.50	140,825.00
		Merco, Inc.		350.00	150,500.00
		Minichi, Inc.		399.00	171,570.00
		ENGINEER'S ESTIMATE		350.00	150,500.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
55115-1000	m	Preboring (Less than 200mm Diam. in soil)			
		Leeward Construction, Inc.	20	328.00	6,560.00
		Merco, Inc.		350.00	7,000.00
		Minichi, Inc.		98.00	1,960.00
		ENGINEER'S ESTIMATE		100.00	2,000.00
55115-1000	m	Preboring (675mm Diam. in rock)			
		Leeward Construction, Inc.	6	1,650.00	9,900.00
		Merco, Inc.		3,464.56	20,787.36
		Minichi, Inc.		3,818.00	22,908.00
		ENGINEER'S ESTIMATE		5,000.00	30,000.00
55121-0000	Each	Test pile (Pile Driving Analysis, PDA)			
		Leeward Construction, Inc.	2	5,520.00	11,040.00
		Merco, Inc.		10,000.00	20,000.00
		Minichi, Inc.		6,237.00	12,474.00
		ENGINEER'S ESTIMATE		1,000.00	2,000.00
55201-0200	m3	Structural concrete, class A (AE)			
		Leeward Construction, Inc.	138	1,540.00	212,520.00
		Merco, Inc.		1,000.00	138,000.00
		Minichi, Inc.		1,328.00	183,264.00
		ENGINEER'S ESTIMATE		1,200.00	165,600.00
55302-3300	m	Precast, prestressed concrete AASHTO girders (I-beams, AASHTO type 2)			
		Leeward Construction, Inc.	130	1,010.00	131,300.00
		Merco, Inc.		630.00	81,900.00
		Minichi, Inc.		1,021.00	132,730.00
		ENGINEER'S ESTIMATE		800.00	104,000.00
55401-1000	kg	Reinforcing steel			
		Leeward Construction, Inc.	12,360	5.00	61,800.00
		Merco, Inc.		3.60	44,496.00
		Minichi, Inc.		3.00	37,080.00
		ENGINEER'S ESTIMATE		3.00	37,080.00
55401-2000	kg	Reinforcing steel, epoxy coated			
		Leeward Construction, Inc.	11,101	5.50	61,055.50
		Merco, Inc.		4.00	44,404.00
		Minichi, Inc.		3.00	33,303.00
		ENGINEER'S ESTIMATE		4.00	44,404.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
55601-0600	m	Bridge railing, concrete, beam rail			
		Leeward Construction, Inc.	75	765.00	57,375.00
		Merco, Inc.		1,630.00	122,250.00
		Minichi, Inc.		1,125.00	84,375.00
		ENGINEER'S ESTIMATE		550.00	41,250.00
56401-1000	Each	Bearing device, elastomeric , expansion			
		Leeward Construction, Inc.	14	750.00	10,500.00
		Merco, Inc.		800.00	11,200.00
		Minichi, Inc.		512.00	7,168.00
		ENGINEER'S ESTIMATE		1,500.00	21,000.00
57801-0000	m3	High performance concrete			
		Leeward Construction, Inc.	80	2,110.50	168,840.00
		Merco, Inc.		1,200.00	96,000.00
		Minichi, Inc.		2,330.00	186,400.00
		ENGINEER'S ESTIMATE		1,500.00	120,000.00
