

**Bid Tabulation Summary**  
**PRA-APIS 11(1),900(1),100(1)**

<b>Summary of Bid Schedules</b>	Roffers Construction Co., Inc. 404 12th Avenue West Ashland, WI 54806	Northwoods Paving Co. P.O. Box 786 Ashland, WI 54806	Engineer's Estimate
Bid Total, Sch. A	\$994,027.36	\$1,033,236.80	\$920,000.00
Bid Total, Sch. B	\$538,518.44	\$564,817.38	\$300,000.00
Days	135	140	145
Total Cost, Sch. A+B	\$1,640,545.80	\$1,710,054.18	\$1,336,000.00
Small Business Concern?	YES	NO	
Small Disadvantaged Business Concern?	NO	NO	
Woman-Owned Business Concern?	NO	NO	
Type of Bid Guarantee:	BOND	BOND	
Bid Considered Responsive?	YES	YES	

OPENED AT STERLING, VIRGINIA  
 BY: Jeffrey Mann  
 DATE: 04/19/00

I CERTIFY THAT THIS BID TABULATION ACCURATELY REFLECTS THE BIDS RECEIVED AND PUBLICLY OPENED FOR THIS SOLICITATION

SIGNED           /s/ Jeffrey W. Mann           CONTRACT AWARDED TO:           Roffers Construction Co., Inc.          

TITLE           Highway Engineer           DATE           May 9, 2000

## TABULATION OF BIDS

Date: 04/20/00

Schedule: A

Project No.: APIS 11(1), 900(1), 100(1)

Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101	LPSM	Mobilization			
		ROFFERS CONSTRUCTION CO., INC.	ALL	71,715.00	71,715.00
		NORTHWOODS PAVING CO.		83,231.00	83,231.00
		ENGINEER'S ESTIMATE		56,588.00	56,588.00
15201	LPSM	Construction survey and staking			
		ROFFERS CONSTRUCTION CO., INC.	ALL	70,500.00	70,500.00
		NORTHWOODS PAVING CO.		82,161.00	82,161.00
		ENGINEER'S ESTIMATE		20,000.00	20,000.00
15401	LPSM	Contractor testing			
		ROFFERS CONSTRUCTION CO., INC.	ALL	3,000.00	3,000.00
		NORTHWOODS PAVING CO.		3,060.00	3,060.00
		ENGINEER'S ESTIMATE		20,000.00	20,000.00
15702	ha	Temporary turf establishment			
		ROFFERS CONSTRUCTION CO., INC.	2.0	2,251.50	4,503.00
		NORTHWOODS PAVING CO.		2,296.53	4,593.06
		ENGINEER'S ESTIMATE		1,800.00	3,600.00
15703	m	Silt fence			
		ROFFERS CONSTRUCTION CO., INC.	1,705	7.41	12,634.05
		NORTHWOODS PAVING CO.		7.56	12,889.80
		ENGINEER'S ESTIMATE		6.50	11,082.50
15709	Each	Check dams			
		ROFFERS CONSTRUCTION CO., INC.	48	229.00	10,992.00
		NORTHWOODS PAVING CO.		233.58	11,211.84
		ENGINEER'S ESTIMATE		150.00	7,200.00
20101	ha	Clearing and grubbing			
		ROFFERS CONSTRUCTION CO., INC.	2.7	6,695.99	18,079.17
		NORTHWOODS PAVING CO.		6,829.91	18,440.76
		ENGINEER'S ESTIMATE		7,200.00	19,440.00
20301AB	Each	Removal of structure (Water pump house)			
		ROFFERS CONSTRUCTION CO., INC.	1	396.15	396.15
		NORTHWOODS PAVING CO.		404.07	404.07
		ENGINEER'S ESTIMATE		5,000.00	5,000.00

## TABULATION OF BIDS

Date: 04/20/00

Schedule: A

Project No.: APIS 11(1), 900(1), 100(1)

Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20301AB	Each	Removal of structure (Park residence building)			
		ROFFERS CONSTRUCTION CO., INC.	1	4,140.19	4,140.19
		NORTHWOODS PAVING CO.		4,222.99	4,222.99
		ENGINEER'S ESTIMATE		11,000.00	11,000.00
20301AB	Each	Removal of structure (Storage shed)			
		ROFFERS CONSTRUCTION CO., INC.	1	2,327.42	2,327.42
		NORTHWOODS PAVING CO.		2,373.97	2,373.97
		ENGINEER'S ESTIMATE		6,000.00	6,000.00
20301AB	Each	Removal of structure (Communication tower)			
		ROFFERS CONSTRUCTION CO., INC.	1	3,106.50	3,106.50
		NORTHWOODS PAVING CO.		3,292.89	3,292.89
		ENGINEER'S ESTIMATE		8,000.00	8,000.00
20301AL	Each	Removal of fire hydrant			
		ROFFERS CONSTRUCTION CO., INC.	1	570.00	570.00
		NORTHWOODS PAVING CO.		581.40	581.40
		ENGINEER'S ESTIMATE		800.00	800.00
20301B	Each	Removal of signs			
		ROFFERS CONSTRUCTION CO., INC.	8	33.21	265.68
		NORTHWOODS PAVING CO.		35.20	281.60
		ENGINEER'S ESTIMATE		120.00	960.00
20301C	Each	Removal of gates			
		ROFFERS CONSTRUCTION CO., INC.	1	278.52	278.52
		NORTHWOODS PAVING CO.		284.09	284.09
		ENGINEER'S ESTIMATE		450.00	450.00
20302H	m	Removal of pipe culverts			
		ROFFERS CONSTRUCTION CO., INC.	51	60.32	3,076.32
		NORTHWOODS PAVING CO.		61.53	3,138.03
		ENGINEER'S ESTIMATE		18.50	943.50
20303PA	m2	Removal of asphalt pavement			
		ROFFERS CONSTRUCTION CO., INC.	5,435	3.08	16,739.80
		NORTHWOODS PAVING CO.		3.26	17,718.10
		ENGINEER'S ESTIMATE		9.00	48,915.00

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Date: 04/20/00

Schedule: A  
 Project No.: APIS 11(1), 900(1), 100(1)  
 Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20401	m3	Roadway excavation			
		ROFFERS CONSTRUCTION CO., INC.	7,890	7.71	60,831.90
		NORTHWOODS PAVING CO.		7.86	62,015.40
		ENGINEER'S ESTIMATE		5.00	39,450.00
20402	m3	Subexcavation			
		ROFFERS CONSTRUCTION CO., INC.	150	20.30	3,045.00
		NORTHWOODS PAVING CO.		20.71	3,106.50
		ENGINEER'S ESTIMATE		8.00	1,200.00
20701CA	m2	Earthwork geotextile, type III-A			
		ROFFERS CONSTRUCTION CO., INC.	240	2.01	482.40
		NORTHWOODS PAVING CO.		2.13	511.20
		ENGINEER'S ESTIMATE		7.70	1,848.00
20802	m3	Foundation fill			
		ROFFERS CONSTRUCTION CO., INC.	110	38.80	4,268.00
		NORTHWOODS PAVING CO.		39.58	4,353.80
		ENGINEER'S ESTIMATE		14.50	1,595.00
21101	m2	Roadway obliteration			
		ROFFERS CONSTRUCTION CO., INC.	9,150	2.65	24,247.50
		NORTHWOODS PAVING CO.		2.70	24,705.00
		ENGINEER'S ESTIMATE		7.75	70,912.50
25101C	m3	Placed riprap, class 3			
		ROFFERS CONSTRUCTION CO., INC.	388	67.03	26,007.64
		NORTHWOODS PAVING CO.		71.05	27,567.40
		ENGINEER'S ESTIMATE		45.00	17,460.00
30101Z	t	Aggregate base, grading C or D			
		ROFFERS CONSTRUCTION CO., INC.	8,270	25.13	207,825.10
		NORTHWOODS PAVING CO.		25.63	211,960.10
		ENGINEER'S ESTIMATE		13.00	107,510.00
30501	t	Aggregate-topsoil course			
		ROFFERS CONSTRUCTION CO., INC.	550	26.92	14,806.00
		NORTHWOODS PAVING CO.		28.54	15,697.00
		ENGINEER'S ESTIMATE		14.50	7,975.00

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Date: 04/20/00

Schedule: A

Project No.: APIS 11(1), 900(1), 100(1)

Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
40101CC	t	Hot asphalt concrete pavement, class C, grading C			
		ROFFERS CONSTRUCTION CO., INC.	1,960	55.36	108,505.60
		NORTHWOODS PAVING CO.		55.36	108,505.60
		ENGINEER'S ESTIMATE		40.00	78,400.00
40101CED	t	Hot asphalt concrete pavement, class C, grading E, type 4 pavement smoothness			
		ROFFERS CONSTRUCTION CO., INC.	2,760	55.34	152,738.40
		NORTHWOODS PAVING CO.		55.34	152,738.40
		ENGINEER'S ESTIMATE		40.00	110,400.00
60201H	m	300 mm pipe culvert			
		ROFFERS CONSTRUCTION CO., INC.	13	87.24	1,134.12
		NORTHWOODS PAVING CO.		88.98	1,156.74
		ENGINEER'S ESTIMATE		95.00	1,235.00
60201N	m	750 mm pipe culvert			
		ROFFERS CONSTRUCTION CO., INC.	30	149.15	4,474.50
		NORTHWOODS PAVING CO.		152.13	4,563.90
		ENGINEER'S ESTIMATE		115.00	3,450.00
60201P	m	900 mm pipe culvert			
		ROFFERS CONSTRUCTION CO., INC.	102	142.88	14,573.76
		NORTHWOODS PAVING CO.		145.74	14,865.48
		ENGINEER'S ESTIMATE		155.00	15,810.00
60203K	m	450 mm equivalent diameter, arch or elliptical culvert pipe			
		ROFFERS CONSTRUCTION CO., INC.	74	52.09	3,854.66
		NORTHWOODS PAVING CO.		53.13	3,931.62
		ENGINEER'S ESTIMATE		100.00	7,400.00
60206H	Each	End section for 300 mm pipe culvert			
		ROFFERS CONSTRUCTION CO., INC.	2	79.80	159.60
		NORTHWOODS PAVING CO.		81.40	162.80
		ENGINEER'S ESTIMATE		300.00	600.00
60206N	Each	End section for 750 mm pipe culvert			
		ROFFERS CONSTRUCTION CO., INC.	4	407.55	1,630.20
		NORTHWOODS PAVING CO.		415.70	1,662.80
		ENGINEER'S ESTIMATE		450.00	1,800.00

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Date: 04/20/00

Schedule: A  
 Project No.: APIS 11(1), 900(1), 100(1)  
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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
60206P	Each	End section for 900 mm pipe culvert			
		ROFFERS CONSTRUCTION CO., INC.	12	439.01	5,268.12
		NORTHWOODS PAVING CO.		447.79	5,373.48
		ENGINEER'S ESTIMATE		1,000.00	12,000.00
60208K	Each	End section for 450 mm equivalent diameter, arch or elliptical culvert			
		ROFFERS CONSTRUCTION CO., INC.	12	68.02	816.24
		NORTHWOODS PAVING CO.		69.38	832.56
		ENGINEER'S ESTIMATE		350.00	4,200.00
60501	m	Underdrain system			
		ROFFERS CONSTRUCTION CO., INC.	495	17.76	8,791.20
		NORTHWOODS PAVING CO.		18.83	9,320.85
		ENGINEER'S ESTIMATE		17.00	8,415.00
60703	m	Cleaning culverts in place			
		ROFFERS CONSTRUCTION CO., INC.	10	18.60	186.00
		NORTHWOODS PAVING CO.		19.72	197.20
		ENGINEER'S ESTIMATE		80.00	800.00
60909A	Each	Wheelstop (concrete)			
		ROFFERS CONSTRUCTION CO., INC.	31	43.52	1,349.12
		NORTHWOODS PAVING CO.		46.13	1,430.03
		ENGINEER'S ESTIMATE		70.00	2,170.00
61501B	m2	Portland cement concrete sidewalk			
		ROFFERS CONSTRUCTION CO., INC.	225	49.16	11,061.00
		NORTHWOODS PAVING CO.		50.14	11,281.50
		ENGINEER'S ESTIMATE		42.00	9,450.00
62407	t	Furnishing and placing topsoil			
		ROFFERS CONSTRUCTION CO., INC.	2,650	10.71	28,381.50
		NORTHWOODS PAVING CO.		11.35	30,077.50
		ENGINEER'S ESTIMATE		29.00	76,850.00
62509	ha	Turf establishment			
		ROFFERS CONSTRUCTION CO., INC.	2.0	3,534.00	7,068.00
		NORTHWOODS PAVING CO.		3,604.68	7,209.36
		ENGINEER'S ESTIMATE		12,000.00	24,000.00

