



MEMORANDUM

CITY OF LANGLEY

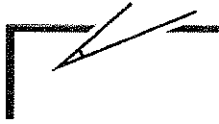
112 Second St./PO Box 366 Langley, Washington 98260 (360) 221-4246

To: Mayor Samuelson and Members of the City Council
From: Challis Stringer, Director of Public Works
Date: October 6, 2011
Re: Municipal Park and Ride Construction Contract Award

On May 31st, 2011 bids were opened for the Municipal Park and Ride project. Three contractors bid on the project:

Kreig Construction, Inc.	\$472,706.90
C. Johnson Construction, Inc.	\$571,051.60
Trimaxx Construction, Inc.	\$612,193.80
Engineer's Estimate	\$381,618.00

The low bid has been reviewed and is accurate. The City is confident they are capable and perform work in a professional manner. Staff recommends awarding the Municipal Park and Ride Improvements (STPR-0670 (001)) to Kreig Construction, Inc., in an amount not to exceed \$472,706.90.



Cane Engineering

231 SE Barrington Dr, Suite 203
P.O. Box 459
Oak Harbor, WA 98277

Tel: 360-279-0615
Fax: 360-679-5046

June 1, 2011

Challis Stringer, Public Works Director
City of Langley
P.O. Box 366
Langley, WA 98260

Re: Municipal Park and Ride Improvements – STPR-0670 (001)
Recommendation of Award

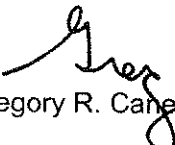
Dear Challis:

As you know, bids were opened on Tuesday, May 31, 2011, for the noted project. Krieg Construction, Inc., submitted the low bid in the amount of \$472,706.90, as confirmed in the enclosed bid tabulation. This bid is significantly higher than the engineer's estimate of \$381,618.00 for the project. The engineer's estimate was based on recent bid results, which have reflected the decline of construction activity since 2008. The Krieg bid is close to project costs prior to the downturn. Based on our review of this bid and associated documents, we recommend that, if the City of Langley decides to proceed with this project, they award the contract to Krieg Construction, Inc.

Please note that in order to comply with the federal requirements to receive federal funding, the City must obtain concurrence for the bid award from WSDOT's Highways and Local Programs as the Certification Acceptance agency with oversight authority.

If you have any questions regarding this matter, please do not hesitate to call me.

Sincerely,
Cane Engineering



Gregory R. Cane, P.E.

Cc: Ryan Goodman, P.E., City Engineer
Harry Haslam, Highway and Local Programs, WSDOT
Krieg Construction, Inc.

