

City Of Spokane
Engineering Services Department

***** Bid Tabulation *****

Project Number: 2006043

Project Description: Wellesley and Belt Signal

Original Date: 5/6/2008 9:54:09 AM

Funding Source: Federal

Update Date: 2/23/2009 2:02:07 PM

Preparer: Gerald Okihara

Addendum:

Project Number: 2006043			Engineer's Estimate		Red Diamond Construction Inc		Spokane Rock Products Inc		Half Moon Construction & Leasing Inc	
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description				Tax Classification						
Schedule 01 Common Items				Public Street Improvement						
101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
102	SPCC PLAN	1 LS	*****	400.00	*****	150.00	*****	500.00	*****	500.00
103	MOBILIZATION	1 LS	*****	30,000.00	*****	31,500.00	*****	28,000.00	*****	34,000.00
104	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	20,000.00	*****	29,000.00	*****	30,000.00	*****	11,000.00
105	SPECIAL SIGNS	303 SF	7.50	2,272.50	9.00	2,727.00	12.00	3,636.00	13.00	3,939.00
106	SEQUENTIAL ARROW SIGN	40 24D	80.00	3,200.00	55.00	2,200.00	40.00	1,600.00	45.00	1,800.00
107	TYPE III BARRICADE	19 EA	80.00	1,520.00	50.00	950.00	40.00	760.00	45.00	855.00
108	ESC LEAD	1 LS	*****	1,500.00	*****	785.00	*****	3,000.00	*****	500.00
109	INLET PROTECTION	3 EA	100.00	300.00	50.00	150.00	250.00	750.00	200.00	600.00
Schedule Totals				59,191.50		67,461.00		68,245.00		53,193.00

Project Number: 2006043			Engineer's Estimate		Red Diamond Construction Inc		Spokane Rock Products Inc		Half Moon Construction & Leasing Inc	
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 02</i> Traffic Signal Items				Public Street Improvement						
201	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	1,500.00	*****	2,500.00	*****	1,200.00	*****	2,000.00
202	REMOVE EXISTING CURB	188 LF	5.00	940.00	1.50	282.00	3.00	564.00	5.00	940.00
203	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	99 SY	7.00	693.00	2.50	247.50	8.50	841.50	16.00	1,584.00
204	SAWCUTTING RIGID PAVEMENT	404 LFI	1.50	606.00	0.95	383.80	3.00	1,212.00	1.80	727.20
205	SAWCUTTING FLEXIBLE PAVEMENT	1120 LFI	1.25	1,400.00	0.45	504.00	1.00	1,120.00	0.60	672.00
206	ROADWAY EXCAVATION INCL. HAUL	2089 CY	30.00	62,670.00	12.00	25,068.00	9.00	18,801.00	18.00	37,602.00
207	PREPARATION OF UNTREATED ROADWAY	547 SY	3.50	1,914.50	1.00	547.00	2.10	1,148.70	4.00	2,188.00
208	CRUSHED SURFACING BASE COURSE	138 CY	40.00	5,520.00	33.00	4,554.00	55.00	7,590.00	41.00	5,658.00
209	CSTC FOR SIDEWALK AND DRIVEWAYS	21 CY	40.00	840.00	25.00	525.00	100.00	2,100.00	33.00	693.00
210	CEMENT CONCRETE CURB WALL	23 LF	80.00	1,840.00	24.00	552.00	25.00	575.00	35.00	805.00
211	ADJUST EXISTING VALVE BOX IN ASPHALT	4 EA	300.00	1,200.00	175.00	700.00	150.00	600.00	700.00	2,800.00
212	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1 LS	*****	1,000.00	*****	300.00	*****	1,500.00	*****	1,000.00
213	CEMENT CONCRETE CURB	251 LF	20.00	5,020.00	13.15	3,300.65	18.00	4,518.00	15.00	3,765.00
214	CHANNELIZING DEVICES	3 EA	75.00	225.00	65.00	195.00	60.00	180.00	70.00	210.00
215	MODIFY FENCING	1 LS	*****	1,000.00	*****	1,200.00	*****	1,000.00	*****	1,000.00
216	MONUMENT FRAME AND COVER	1 EA	300.00	300.00	300.00	300.00	250.00	250.00	700.00	700.00
217	REFERENCE AND RESET MONUMENT	1 EA	2,000.00	2,000.00	700.00	700.00	550.00	550.00	1,000.00	1,000.00
218	CEMENT CONC. SIDEWALK	103 SY	50.00	5,150.00	34.00	3,502.00	29.70	3,059.10	24.00	2,472.00
219	RAMP DETECTABLE WARNING	64 SF	22.00	1,408.00	25.00	1,600.00	25.00	1,600.00	24.00	1,536.00