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 Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
62601PCJB	Each	Pinus strobus, white pine, 1800 mm - 2400 mm height, balled and burlapped			
		ROFFERS CONSTRUCTION CO., INC.	18	285.00	5,130.00
		NORTHWOODS PAVING CO.		290.70	5,232.60
		ENGINEER'S ESTIMATE		120.00	2,160.00
62601PFJB	Each	Picea glauca, white spruce, 1800 mm - 2400 mm height, burlapped			
		ROFFERS CONSTRUCTION CO., INC.	22	353.40	7,774.80
		NORTHWOODS PAVING CO.		360.47	7,930.34
		ENGINEER'S ESTIMATE		120.00	2,640.00
62901D	m2	Erosion control mat type 4			
		ROFFERS CONSTRUCTION CO., INC.	849	11.11	9,432.39
		NORTHWOODS PAVING CO.		11.78	10,001.22
		ENGINEER'S ESTIMATE		10.00	8,490.00
63302	m2	Sign installation			
		ROFFERS CONSTRUCTION CO., INC.	11.2	262.20	2,936.64
		NORTHWOODS PAVING CO.		277.93	3,112.82
		ENGINEER'S ESTIMATE		250.00	2,800.00
63305BA	m	Posts, wood 100 mm x 100 mm			
		ROFFERS CONSTRUCTION CO., INC.	80	13.80	1,104.00
		NORTHWOODS PAVING CO.		14.08	1,126.40
		ENGINEER'S ESTIMATE		34.00	2,720.00
63308A	Each	Removing and resetting sign			
		ROFFERS CONSTRUCTION CO., INC.	5.0	114.00	570.00
		NORTHWOODS PAVING CO.		120.84	604.20
		ENGINEER'S ESTIMATE		130.00	650.00
63401	m	Pavement markings , type B, solid			
		ROFFERS CONSTRUCTION CO., INC.	6,556	1.10	7,211.60
		NORTHWOODS PAVING CO.		1.12	7,342.72
		ENGINEER'S ESTIMATE		1.50	9,834.00
63402	m2	Pavement markings , type B			
		ROFFERS CONSTRUCTION CO., INC.	33.6	125.40	4,213.44
		NORTHWOODS PAVING CO.		127.91	4,297.78
		ENGINEER'S ESTIMATE		110.00	3,696.00

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 Project No.: APIS 11(1), 900(1), 100(1)  
 Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63505C	Each	Barricade, type 3	20	ROFFERS CONSTRUCTION CO., INC.	1,938.00
				NORTHWOODS PAVING CO.	1,976.80
				ENGINEER'S ESTIMATE	6,000.00
63506A	Each	Cone, type A	70	ROFFERS CONSTRUCTION CO., INC.	558.60
				NORTHWOODS PAVING CO.	569.80
				ENGINEER'S ESTIMATE	1,400.00
63507	m2	Construction sign	33.0	ROFFERS CONSTRUCTION CO., INC.	3,197.70
				NORTHWOODS PAVING CO.	3,261.72
				ENGINEER'S ESTIMATE	5,940.00
63508B	Each	Drum, type B	70	ROFFERS CONSTRUCTION CO., INC.	1,367.10
				NORTHWOODS PAVING CO.	1,449.00
				ENGINEER'S ESTIMATE	4,550.00
63509	Hour	Flagger	500	ROFFERS CONSTRUCTION CO., INC.	18,000.00
				NORTHWOODS PAVING CO.	18,000.00
				ENGINEER'S ESTIMATE	13,500.00
63514	m	Temporary pavement markings	5,260	ROFFERS CONSTRUCTION CO., INC.	5,365.20
				NORTHWOODS PAVING CO.	5,470.40
				ENGINEER'S ESTIMATE	10,257.00
63521A	Each	Warning light, type A	46	ROFFERS CONSTRUCTION CO., INC.	655.50
				NORTHWOODS PAVING CO.	668.84
				ENGINEER'S ESTIMATE	2,760.00
63531	m	Temporary snow fence	175	ROFFERS CONSTRUCTION CO., INC.	798.00
				NORTHWOODS PAVING CO.	813.75
				ENGINEER'S ESTIMATE	2,712.50

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Date: 04/20/00

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Project No.: APIS 11(1), 900(1), 100(1)

Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63606GA	m	Conduit, 50 mm, PVC			
		ROFFERS CONSTRUCTION CO., INC.	43	24.07	1,035.01
		NORTHWOODS PAVING CO.		25.51	1,096.93
		ENGINEER'S ESTIMATE		42.00	1,806.00
63606JA	m	Conduit, 75 mm, PVC			
		ROFFERS CONSTRUCTION CO., INC.	43	24.07	1,035.01
		NORTHWOODS PAVING CO.		25.51	1,096.93
		ENGINEER'S ESTIMATE		80.00	3,440.00
63606MA	m	Conduit, 150 mm, PVC			
		ROFFERS CONSTRUCTION CO., INC.	43	24.07	1,035.01
		NORTHWOODS PAVING CO.		25.51	1,096.93
		ENGINEER'S ESTIMATE		95.00	4,085.00
63613	Each	Traffic detector system			
		ROFFERS CONSTRUCTION CO., INC.	1	5,700.00	5,700.00
		NORTHWOODS PAVING CO.		5,814.00	5,814.00
		ENGINEER'S ESTIMATE		4,500.00	4,500.00
63801	Each	Locate utilities			
		ROFFERS CONSTRUCTION CO., INC.	5	228.00	1,140.00
		NORTHWOODS PAVING CO.		232.56	1,162.80
		ENGINEER'S ESTIMATE		230.00	1,150.00

## TABULATION OF BIDS

Date: 04/20/00

Schedule: B

Project No.: APIS 11(1), 900(1),100(1)

Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101	LPSM	Mobilization			
		ROFFERS CONSTRUCTION CO.	ALL	67,677.00	67,677.00
		NORTHWOODS PAVING CO.		75,354.00	75,354.00
		ENGINEER'S ESTIMATE		21,117.00	21,117.00
15201	LPSM	Construction survey and staking			
		ROFFERS CONSTRUCTION CO.	ALL	27,250.00	27,250.00
		NORTHWOODS PAVING CO.		37,995.00	37,995.00
		ENGINEER'S ESTIMATE		6,741.50	6,741.50
15401	LPSM	Contractor testing			
		ROFFERS CONSTRUCTION CO.	ALL	3,000.00	3,000.00
		NORTHWOODS PAVING CO.		3,060.00	3,060.00
		ENGINEER'S ESTIMATE		7,000.00	7,000.00
15702	ha	Temporary turf establishment			
		ROFFERS CONSTRUCTION CO.	0.9	2,251.50	2,026.35
		NORTHWOODS PAVING CO.		2,296.02	2,066.42
		ENGINEER'S ESTIMATE		1,800.00	1,620.00
15703	m	Silt fence			
		ROFFERS CONSTRUCTION CO.	655	7.41	4,853.55
		NORTHWOODS PAVING CO.		7.56	4,951.80
		ENGINEER'S ESTIMATE		6.50	4,257.50
15709	Each	Check dams			
		ROFFERS CONSTRUCTION CO.	37	240.20	8,887.40
		NORTHWOODS PAVING CO.		245.00	9,065.00
		ENGINEER'S ESTIMATE		150.00	5,550.00
20101	ha	Clearing and grubbing			
		ROFFERS CONSTRUCTION CO.	1.9	9,374.96	17,812.42
		NORTHWOODS PAVING CO.		9,562.46	18,168.67
		ENGINEER'S ESTIMATE		7,200.00	13,680.00
20301B	Each	Removal of signs			
		ROFFERS CONSTRUCTION CO.	3	34.07	102.21
		NORTHWOODS PAVING CO.		36.11	108.33
		ENGINEER'S ESTIMATE		120.00	360.00

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Date: 04/20/00

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Project No.: APIS 11(1), 900(1),100(1)

Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20302H	m	Removal of pipe culverts			
		ROFFERS CONSTRUCTION CO.	19	54.00	1,026.00
		NORTHWOODS PAVING CO.		55.08	1,046.52
		ENGINEER'S ESTIMATE		18.50	351.50
20401	m3	Roadway excavation			
		ROFFERS CONSTRUCTION CO.	2,000	47.70	95,400.00
		NORTHWOODS PAVING CO.		48.65	97,300.00
		ENGINEER'S ESTIMATE		5.00	10,000.00
20402	m3	Subexcavation ation			
		ROFFERS CONSTRUCTION CO.	200	28.36	5,672.00
		NORTHWOODS PAVING CO.		28.93	5,786.00
		ENGINEER'S ESTIMATE		8.00	1,600.00
20701CA	m2	Earthwork geotextile, type III-A			
		ROFFERS CONSTRUCTION CO.	300	2.01	603.00
		NORTHWOODS PAVING CO.		2.05	615.00
		ENGINEER'S ESTIMATE		7.70	2,310.00
20802	m3	Foundation fill			
		ROFFERS CONSTRUCTION CO.	27	43.27	1,168.29
		NORTHWOODS PAVING CO.		44.14	1,191.78
		ENGINEER'S ESTIMATE		14.50	391.50
25101C	m3	Placed riprap, class 3			
		ROFFERS CONSTRUCTION CO.	15	65.68	985.20
		NORTHWOODS PAVING CO.		66.99	1,004.85
		ENGINEER'S ESTIMATE		45.00	675.00
30101Z	t	Aggregate base, grading C or D			
		ROFFERS CONSTRUCTION CO.	5,040	26.67	134,416.80
		NORTHWOODS PAVING CO.		27.20	137,088.00
		ENGINEER'S ESTIMATE		13.00	65,520.00
30501	t	Aggregate-topsoil course C or D			
		ROFFERS CONSTRUCTION CO.	410	27.39	11,229.90
		NORTHWOODS PAVING CO.		29.03	11,902.30
		ENGINEER'S ESTIMATE		14.50	5,945.00

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Project No.: APIS 11(1), 900(1),100(1)

Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
40101CC	t	Hot asphalt concrete pavement, class C, grading C			
		ROFFERS CONSTRUCTION CO.	990	53.83	53,291.70
		NORTHWOODS PAVING CO.		53.83	53,291.70
		ENGINEER'S ESTIMATE		40.00	39,600.00
40101CED	t	Hot asphalt concrete pavement, class C, grading E, type 4 pavement smoothness			
		ROFFERS CONSTRUCTION CO.	680	54.20	36,856.00
		NORTHWOODS PAVING CO.		54.20	36,856.00
		ENGINEER'S ESTIMATE		40.00	27,200.00
60201H	m	300 mm pipe culvert			
		ROFFERS CONSTRUCTION CO.	17	90.88	1,544.96
		NORTHWOODS PAVING CO.		92.70	1,575.90
		ENGINEER'S ESTIMATE		95.00	1,615.00
60201M	m	600 mm pipe culvert			
		ROFFERS CONSTRUCTION CO.	43	97.97	4,212.71
		NORTHWOODS PAVING CO.		99.93	4,296.99
		ENGINEER'S ESTIMATE		105.00	4,515.00
60206H	Each	End section for 300 mm pipe culvert			
		ROFFERS CONSTRUCTION CO.	2	79.80	159.60
		NORTHWOODS PAVING CO.		81.40	162.80
		ENGINEER'S ESTIMATE		300.00	600.00
60501	m	Underdrain system			
		ROFFERS CONSTRUCTION CO.	155	25.91	4,016.05
		NORTHWOODS PAVING CO.		27.46	4,256.30
		ENGINEER'S ESTIMATE		17.00	2,635.00
60703	m	Cleaning culverts in place			
		ROFFERS CONSTRUCTION CO.	19	18.60	353.40
		NORTHWOODS PAVING CO.		19.72	374.68
		ENGINEER'S ESTIMATE		80.00	1,520.00
60909A	Each	Wheelstop (concrete)			
		ROFFERS CONSTRUCTION CO.	17	42.14	716.38
		NORTHWOODS PAVING CO.		44.67	759.39
		ENGINEER'S ESTIMATE		70.00	1,190.00

## TABULATION OF BIDS

Date: 04/20/00

Schedule: B

Project No.: APIS 11(1), 900(1),100(1)

Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
61501H	m2	Gravel sidewalk			
		ROFFERS CONSTRUCTION CO.	270	24.24	6,544.80
		NORTHWOODS PAVING CO.		24.72	6,674.40
		ENGINEER'S ESTIMATE		29.00	7,830.00
62007AM	Each	Stone masonry headwall for 600 mm pipe culvert			
		ROFFERS CONSTRUCTION CO.	2	6,851.40	13,702.80
		NORTHWOODS PAVING CO.		6,988.43	13,976.86
		ENGINEER'S ESTIMATE		3,500.00	7,000.00
62407	t	Furnishing and placing topsoil			
		ROFFERS CONSTRUCTION CO.	1,010	13.85	13,988.50
		NORTHWOODS PAVING CO.		14.13	14,271.30
		ENGINEER'S ESTIMATE		29.00	29,290.00
62509	ha	Turf establishment			
		ROFFERS CONSTRUCTION CO.	0.9	3,534.00	3,180.60
		NORTHWOODS PAVING CO.		3,604.68	3,244.21
		ENGINEER'S ESTIMATE		12,000.00	10,800.00
62901D	m2	Erosion control mat type 4			
		ROFFERS CONSTRUCTION CO.	60	11.11	666.60
		NORTHWOODS PAVING CO.		11.33	679.80
		ENGINEER'S ESTIMATE		10.00	600.00
63302	m2	Sign installation			
		ROFFERS CONSTRUCTION CO.	1.1	262.20	288.42
		NORTHWOODS PAVING CO.		277.93	305.72
		ENGINEER'S ESTIMATE		250.00	275.00
63305BA	m	Posts, wood 100 mm x 100 mm			
		ROFFERS CONSTRUCTION CO.	12	13.80	165.60
		NORTHWOODS PAVING CO.		14.08	168.96
		ENGINEER'S ESTIMATE		34.00	408.00
63308A	Each	Removing and resetting sign			
		ROFFERS CONSTRUCTION CO.	3.0	114.00	342.00
		NORTHWOODS PAVING CO.		120.84	362.52
		ENGINEER'S ESTIMATE		130.00	390.00

## TABULATION OF BIDS

Date: 04/20/00

Schedule: B  
 Project No.: APIS 11(1), 900(1),100(1)  
 Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63401	m	Pavement markings , type B, solid			
		ROFFERS CONSTRUCTION CO.	1,324	1.10	1,456.40
		NORTHWOODS PAVING CO.		1.12	1,482.88
		ENGINEER'S ESTIMATE		1.50	1,986.00
63402	m2	Pavement markings , type B			
		ROFFERS CONSTRUCTION CO.	6.4	125.40	802.56
		NORTHWOODS PAVING CO.		127.91	818.62
		ENGINEER'S ESTIMATE		110.00	704.00
63505C	Each	Barricade, type 3			
		ROFFERS CONSTRUCTION CO.	3	96.90	290.70
		NORTHWOODS PAVING CO.		98.84	296.52
		ENGINEER'S ESTIMATE		300.00	900.00
63507	m2	Construction sign			
		ROFFERS CONSTRUCTION CO.	3.6	96.90	348.84
		NORTHWOODS PAVING CO.		98.84	355.82
		ENGINEER'S ESTIMATE		180.00	648.00
63521A	Each	Warning light, type A			
		ROFFERS CONSTRUCTION CO.	6	14.25	85.50
		NORTHWOODS PAVING CO.		14.54	87.24
		ENGINEER'S ESTIMATE		60.00	360.00
63531	m	Temporary snow fence			
		ROFFERS CONSTRUCTION CO.	50	4.65	232.50
		NORTHWOODS PAVING CO.		4.74	237.00
		ENGINEER'S ESTIMATE		15.50	775.00
63606GA	m	Conduit, 50 mm, PVC			
		ROFFERS CONSTRUCTION CO.	20	24.07	481.40
		NORTHWOODS PAVING CO.		25.51	510.20
		ENGINEER'S ESTIMATE		42.00	840.00
63606JA	m	Conduit, 75 mm, PVC			
		ROFFERS CONSTRUCTION CO.	40	24.07	962.80
		NORTHWOODS PAVING CO.		25.51	1,020.40
		ENGINEER'S ESTIMATE		80.00	3,200.00

## TABULATION OF BIDS

Date: 04/20/00

Schedule: B

Project No.: APIS 11(1), 900(1),100(1)

Project Name: APOSTLE ISLAND NATIONAL LAKESHORE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63607C	m	Electrical conductors, 10 awg (Copper)			
		ROFFERS CONSTRUCTION CO.	100	24.07	2,407.00
		NORTHWOODS PAVING CO.		25.51	2,551.00
		ENGINEER'S ESTIMATE		5.00	500.00
63607L	m	Electrical conductors, 00 awg (4/0 copper)			
		ROFFERS CONSTRUCTION CO.	150	24.07	3,610.50
		NORTHWOODS PAVING CO.		24.55	3,682.50
		ENGINEER'S ESTIMATE		20.00	3,000.00
63613	Each	Traffic detector system			
		ROFFERS CONSTRUCTION CO.	1	5,700.00	5,700.00
		NORTHWOODS PAVING CO.		5,814.00	5,814.00
		ENGINEER'S ESTIMATE		4,500.00	4,500.00