57802-2000	m2	High performance concrete, for approach slabs, type 2			
		Leeward Construction, Inc.	114	1,275.00	145,350.00
		Merco, Inc.		440.00	50,160.00
		Minichi, Inc.		580.00	66,120.00
		ENGINEER'S ESTIMATE		375.00	42,750.00
60103-0080	Each	Concrete, headwall for 375mm pipe culvert			
		Leeward Construction, Inc.	1	1,500.00	1,500.00
		Merco, Inc.		10,500.00	10,500.00
		Minichi, Inc.		1,335.00	1,335.00
		ENGINEER'S ESTIMATE		1,200.00	1,200.00
60103-0180	Each	Concrete, headwall for 900mm pipe culvert			
		Leeward Construction, Inc.	2	3,500.00	7,000.00
		Merco, Inc.		11,250.00	22,500.00
		Minichi, Inc.		3,408.00	6,816.00
		ENGINEER'S ESTIMATE		3,600.00	7,200.00
60201-0500	m	375mm pipe culvert			
		Leeward Construction, Inc.	31.0	250.00	7,750.00
		Merco, Inc.		200.00	6,200.00
		Minichi, Inc.		322.00	9,982.00
		ENGINEER'S ESTIMATE		360.00	11,160.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
60201-1000	m	900mm pipe culvert			
		Leeward Construction, Inc.	7.5	328.00	2,460.00
		Merco, Inc.		740.00	5,550.00
		Minichi, Inc.		497.00	3,727.50
		ENGINEER'S ESTIMATE		400.00	3,000.00
60403-1400	Each	Inlet, type 5B , with catch basin trap			
		Leeward Construction, Inc.	2	4,000.00	8,000.00
		Merco, Inc.		3,400.00	6,800.00
		Minichi, Inc.		4,252.00	8,504.00
		ENGINEER'S ESTIMATE		5,400.00	10,800.00
60901-2100	m	Curb, asphalt, 100mm depth			
		Leeward Construction, Inc.	15	82.00	1,230.00
		Merco, Inc.		50.00	750.00
		Minichi, Inc.		108.00	1,620.00
		ENGINEER'S ESTIMATE		38.00	570.00
61701-1200	m	Guardrail system G4, type 2, class A steel posts			
		Leeward Construction, Inc.	190.5	68.75	13,096.88
		Merco, Inc.		71.02	13,529.31
		Minichi, Inc.		97.00	18,478.50
		ENGINEER'S ESTIMATE		120.00	22,860.00
61702-0000	Each	Terminal section , type SRT-350			
		Leeward Construction, Inc.	4	2,530.00	10,120.00
		Merco, Inc.		2,475.00	9,900.00
		Minichi, Inc.		2,375.00	9,500.00
		ENGINEER'S ESTIMATE		2,500.00	10,000.00
61707-1000	m	Structure transition railing, G4 system			
		Leeward Construction, Inc.	25.1	405.00	10,165.50
		Merco, Inc.		350.00	8,785.00
		Minichi, Inc.		594.00	14,909.40
		ENGINEER'S ESTIMATE		550.00	13,805.00
61901-0000	m	Fence (Safety Fence for Toms Creek Bridge)			
		Leeward Construction, Inc.	54	656.00	35,424.00
		Merco, Inc.		485.00	26,190.00
		Minichi, Inc.		841.00	45,414.00
		ENGINEER'S ESTIMATE		350.00	18,900.00