Project Number: 2006043		Engineer's Estimate		Red Diamond Construction Inc		Spokane Rock Products Inc		Half Moon Construction & Leasing Inc		
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>							
<i>Schedule 02</i> Traffic Signal Items				Public Street Improvement							
220	TRAFFIC SIGNAL SYSTEM WELLESLEY & BELT	1 LS	*****	75,850.00	*****	58,950.00	*****	52,450.00	*****	54,000.00	
221	COMMUNICATION (INTERCONNECT) SYSTEM	1 LS	*****	12,000.00	*****	9,500.00	*****	8,125.00	*****	9,000.00	
222	REINFORCED DOWELED CURB	836 LF	7.00	5,852.00	6.50	5,434.00	6.00	5,016.00	8.00	6,688.00	
223	CONCRETE TRAFFIC ISLAND _24_ IN. WIDE	333 LF	18.00	5,994.00	14.00	4,662.00	12.00	3,996.00	12.00	3,996.00	
224	TRAFFIC ISLAND CONCRETE	82 SY	40.00	3,280.00	30.00	2,460.00	36.00	2,952.00	43.00	3,526.00	
Schedule Totals				198,202.50		127,966.95		120,948.30		144,562.20	

Project Number: 2006043		Engineer's Estimate		Red Diamond Construction Inc		Spokane Rock Products Inc		Half Moon Construction & Leasing Inc		
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 03 Sewer</i>				<i>Public Street Improvement</i>						
301	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	4,170.00	*****	375.00	*****	1,500.00	*****	2,000.00
302	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	2 EA	600.00	1,200.00	425.00	850.00	300.00	600.00	900.00	1,800.00
303	CATCH BASIN TYPE 1	2 EA	2,000.00	4,000.00	1,200.00	2,400.00	1,900.00	3,800.00	2,930.00	5,860.00
304	STORM SEWER PIPE ___8_ IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	70 LF	50.00	3,500.00	32.00	2,240.00	32.00	2,240.00	33.00	2,310.00
305	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & VANED GRATE	1 EA	745.00	745.00	400.00	400.00	675.00	675.00	1,000.00	1,000.00
306	CONNECT _8_ IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	500.00	1,000.00	400.00	800.00	575.00	1,150.00	770.00	1,540.00
307	CLEANING EXISTING DRAINAGE STRUCTURE	1 EA	500.00	500.00	200.00	200.00	185.00	185.00	1,000.00	1,000.00
308	TRENCH SAFETY SYSTEM	1 LS	*****	1,000.00	*****	25.00	*****	620.00	*****	100.00
309	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	1,000.00	*****	75.00	*****	620.00	*****	100.00
Schedule Totals				17,115.00		7,365.00		11,390.00		15,710.00