Enclosure: Bid Tabulation

CITY OF LANGLEY - MUNICIPAL PARK AND RIDE IMPROVEMENTS

Bid Tabulation

Bid Opening: 11 AM - May 31, 2011

Cc. g/c	ITEM NO.	ITEM	Engineer's Estimate			Krieg Construction, Inc.			C Johnson Construction, Inc.			Trimaxx Construction, Inc.		
			UNIT QUANTITY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	
A-1		Mobilization (0001)	LS	1	22,000.00	\$22,000.00	29,750.00	\$29,750.00	40,000.00	\$40,000.00	65,000.00	\$65,000.00		
A-2		Clearing, Grubbing, and Planting Preparation	AC	0.95	8,000.00	7,600.00	15,000.00	14,250.00	25,000.00	23,750.00	10,000.00	9,500.00		
A-3		Removal of Structure and Obstruction (0050)	LS	1	5,200.00	5,200.00	30,000.00	30,000.00	8,450.00	8,450.00	25,000.00	25,000.00		
A-4		Removing Cement Conc. Sidewalk (0100)	SY	85	14.00	1,190.00	11.75	998.75	5.45	463.25	10.00	850.00		
A-5		Excavation and Embankment	LS	1	15,300.00	15,300.00	15,000.00	15,000.00	27,120.00	27,120.00	12,000.00	12,000.00		
A-6		Roadway Excavation Incl. Haul (0310)	CY	1,600	12.00	19,200.00	10.00	16,000.00	12.80	20,480.00	25.00	40,000.00		
A-7		Quarry Spalls (1095)	CY	5	40.00	200.00	300.00	1,500.00	152.00	760.00	100.00	500.00		
A-8		Catch Basin Type 1 (3091)	EA	11	840.00	9,240.00	1,500.00	16,500.00	980.00	10,780.00	1,100.00	12,100.00		
A-9		Catch Basin Type 2 48 In. Diam. (3105)	EA	1	3,360.00	3,360.00	4,800.00	4,800.00	2,110.00	2,110.00	5,000.00	5,000.00		
A-10		Solid Wall PVC Storm Sewer Pipe, 4 In. Diam.	LF	200	17.00	3,400.00	7.50	1,500.00	30.90	6,100.00	15.00	3,000.00		
A-11		Solid Wall PVC Storm Sewer Pipe, 6 In. Diam.	LF	45	24.00	1,080.00	30.00	1,350.00	23.50	1,057.50	15.00	675.00		
A-12		Corrugated Polyethylene Storm Sewer Pipe, 8 In. Diam.	LF	370	38.00	8,880.00	19.75	7,307.50	35.40	13,098.00	22.00	8,140.00		
A-13		Corrugated Polyethylene Storm Sewer Pipe, 18 In. Diam. (3607)	LF	25	38.00	950.00	37.00	925.00	45.40	1,135.00	35.00	875.00		
A-14		Blank Run Gravel for Trench Backfill (3815)	CY	270	14.00	3,780.00	18.85	5,089.50	17.70	4,779.00	25.00	6,750.00		
A-15		Conc. Class 4000 for Retaining Wall (4139)	CY	35	355.00	12,425.00	320.00	11,200.00	455.00	15,925.00	400.00	14,000.00		
A-16		St. Reinf. Bar for Retaining Wall (4150)	LB	1,700	0.80	1,360.00	1.80	3,060.00	1.90	3,230.00	3.00	5,100.00		
A-17		Conduit Pipe 2 In. Diam. (4352)	LF	450	5.00	2,250.00	8.00	3,600.00	3.40	1,530.00	10.00	4,500.00		
A-18		Gravel Base (5047)	TN	1,950	9.50	18,525.00	16.50	32,175.00	12.90	25,155.00	30.00	58,500.00		
A-19		Crushed Surfacing Top Course (5120)	TN	750	21.00	15,750.00	30.00	22,500.00	47.60	35,700.00	35.00	26,250.00		
A-20		Commercial HMA (5875)	TN	740	105.00	77,700.00	118.00	87,320.00	131.00	96,940.00	125.00	92,500.00		
A-21		Play Sand	CY	110	29.00	3,190.00	33.00	3,630.00	2.50	275.00	3.00	300.00		
A-22		Topsoil Type A (6405)	CY	250	34.00	8,500.00	39.00	9,750.00	55.30	13,825.00	50.00	12,500.00		
A-23		Erosion/Water Pollution Control (6490)	EST	1	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00			
A-24		Bioretention Soil	CY	300	49.00	13,500.00	41.85	12,555.00	56.00	16,800.00	30.00	9,000.00		
A-25		Plant Selection - Acer Rubrum 'Autumn Blaze', 2 In. Cal. (6550)	EA	16	175.00	2,800.00	188.00	3,008.00	214.00	3,424.00	75.00	1,200.00		
A-26		Plant Selection - Vaccinium Ovatum, No. 1 Cont. (6550)	EA	63	9.00	567.00	11.50	724.50	13.10	829.30	20.00	1,260.00		
A-27		Plant Selection - Acer Circinatum, 6 Ft. to 8 Ft. Ht. (6550)	EA	16	84.00	1,344.00	188.00	3,008.00	214.00	3,424.00	125.00	2,000.00		
