THE URBAN RENEWAL AGENCY OF THE CITY OF WILSONVILLE

URA RESOLUTION NO. 290

A RESOLUTION OF THE CITY OF WILSONVILLE URBAN RENEWAL AGENCY AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT #1 TO THE PROFESSIONAL SERVICES AGREEMENT WITH OTAK, INC. FOR THE 5TH STREET / KINSMAN ROAD EXTENSION PROJECT (BOONES FERRY ROAD TO BROWN ROAD CONNECTOR CORRIDOR PLAN PHASE 1 CONSTRUCTION) – CIP #4196.

WHEREAS, the Urban Renewal Agency has planned and budgeted for the design of CIP #4196, known as the 5th Street / Kinsman Road Extension Project (Project); and

WHEREAS, the Urban Renewal Agency authorized a Professional Services Agreement (PSA) for design and construction engineering with Otak, Inc. (Otak) in the amount of \$1,399,556 on March 20, 2017; and

WHEREAS, previously City staff approved a PSA compensation amendment in the amount of \$23,185 for additional work requested of ALTA Planning + Design, a subconsultant to Otak on the Project; and

WHEREAS, Otak informed City staff of additional unanticipated design costs incurred for the Project in the amount of \$268,500; and

WHEREAS, City staff and Otak discussed and negotiated the additional costs and associated services to agree on fair and reasonable additional compensation; specifically, that City staff would seek a PSA amendment authorizing additional not to exceed compensation in the amount of \$207,100.

NOW, THEREFORE, THE URBAN RENEWAL AGENCY OF WILSONVILLE RESOLVES AS FOLLOWS:

- 1. The City Council acting as the Local Contract Review Board, authorizes the City Manager to act on behalf of the Urban Renewal Agency and execute Amendment #1 to the Professional Services Agreement with Otak, Inc. for a not to exceed stated value of \$207,100.
- 2. This resolution is effective upon adoption.

ADOPTED by the Wilsonville Urban Renewal Agency at a regular meeting thereof this 5^{th} day of November, 2018, and filed with the Wilsonville City Recorder this date.

SCOTT STARR, BOARD MEMBER

ATTEST:

Kimberly Veliz, City Recorder

SUMMARY OF VOTES:

Board Chair Knapp

Recused

Board Member Starr

Yes

Board Member Lehan

Yes

Board Member Akervall

Yes

Board Member Stevens

Yes

Attachments:

- A. Amendment #1
- B. Summary of Additional Compensation Proposed for Amendment #1

URBAN RENEWAL AGENCY OF THE CITY OF WILSONVILLE FIRST AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT

Otak, Inc. – 5th Street/Kinsman Road Extension Project (#4196)

This First Amendment to Professional Services Agreement ("First Amendment") is effective the day of November, 2018 ("Effective Date"), by and between the **Urban Renewal Agency of the City of Wilsonville**, a political subdivision of the State of Oregon ("URA"), and **Otak**, **Inc.**, an Oregon corporation ("Consultant"), upon the terms and conditions set forth below.

RECITALS

WHEREAS, on March 20, 2017, the URA adopted Resolution No. 272 approving the execution of a Professional Services Agreement ("Agreement") with Consultant relating to the 5th Street/Kinsman Road Extension Project ("Project"); and

WHEREAS, the City of Wilsonville ("City") entered into the Agreement with Consultant on April 10, 2017; and

WHEREAS, it was an inadvertent error that the City was named as one of the parties to the Agreement instead of the URA; and

WHEREAS, Consultant informed the URA of additional unexpected and unanticipated design cost overruns incurred with the Project; and

WHEREAS, the URA and Consultant mutually negotiated modification to the Scope of Services attached as Exhibit A to the Agreement, and compensation for the modifications in the amount of \$207,100; and

WHEREAS, Consultant represents that Consultant is qualified to perform the services described herein on the basis of specialized experience and technical expertise; and

WHEREAS, Consultant is prepared to provide such services as the URA does hereinafter require;

NOW, THEREFORE, in consideration of these mutual promises and the terms and conditions set forth herein, the parties agree as follows:

AGREEMENT

The Agreement is amended as follows:

Section 1. Parties to the Agreement

1.1. The first sentence of the Agreement is deleted and replaced with the following sentence:

"This Professional Services Agreement ('Agreement') is made and entered into on this 10th day of April, 2017 ('Effective Date') by and between the **Urban Renewal Agency of the City of Wilsonville**, a political subdivision of the State of Oregon ('URA'), and **Otak, Inc.**, an Oregon corporation ('Consultant')."