Project Number: 2006043			Engineer's Estimate		Red Diamond Construction Inc		Spokane Rock Products Inc		Half Moon Construction & Leasing Inc	
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 04</i> Bond items				Public Street Improvement						
401	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	1,500.00	*****	1,000.00	*****	620.00	*****	2,000.00
402	SAWCUTTING RIGID PAVEMENT	104 LFI	1.50	156.00	0.95	98.80	3.00	312.00	1.80	187.20
403	SAWCUTTING FLEXIBLE PAVEMENT	1494 LFI	0.50	747.00	0.45	672.30	1.00	1,494.00	0.60	896.40
404	PREPARATION OF UNTREATED ROADWAY	4456 SY	3.50	15,596.00	1.00	4,456.00	2.10	9,357.60	2.00	8,912.00
405	CRUSHED SURFACING BASE COURSE	1100 CY	30.00	33,000.00	33.00	36,300.00	44.25	48,675.00	41.00	45,100.00
406	HMA CL. 1/2 IN. PG 70-28, 2 INCH THICK	4456 SY	11.00	49,016.00	11.45	51,021.20	11.25	50,130.00	11.00	49,016.00
407	HMA CL. 1/2 IN. PG 70-28, 4 INCH THICK	4456 SY	19.00	84,664.00	21.72	96,784.32	20.50	91,348.00	20.60	91,793.60
408	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
409	COMPACTION PRICE ADJUSTMENT	1 CAL	3,300.00	3,300.00	3,300.00	3,300.00	3,300.00	3,300.00	3,300.00	3,300.00
410	ADJUST EXISTING VALVE BOX IN ASPHALT	3 EA	300.00	900.00	75.00	225.00	150.00	450.00	700.00	2,100.00
411	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, CLEANOUT, OR INLET IN ASPHALT	3 EA	550.00	1,650.00	300.00	900.00	425.00	1,275.00	1,000.00	3,000.00
412	SIGNING, PERMANENT	1 LS	*****	2,500.00	*****	4,000.00	*****	3,820.00	*****	4,000.00
413	PAVEMENT MARKING - DURABLE INLAY TAPE	872 SF	9.00	7,848.00	10.00	8,720.00	9.62	8,388.64	10.00	8,720.00
414	TEMPORARY PAVEMENT MARKING	1 LS	*****	2,000.00	*****	200.00	*****	750.00	*****	800.00
Schedule Totals				202,876.00		207,676.62		219,919.24		219,824.20

Project Number: 2006043		Engineer's Estimate		MDM Construction						
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 01</i> Common Items				Public Street Improvement						
101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	-1.00	-1.00	-1.00	-1.00	0.00	0.00	0.00	0.00
102	SPCC PLAN	1 LS	*****	400.00	*****	2,340.00	*****	0.00	*****	0.00
103	MOBILIZATION	1 LS	*****	30,000.00	*****	14,335.00	*****	0.00	*****	0.00
104	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	20,000.00	*****	35,075.00	*****	0.00	*****	0.00
105	SPECIAL SIGNS	303 SF	7.50	2,272.50	14.00	4,242.00	0.00	0.00	0.00	0.00
106	SEQUENTIAL ARROW SIGN	40 24D	80.00	3,200.00	47.00	1,880.00	0.00	0.00	0.00	0.00
107	TYPE III BARRICADE	19 EA	80.00	1,520.00	48.00	912.00	0.00	0.00	0.00	0.00
108	ESC LEAD	1 LS	*****	1,500.00	*****	1,755.00	*****	0.00	*****	0.00
109	INLET PROTECTION	3 EA	100.00	300.00	132.00	396.00	0.00	0.00	0.00	0.00
Schedule Totals				59,191.50		60,934.00		0.00		0.00