A-28		Plant Selection - Myrica Californica, No. 5 Cont. (6550)	EA	24	18.00	432.00	11.50	276.00	13.10	314.40	20.00	480.00		
A-29		Plant Selection - Thuja Platyloba, 6 Ft. to 8 Ft. Ht. (6550)	EA	11	85.00	924.00	188.00	2,068.00	214.00	2,354.00	125.00	1,375.00		
A-30		Plant Selection - Arnelanchier x Grandiflora 'Autumn Brilliance', 2 In. Cal. (6550)	EA	6	175.00	1,050.00	188.00	1,128.00	214.00	1,284.00	75.00	450.00		
A-31		Plant Selection - Viburnum Davidii, No. 1 Cont. (6550)	EA	50	9.00	450.00	11.50	575.00	13.10	655.00	12.00	600.00		
A-32		Plant Selection - Physocarpus Opulifolius 'Diablo', No. 1 Cont. (6550)	EA	21	9.00	189.00	11.50	241.50	13.10	275.10	20.00	420.00		
A-33		Plant Selection - Ribes Sanguineum, No. 1 Cont. (6550)	EA	32	9.00	288.00	11.50	368.00	13.10	419.20	20.00	640.00		
A-34		Plant Selection - Symphoricarpos Albus, No. 1 Cont. (6550)	EA	27	9.00	243.00	11.50	310.50	13.10	353.70	20.00	540.00		
A-35		Plant Selection - Polystichum Munitum, No. 1 Cont. (6550)	EA	36	9.00	324.00	11.50	414.00	13.10	471.60	20.00	720.00		
A-36		Plant Selection - Iris Tenax, No. 1 Cont. (6550)	EA	5	9.00	45.00	11.50	57.50	13.10	65.50	20.00	100.00		
A-37		Plant Selection - Mahonia Aquifolium, No. 1 Cont. (6550)	EA	24	9.00	216.00	11.50	276.00	13.10	314.40	20.00	480.00		
A-38		Plant Selection - Escallonia 'Newport Dwarf' or 'Compacta', No. 1 Cont. (6550)	EA	17	9.00	153.00	11.50	195.50	13.10	222.70	20.00	340.00		
A-39		Plant Selection - Ceanothus Impressus 'Vandenbergh', No. 1 Cont. (6550)	EA	15	9.00	135.00	11.50	172.50	13.10	196.50	20.00	300.00		
A-40		Plant Selection - Urtica Egmontiana, No. 1 Cont. (6550)	EA	32	9.00	288.00	11.50	368.00	13.10	419.20	20.00	640.00		
A-41		Plant Selection - Imperata Cylindrica 'Red Baron', 4 In. Pot. (6550)	EA	59	4.00	236.00	4.25	250.75	4.85	286.15	9.00	531.00		
A-42		Plant Selection - Pseudotsuga Sitchensis 'Stricta', 4 In. Pot. (6550)	EA	20	4.00	80.00	4.25	85.00	4.85	97.00	9.00	180.00		
A-43		Plant Selection - Calamagrostis Aleutica 'Stricta', 6 Ft. to 8 Ft. Ht. (6550)	EA	7	84.00	588.00	188.00	1,316.00	214.00	1,498.00	125.00	875.00		
A-44		Plant Selection - Cornus Sericea 'Kelsey', No. 1 Cont. (6550)	EA	37	9.00	333.00	11.50	425.50	13.10	484.70	9.00	333.00		
A-45		Plant Selection - Iris Sibirica, 4 In. Pot. (6550)	EA	74	4.00	296.00	4.25	314.50	4.85	358.90	9.20	680.80		
A-46		Plant Selection - Spiraea Douglasii, No. 1 Cont. (6550)	EA	42	9.00	378.00	11.50	483.00	13.10	550.20	9.00	378.00		
A-47		Plant Selection - Rosa Nutkana, No. 1 Cont. (6550)	EA	54	9.00	486.00	11.50	621.00	13.10	707.40	9.00	486.00		
A-48		Plant Selection - Pyrus Calleryana 'Chanticleer', 1.5 In. Cal. (6550)	EA	3	120.00	360.00	188.00	564.00	214.00	642.00	75.00	225.00		
A-49		Plant Selection - Berberis Thunbergii 'Crimson Pygmy', No. 1 Cont. (6550)	EA	24	9.00	216.00	11.50	276.00	13.10	314.40	9.00	162.00		
A-50		Plant Selection - Cistus Hyndoni, No. 2 Cont. (6550)	EA	18	12.00	216.00	11.50	207.00	13.10	235.80	9.00	180.00		
A-51		Plant Selection - Fragaria Chiloensis, 4 In. Pot. (6550)	EA	504	4.00	2,016.00	4.25	2,142.00	4.85	2,444.40	9.00	4,536.00		
A-52		Plant Selection - Rhododendron Macrophyllum, No. 5 Cont. (6550)	EA	17	18.00	306.00	11.50	195.50	13.10	222.70	20.00	340.00		
A-53		Plant Selection - Junco Effusus, Plug (6550)	EA	714	2.00	1,428.00	2.60	1,856.40	3.20	2,284.80	9.00	6,426.00		
A-54		Plant Selection - Tsuga Heterophylla, 6 Ft. to 8 Ft. Ht. (6550)	EA	9	84.00	756.00	188.00	1,692.00	214.00	1,928.00	125.00	1,125.00		