1.2. All references to the "City" in the Agreement are deleted and replaced with "URA."

Section 2. Rate Schedule

The first sentence of Section 3.1. of the Agreement deleted and replaced with the following sentence:

"Except as otherwise set forth in this Section 3, the URA agrees to pay Consultant on a time and materials basis, guaranteed no to exceed ONE MILLION SIX HUNDRED TWENTY NINE THOUSAND EIGHT HUNDRED FORTY ONE DOLLARS (\$1,629,841) as set forth in **Exhibit B**, attached hereto and incorporated herein, for performance of the Services ("Compensation Amount"), inclusive of all subconsultant and subcontractor work."

Exhibit B to the Agreement is hereby deleted and replaced with Exhibit B attached hereto.

Section 3. All Other Terms

All of the other terms and conditions of the Agreement remain in full force and effect, as therein written. Unless otherwise defined herein, the defined terms of the Agreement apply to this First Amendment.

The Consultant and the URA hereby agree to all provisions of this First Amendment.

CONSULTANT:	URA:
OTAK, INC.	URBAN RENEWAL AGENCY OF THE CITY OF WILSONVILLE
By:	By:
(Print Name)	(Print Name)
As Its:	As Its:
Employer I.D. No.	-
	APPROVED AS TO FORM:
	Amanda R. Guile-Hinman, Asst. City Attorney
	City of Wilsonville, Oregon

k:\dir\kinsman\roadway design\doc\amnd 1st to ura psa roadway design~otak (ag rv2)..docx

EXHIBIT B

City of Wilsonville - 5th Street / Kinsman Road Extension Project Fee Estimateof Base Contract and Change Order #1 and #2, July 2018 Summary of Otak, Inc. and all subconsultants Otak Project # 18250

Otan 1	-rojeci # 18250		BASE (CONTRACT			CO#	1								CO #2				
			DASE	ACTUAL	REMAINING		00#	Total						Total Adjust	Total	%	%			
Task	Description	Total Hours	Total Budget by Task		FROM ORIGINAL	Alta	Total Hours	Budget by Task	Otak	Alta	S&W	DKS	Total Hours	ed Hours	Budget by Task	Responsible by OTAK	Responsible	TOTAL CO#2 COST	Comments	CITY COMMENTS
1 don	Description							- 0000	3 1011		220.1				2 0000		35 5 5 5 5		3333333	3333 333333333
	Project Management			\$67,074																
	Project Management	372	\$59,254	\$26,979																
1.2	Design Team Coordination	244	\$36,996	\$36,777	\$219														Alta hours for cooridnation were included	
84	Coordination Meetings (CO #2)									32			32	32.0	\$4,900		100%	\$4,900	in the original tasks. Out of scope work added coordination and meeting hours.	ОК
1.3	Monthly Invoice	132	\$14,140	\$3,318	\$10,822															
	Survey and Mapping Project Initial Research and Planning	54	\$7,156	\$202,008 \$5,496																
2.1	Project Initial Research and Flanning	94	\$1,156	\$0,496	\$1,000															contract negotiations (email dated 2.14.2017)
2.1.A	Expanded Survey Research (CO #2)								76				76	38.0	\$11,400	50%	50%	\$5,700		the City does not feel this extra charge is supported. We feel it is generous to offer picking up 50%.
2.2	Right-of-way/Easement Surveying and Legal Description	296	\$32,720	\$87,734	-\$55,014															
2.2.A	Expanded Survey Legal Descriptions (CO #2)								253				253	126.5	\$37,900	50%	50%		Otak could have communicated the specific needs sooner to discuss if there was a simpler option. Very ccomplicated site with multiple needs on each parcel.	As ageed upon in 8/29/18 meeting
2.3	Site/topographic/design Surveying	876	\$75,320	\$84,966	-\$9,646															
2.3.A	Expanded Survey Limits (CO #2)								28				28	28.0	\$4,200		100%		Includes the areas for Arrowhead Creek Lane that were not part of original scope.	As ageed upon in 8/29/18 meeting