Project Number: 2006043			Engineer's Estimate		MDM Construction					
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 02</i> Traffic Signal Items				Public Street Improvement						
201	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	1,500.00	*****	2,665.00	*****	0.00	*****	0.00
202	REMOVE EXISTING CURB	188 LF	5.00	940.00	3.00	564.00	0.00	0.00	0.00	0.00
203	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	99 SY	7.00	693.00	7.00	693.00	0.00	0.00	0.00	0.00
204	SAWCUTTING RIGID PAVEMENT	404 LFI	1.50	606.00	1.25	505.00	0.00	0.00	0.00	0.00
205	SAWCUTTING FLEXIBLE PAVEMENT	1120 LFI	1.25	1,400.00	0.60	672.00	0.00	0.00	0.00	0.00
206	ROADWAY EXCAVATION INCL. HAUL	2089 CY	30.00	62,670.00	18.00	37,602.00	0.00	0.00	0.00	0.00
207	PREPARATION OF UNTREATED ROADWAY	547 SY	3.50	1,914.50	6.00	3,282.00	0.00	0.00	0.00	0.00
208	CRUSHED SURFACING BASE COURSE	138 CY	40.00	5,520.00	69.00	9,522.00	0.00	0.00	0.00	0.00
209	CSTC FOR SIDEWALK AND DRIVEWAYS	21 CY	40.00	840.00	29.00	609.00	0.00	0.00	0.00	0.00
210	CEMENT CONCRETE CURB WALL	23 LF	80.00	1,840.00	29.00	667.00	0.00	0.00	0.00	0.00
211	ADJUST EXISTING VALVE BOX IN ASPHALT	4 EA	300.00	1,200.00	83.00	332.00	0.00	0.00	0.00	0.00
212	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1 LS	*****	1,000.00	*****	1,865.00	*****	0.00	*****	0.00
213	CEMENT CONCRETE CURB	251 LF	20.00	5,020.00	21.00	5,271.00	0.00	0.00	0.00	0.00
214	CHANNELIZING DEVICES	3 EA	75.00	225.00	70.00	210.00	0.00	0.00	0.00	0.00
215	MODIFY FENCING	1 LS	*****	1,000.00	*****	1,755.00	*****	0.00	*****	0.00
216	MONUMENT FRAME AND COVER	1 EA	300.00	300.00	410.00	410.00	0.00	0.00	0.00	0.00
217	REFERENCE AND RESET MONUMENT	1 EA	2,000.00	2,000.00	1,462.00	1,462.00	0.00	0.00	0.00	0.00
218	CEMENT CONC. SIDEWALK	103 SY	50.00	5,150.00	35.00	3,605.00	0.00	0.00	0.00	0.00
219	RAMP DETECTABLE WARNING	64 SF	22.00	1,408.00	29.00	1,856.00	0.00	0.00	0.00	0.00

Project Number: 2006043			Engineer's Estimate		MDM Construction					
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 02</i> Traffic Signal Items				Public Street Improvement						
220	TRAFFIC SIGNAL SYSTEM WELLESLEY & BELT	1 LS	*****	75,850.00	*****	67,600.00	*****	0.00	*****	0.00
221	COMMUNICATION (INTERCONNECT) SYSTEM	1 LS	*****	12,000.00	*****	10,250.00	*****	0.00	*****	0.00
222	REINFORCED DOWELED CURB	836 LF	7.00	5,852.00	7.00	5,852.00	0.00	0.00	0.00	0.00
223	CONCRETE TRAFFIC ISLAND _24_ IN. WIDE	333 LF	18.00	5,994.00	14.00	4,662.00	0.00	0.00	0.00	0.00
224	TRAFFIC ISLAND CONCRETE	82 SY	40.00	3,280.00	14.00	1,148.00	0.00	0.00	0.00	0.00
Schedule Totals				198,202.50		163,059.00		0.00		0.00

Project Number: 2006043			Engineer's Estimate		MDM Construction					
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 03 Sewer</i>				<i>Public Street Improvement</i>						
301	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	4,170.00	*****	1,700.00	*****	0.00	*****	0.00
302	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	2 EA	600.00	1,200.00	315.00	630.00	0.00	0.00	0.00	0.00
303	CATCH BASIN TYPE 1	2 EA	2,000.00	4,000.00	1,655.00	3,310.00	0.00	0.00	0.00	0.00
304	STORM SEWER PIPE ___8_ IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	70 LF	50.00	3,500.00	70.00	4,900.00	0.00	0.00	0.00	0.00
305	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & VANED GRATE	1 EA	745.00	745.00	522.00	522.00	0.00	0.00	0.00	0.00
306	CONNECT _8_ IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	500.00	1,000.00	206.00	412.00	0.00	0.00	0.00	0.00
307	CLEANING EXISTING DRAINAGE STRUCTURE	1 EA	500.00	500.00	2,292.00	2,292.00	0.00	0.00	0.00	0.00
308	TRENCH SAFETY SYSTEM	1 LS	*****	1,000.00	*****	735.00	*****	0.00	*****	0.00
309	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	1,000.00	*****	585.00	*****	0.00	*****	0.00
Schedule Totals				17,115.00		15,086.00		0.00		0.00