CITY OF LANGLEY- MUNICIPAL PARK AND RIDE IMPROVEMENTS

Bid Tabulation

Bid Opening: 11 AM - May 31, 2011

Qc. grc ITEM NO.	ITEM	Engineer's Estimate			Krieg Construction, Inc.			C. Johnson Construction, Inc.			Trimaxx Construction, Inc.		
		UNIT	QUANTITY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
A-55	Sod Installation (6555)	SY	400	5.00	2,000.00	4.65	1,860.00	5.30	2,120.00	10.00	4,000.00		
A-56	Bark or Wood Chip Mulch (6580)	CY	460	34.00	15,640.00	38.25	17,595.00	43.80	20,148.00	50.00	23,000.00		
A-57	Cement Conc. Traffic Curb and Gutter (6700)	LF	675	17.00	11,475.00	20.00	13,500.00	22.80	15,255.00	20.00	13,500.00		
A-58	Cement Conc. Pedestrian Curb (6707)	LF	140	16.00	2,240.00	17.00	2,380.00	22.00	3,080.00	25.00	3,500.00		
A-59	Extruded Curb (6727)	LF	1,200	5.50	6,600.00	6.00	7,200.00	5.70	6,840.00	6.00	7,200.00		
A-60	Paint Line (6806)	LF	2,700	1.00	2,700.00	0.50	1,350.00	0.30	810.00	0.60	1,620.00		
A-61	Painted Access Parking Space Symbol (6862)	EA	5	42.00	210.00	50.00	250.00	175.00	875.00	75.00	375.00		
A-62	Permanent Signage (6890)	LS	1	350.00	350.00	1,000.00	1,000.00	2,280.00	2,280.00	1,500.00	1,500.00		
A-63	Illumination System (6904)	LS	1	6,200.00	6,200.00	5,500.00	5,500.00	10,300.00	10,300.00	9,000.00	9,000.00		
A-64	Project Temporary Traffic Control, Min. Bid \$500.00 (6971)	LS	1	500.00	500.00	500.00	500.00	3,410.00	3,410.00	5,000.00	5,000.00		
A-65	Structure Excavation Class B Incl. Haul (7006)	CY	420	13.00	5,460.00	9.00	3,780.00	21.60	9,156.00	30.00	12,600.00		
A-66	Shoring or Extra Excavation Class B	SF	300	0.50	150.00	0.01	3.00	15.20	4,560.00	1.00	300.00		
A-67	Roadway Surveying (7038)	LS	1	6,200.00	6,200.00	4,200.00	4,200.00	17,080.00	17,080.00	14,000.00	14,000.00		
A-68	Cement Conc. Sidewalk (7065)	SY	180	29.00	5,220.00	27.50	4,950.00	49.20	8,856.00	35.00	6,300.00		
A-69	Cement Conc. Sidewalk with Thickened Edge	SY	18	35.00	630.00	50.00	900.00	37.60	676.80	40.00	720.00		
A-70	Cement Conc. Curb Ramp Type Perp. A (7056)	EA	1	1,100.00	1,100.00	1,000.00	1,000.00	920.00	920.00	1,000.00	1,000.00		
A-71	Cement Conc. Curb Ramp Type Perp. A Wide	EA	1	2,100.00	2,100.00	2,500.00	2,500.00	2,690.00	2,690.00	1,200.00	1,200.00		
A-72	Cement Conc. Curb Ramp Type Perp. B (7058)	EA	1	1,100.00	1,100.00	1,000.00	1,000.00	900.00	900.00	1,300.00	1,300.00		
A-73	ADA-Compliant Pedestrian Ramp and Handrails	LS	1	6,500.00	6,500.00	7,000.00	7,000.00	5,870.00	5,870.00	20,000.00	20,000.00		
A-74	4-Foot Chain Link Fence	LF	225	17.00	3,825.00	23.70	5,332.50	28.50	6,412.50	30.00	6,750.00		
A-75	Rock for Rock Wall (7166)	TN	75	82.00	6,150.00	125.00	9,375.00	115.00	8,625.00	100.00	7,500.00		
A-76	Backfill for Rock Wall (7167)	TN	30	29.00	870.00	40.00	1,200.00	66.70	2,001.00	25.00	750.00		
A-77	Construction Geotextile for Separation (7530)	SY	175	2.00	350.00	4.00	700.00	2.60	455.00	5.00	875.00		
A-78	SPCC Plan (7736)	LS	1	750.00	750.00	250.00	250.00	625.00	625.00	500.00	500.00		
A-79	Wood Landscaping Walls	LS	1	7,800.00	7,800.00	10,500.00	10,500.00	15,120.00	15,120.00	6,000.00	6,000.00		
A-80	Force Account - Utility Conflicts	EST	1	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00		
A-81	Precast Conc. Wheel Stop	EA	75	25.00	1,875.00	60.00	4,500.00	24.50	1,837.50	75.00	5,625.00		
	SUBTOTAL - SCHEDULE A				\$379,718.00		\$472,705.90		\$567,651.60		\$607,193.80*		
	SCHEDULE B												
B-1	One Year Warranty Bond	LS	1	1,900.00	1,900.00	1.00	1.00	3,400.00	3,400.00	5,000.00	5,000.00		
	SUBTOTAL - SCHEDULE B				\$1,900.00		\$1.00		\$3,400.00		\$5,000.00		
	Total Cost				381,618.00		\$472,706.90		\$571,051.60		\$612,193.80*		

* Bidder made arithmetic error, corrected bid amount shown.

Certified Tabulation of Bids Received
 Gregory R. Cane, P.E.
 June 1, 2011