																			Changes occurred after initial survey data	
2.3.C	Re-Survey Railway due to Changes (CO #2)								12				12	12.0	\$1,700		100%	\$1,700	collection	OK
2.4	Pre-Construction Surveying	156	\$19,320	\$23,812	-\$4,492															
-	m			40.550	04.070															
3.1	Tree Evaluation Perform Field Assessment	24	\$3,600	\$2,550 \$2,550																
3.2	Prepare Tree Assessment Report	12	\$1,800	Ψ2,000	\$1,800															
3.3	Prepare Tree Removal Permit	8	\$1,200		\$1,200															
	Ü	- 10	42.222	\$69,759		_														
4.1	Site Recon & Work Plan Field Explorations	18 93	\$2,280 \$10,130	\$5,177 \$10,395												-				
4.2	ried Explorations	30	\$10,150	ψ10,000	-φ200															
404	D : D D 1/00/40										0.1		0.1	0.1	\$3,200	000/	100/		This work was in the original scope. Neither Otak or City identified that the work was missing from the Geotech Exploration Plan before it was approved.	ОК
4.2.A 4.3	Borings on Boones Ferry Road (CO #2) Lab Testing	8	\$1,000		\$1,000						31		31	3.1	\$3,200	90%	10%	\$320	Exploration Fian before it was approved.	OK
4.4	Geotechnical Engineering Evaluations and Design	177	\$20,990	\$21,369		_										-				
4.5	Pavement Design	42	\$5,540	\$5,337																
4.6	Geotechnical Report	78	\$9,830	\$20,469																
		74	\$7,860	\$7,012		_														
4.8	Review of Geotechnical Related Plans and Specifications	30	\$4,340		\$4,340															
5	Preliminary Design - 30% Plans			\$126,404	-\$41,502															
	Roadway Alignment & Profiles (5th/Kinsman)	268	\$26,702	\$40,323																
5.2	Typical Sections	118	\$12,076	\$11,511	\$565															
5.3	Bridge TS&L	276	\$31,256	\$31,433	-\$177															
																			City requested Otak design alternatives for	
	Separate Pedestrian Str. Supporting Tonquin Trail (CO		AF 00 2	\$00 FO 1	#01.000				66				66	66.0	\$8,250		100%	\$8,250	separate pedestrian structure.	OK
5.4 5.5	Roadway Plan Lines (Boones Ferry Rd.) Tonquin Trail Alignment Alternatives	38 70	\$5,092 \$9,776	\$36,784 \$6,353						-				1						
5.5	ronquin tran ringilment raterilatives	,,,	φ3,110	φυ,υυυ	φυ,4Δυ															
6	Preliminary Design - 50% Plans			\$305,186	-\$86,206															
6.1	Stormwater Analysis, Design and Report	280	\$25,914	\$28,592																
	Hydraulic Analysis and Scour Design	168	\$23,584	\$29,794																
	Roadway Design Utility Design & Coordination	274 108	\$25,984 \$11,892	\$75,453 \$49,911												-				
	Additional Utility Design and Coordination	100	¥11,002	Ψ10,011	φοσ,σ10				320				320	160.0	\$38,000	50%	50%		Scope and level of effort to coordinate with private utilities and provide design much greater than identified in original contract. Otak was responsible for some re-work of sewer alignment.	City sees ineffiencies here. We do not see 11 weeks of full time work, and almost 400% of budget as being reseanable. We feel it is generous to offer picking up 50%.
	Design Assumptions Report	36	\$5,172		\$5,172															
6.5	Illumination/Signing/Striping/Traffic Control Design	78	\$9,286	\$8,587	\$699															
	Truck Counts on Industrial Way (CO #2)		*/	*								14	14	14.0	\$1,500		100%	\$1,500	City requested from DKS for pavement desi	€OK
6.6	Tonquin Trail Design	30	\$4,148	\$4,588									1	1		-			<u> </u>	
	Boones Ferry Road Design	48	\$5,694	\$17,797	-\$12,103				I	I			<u> </u>	j l					<u> </u>	10/24/2018 2:04 PM