Project Number: 2006043			Engineer's Estimate		MDM Construction					
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 04</i> Bond items				Public Street Improvement						
401	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	1,500.00	*****	1,170.00	*****	0.00	*****	0.00
402	SAWCUTTING RIGID PAVEMENT	104 LFI	1.50	156.00	1.25	130.00	0.00	0.00	0.00	0.00
403	SAWCUTTING FLEXIBLE PAVEMENT	1494 LFI	0.50	747.00	0.75	1,120.50	0.00	0.00	0.00	0.00
404	PREPARATION OF UNTREATED ROADWAY	4456 SY	3.50	15,596.00	4.50	20,052.00	0.00	0.00	0.00	0.00
405	CRUSHED SURFACING BASE COURSE	1100 CY	30.00	33,000.00	57.00	62,700.00	0.00	0.00	0.00	0.00
406	HMA CL. 1/2 IN. PG 70-28, 2 INCH THICK	4456 SY	11.00	49,016.00	13.75	61,270.00	0.00	0.00	0.00	0.00
407	HMA CL. 1/2 IN. PG 70-28, 4 INCH THICK	4456 SY	19.00	84,664.00	26.00	115,856.00	0.00	0.00	0.00	0.00
408	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	0.00	0.00	0.00	0.00
409	COMPACTION PRICE ADJUSTMENT	1 CAL	3,300.00	3,300.00	3,300.00	3,300.00	0.00	0.00	0.00	0.00
410	ADJUST EXISTING VALVE BOX IN ASPHALT	3 EA	300.00	900.00	235.00	705.00	0.00	0.00	0.00	0.00
411	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, CLEANOUT, OR INLET IN ASPHALT	3 EA	550.00	1,650.00	545.00	1,635.00	0.00	0.00	0.00	0.00
412	SIGNING, PERMANENT	1 LS	*****	2,500.00	*****	4,470.00	*****	0.00	*****	0.00
413	PAVEMENT MARKING - DURABLE INLAY TAPE	872 SF	9.00	7,848.00	11.25	9,810.00	0.00	0.00	0.00	0.00
414	TEMPORARY PAVEMENT MARKING	1 LS	*****	2,000.00	*****	880.00	*****	0.00	*****	0.00
Schedule Totals				202,876.00		283,097.50		0.00		0.00

Project Number **2006043** **Wellesley and Belt Signal**

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	59,191.50	198,202.50	17,115.00	202,876.00	0.00	0.00	0.00	0.00	477,385.00
Red Diamond Construc	67,461.00	127,966.95	7,365.00	207,676.62	0.00	0.00	0.00	0.00	410,469.57
Spokane Rock Product	68,245.00	120,948.30	11,390.00	219,919.24	0.00	0.00	0.00	0.00	420,502.54
Half Moon Construction	53,193.00	144,562.20	15,710.00	219,824.20	0.00	0.00	0.00	0.00	433,289.40
MDM Construction	60,934.00	163,059.00	15,086.00	283,097.50	0.00	0.00	0.00	0.00	522,176.50

Low Bid Contractor: Red Diamond Construction Inc

	Contractor's Bid	Engineer's Estimate	% Variance	
Schedule 01	\$67,461.00	\$59,191.50	13.97	% Over Estimate
Schedule 02	\$127,966.95	\$198,202.50	35.44	% Under Estimate
Schedule 03	\$7,365.00	\$17,115.00	56.97	% Under Estimate
Schedule 04	\$207,676.62	\$202,876.00	2.37	% Over Estimate
Bid Totals	\$410,469.57	\$477,385.00	14.02	% Under Estimate