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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
62401-0100	m2	Furnishing and placing topsoil, 50mm depth			
		Leeward Construction, Inc.	6,900	3.35	23,115.00
		Merco, Inc.		5.98	41,262.00
		Minichi, Inc.		5.00	34,500.00
		ENGINEER'S ESTIMATE		4.30	29,670.00
62502-0000	m2	Turf establishment			
		Leeward Construction, Inc.	6,900	0.66	4,554.00
		Merco, Inc.		1.08	7,452.00
		Minichi, Inc.		1.00	6,900.00
		ENGINEER'S ESTIMATE		1.50	10,350.00
62619-0290	Each	Salix nigra, black willow, 20mm - 35mm caliper, container grown			
		Leeward Construction, Inc.	20	225.00	4,500.00
		Merco, Inc.		700.00	14,000.00
		Minichi, Inc.		175.00	3,500.00
		ENGINEER'S ESTIMATE		600.00	12,000.00
62901-0800	m2	Rolled erosion control product, type 2.D			
		Leeward Construction, Inc.	2,350	5.75	13,512.50
		Merco, Inc.		7.00	16,450.00
		Minichi, Inc.		6.00	14,100.00
		ENGINEER'S ESTIMATE		3.50	8,225.00
62901-1100	m2	Rolled erosion control product, type 4			
		Leeward Construction, Inc.	180	7.75	1,395.00
		Merco, Inc.		26.00	4,680.00
		Minichi, Inc.		8.00	1,440.00
		ENGINEER'S ESTIMATE		7.00	1,260.00
62901-1200	m2	Rolled erosion control product, type 5.A			
		Leeward Construction, Inc.	750	6.75	5,062.50
		Merco, Inc.		7.00	5,250.00
		Minichi, Inc.		7.00	5,250.00
		ENGINEER'S ESTIMATE		9.00	6,750.00
63304-0900	m2	Signs, aluminum panels, type 3 sheeting			
		Leeward Construction, Inc.	1.10	800.00	880.00
		Merco, Inc.		2,000.00	2,200.00
		Minichi, Inc.		594.00	653.40
		ENGINEER'S ESTIMATE		700.00	770.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63401-0300	m	Pavement markings, type B, solid			
		Leeward Construction, Inc.	1,600	2.50	4,000.00
		Merco, Inc.		3.00	4,800.00
		Minichi, Inc.		4.00	6,400.00
		ENGINEER'S ESTIMATE		0.90	1,440.00
63502-0600	Each	Temporary traffic control, barricade type 3			
		Leeward Construction, Inc.	8	350.00	2,800.00
		Merco, Inc.		460.00	3,680.00
		Minichi, Inc.		475.00	3,800.00
		ENGINEER'S ESTIMATE		500.00	4,000.00
63502-1300	Each	Temporary traffic control, drum			
		Leeward Construction, Inc.	24	75.00	1,800.00
		Merco, Inc.		122.00	2,928.00
		Minichi, Inc.		97.00	2,328.00
		ENGINEER'S ESTIMATE		55.00	1,320.00
63502-1600	Each	Temporary traffic control, warning light type B			
		Leeward Construction, Inc.	44	288.00	12,672.00
		Merco, Inc.		350.00	15,400.00
		Minichi, Inc.		361.00	15,884.00
		ENGINEER'S ESTIMATE		310.00	13,640.00
63502-2000	Each	Temporary traffic control, portable changeable message sign			
		Leeward Construction, Inc.	2	10,000.00	20,000.00
		Merco, Inc.		13,000.00	26,000.00
		Minichi, Inc.		5,017.00	10,034.00
		ENGINEER'S ESTIMATE		21,000.00	42,000.00
63503-0700	m	Temporary traffic control, pavement markings			
		Leeward Construction, Inc.	550	3.28	1,804.00
		Merco, Inc.		3.00	1,650.00
		Minichi, Inc.		4.00	2,200.00
		ENGINEER'S ESTIMATE		3.80	2,090.00
63503-0900	m	Temporary traffic control, snow fence (for tree protection)			
		Leeward Construction, Inc.	150	33.00	4,950.00
		Merco, Inc.		23.00	3,450.00
		Minichi, Inc.		24.00	3,600.00
		ENGINEER'S ESTIMATE		15.00	2,250.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63504-1000	m2	Temporary traffic control, construction sign			
		Leeward Construction, Inc.	92.00	150.00	13,800.00
		Merco, Inc.		80.00	7,360.00
		Minichi, Inc.		162.00	14,904.00
		ENGINEER'S ESTIMATE		290.00	26,680.00
63506-0500	Hour	Temporary traffic control, flagger			
		Leeward Construction, Inc.	100	33.30	3,330.00
		Merco, Inc.		33.30	3,330.00
		Minichi, Inc.		33.30	3,330.00
		ENGINEER'S ESTIMATE		33.30	3,330.00
63701-0000	Each	Field office			
		Leeward Construction, Inc.	1	15,000.00	15,000.00
		Merco, Inc.		23,616.93	23,616.93
		Minichi, Inc.		24,110.00	24,110.00
		ENGINEER'S ESTIMATE		50,000.00	50,000.00

# TABULATION OF BIDS

Date: 07/21/20

Bid Schedule - Base

Project No.: PRA-DEWA 14(10)

Project Name: REPLACEMENT OF U.S. ROUTE 209 BRIDGE OVER TOMS CREEK (MP 4.9)

## BID TOTAL CHECK PASS

Bidder	Bidder's Bid Amount	Computed Bid Amount	Error
Leeward Construction, Inc.	1,925,313.88	1,925,313.88	
Merco, Inc.	1,991,505.60	1,991,505.60	
Minichi, Inc.	2,182,000.80	2,182,000.80	

The apparent low bidder is 6 % below the engineer's estimate.

TABULATION OF BIDS

Date: 07/21/20

Bid Schedule - Base

Project No.: PRA-DEWA 14(10)

Project Name: REPLACEMENT OF U.S. ROUTE 209 BRIDGE OVER TOMS CREEK (MP 4.9)

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.