City of Wilsonville - 5th Street / Kinsman Road Extension Project Fee Estimateof Base Contract and Change Order #1 and #2, July 2018 Summary of Otak, Inc. and all subconsultants Otak Project # 18250

	70ject # 10290		BASE (CONTRACT			CO#	1								CO #2				
Task	Description	Total Hours	Total Budget by Task	ACTUAL SPENT TO DATE	REMAINING FROM ORIGINAL	Alta	Total Hours	Total Budget by Task	Otak	Alta	S&W	DKS	Total Hours	Total Adjust ed Hours	Total Budget by Task	%	% Responsible by City	TOTAL CO#2 COST	Comments	CITY COMMENTS
6.7.A	Boones Ferry Concept Altermate Development (CO #1)	110418	Oy 1 ask	DATE	ORIGINAL	117	117	\$14,125	Otak	Tita	D&W	DIXD	110413	110413	1 don	by Olink	by City	00#2 0051	Comments	OHI COMMENTS
6.7.B	Redesign Bailey St Intersection (CO #1)					62	62	\$7,100												
6.8	Structures Design	218	\$24,108	\$28,237	-\$4,129															
		,																	Shorter bridge design provided	
6.8.A	Value Engineer for Revised Permitting Approach (CO #2	2)							253				253	253.0	\$31,800		100%	\$31,800	construction cost savings.	OK
	50% Plans and Estimate	724	\$72,878	\$58,009	\$14,869															
6.10	Right-of-way Exhibits	112	\$10,320	\$4,218	\$6,102															
7	Permitting & Agency Coordination			\$63,863	-\$2,534															
7.1	Wetland Delineation & Assessment	80	\$7,928	\$7,751	\$177															
7.2	Natural Resource Permitting	32	\$4,320	\$18,497																
																			Change in permitting needs late in design (after Otak had provided supporting permit	
																			information to PHS), resulted in additional effort to provide new and greater	
7 2 A	Change to Permitting Approach (CO #2)								75				75	75.0	\$9,600		100%			OK
	Prepare Draft JPA	146	\$14,578	\$15,266	-\$688				.0				.0	10.0	ψο,σσσ		10070	ψ0,000	•	
	Final Permitting and Mitigation	46	\$4,366		\$4,366															
7.3	Endangered Species Consultation (Biological Assessmen	74	\$7,802	\$6,406	\$1,396															
7.4	Archaeological and Historic Resources	286	\$22,335	\$15,943	\$6,392															
8	Final Design and Bid Documents			\$276,285	-\$133,727															
	90% Design Plans, Special Provisions & Estimate	1382	\$142,558	\$276,285																
			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 11, 11	, , , , ,														Otak could have provided clearer communication, sooner, on the need for this	
0.1.1	D 1 01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																		additional scope and the magnitude of the	OV
8.1.A	Design Changes to Avoid Waterline (CO #2)								65				65	58.5	\$7,500	10%	90%	\$6,750		OK
																			Otak could have provided clearer communication, sooner, on the need for this additional scope and the magnitude of the	
8.1.B	Design Changes to Avoid White Oak (CO #2)								28				28	25.2	\$3,200	10%	90%	\$2,880		OK
																			communication, sooner, on the need for this	
8 1 C	Boardwalk Design to Avoid White Oak (CO #2)								112				112	100.8	\$14,000	10%	90%	\$12,600	additional scope and the magnitude of the	OK
6.1.0	Boardwark Design to Avoid White Oak (CO #2)								112				112	100.6	\$14,000	10%	9070	\$12,000	Otak could have provided clearer	
																			communication, sooner, on the need for this	
																			additional scope and the magnitude of the	
8.1.D	Culvert Design Changes due to Permitting (CO#2)								45				45	40.5	\$5,200	10%	90%	\$4,680		OK
																				City feels that much of the redesign would
9 1 F	Boones Ferry Road Stormwater (CO #2)								75				75	37.5	\$8,600	50%	50%	\$4,300		have been prevented with better communication between OTAK and the City
0.1.12	Boones Perry Road Stormwater (CO #2)								10				10	37.3	φο,σσσ	3070	3070	φ4,300	Otak/Alta could have provided clearer	communication between o trut and the city
																			communication, sooner, on the need for this	
																			additional scope and the magnitude of the	
8.1.F	Boones Ferry Roadwy Design (CO #2)									165			165	148.5	\$23,800	10%	90%	\$21,420	effort.	OK
																			Otak could have provided clearer	
																			communication, sooner, on the need for this	
0.4.0	411 171 - 61 - 7 (60 40)								0.00					2212				****	additional scope and the magnitude of the	OK
8.1.G	Added Plan Sheets (CO #2)								360				360	324.0	\$42,750	10%	90%			OK
																			Otak could have provided clearer communication, sooner, on the need for this additional scope and the magnitude of the	
8.1.H	Active Transportation Design of 5th & Kinsman (Alta)									64			64	57.6	\$9,250	10%	90%			OK
	Construction Engineering	158	¢04 104		\$278,747															
9.1	Construction Meetings Construction Survey	158 812	\$24,184 \$69,036		\$24,184 \$69,036		1				+									
9.3	Project Construction	750	\$90,948		\$90,948		i i				1									
9.4	Post-Construction	335	\$34,485		\$34,485															
9.5	As-built Survey and Drawings	608	\$60,094		\$60,094															
10	Dight of way Acquisition			\$90.000	890 404															
	Right-of-way Acquisition Rights of Entry	59	\$4,449	\$20,032 \$4,215																
	Programming Estimate	78	\$8,500	\$4,776			1				 									
10.3	Preliminary Title Reports	7	\$759	\$1,131	-\$372															
10.4	General Information Notices	31	\$2,544	\$4,216																
10.5	Appraisal	18	\$2,193	\$539							1									
10.6	Acquisition Condemnation	417 11	\$33,840 \$1,179	\$2,027	\$31,813 \$1,179		 				-			 						
10.7	Closing	52	\$3,354		\$3,354		 				+									
10.9	Record Keeping	22	\$1,709	\$3,128							1									
	CO2 · Ad Serve 5th St Kinsman Fee w Subs_ sra final	·						•						- '	-			•		10/24/2018, 2:04 PM

Fee Estimateof Base Contract and Change Order #1 and #2, July 2018

Summary of Otak, Inc. and all subconsultants Otak Project # 18250

_			BASE	CONTRACT			CO #	1	CO #2											
Task		Total Hours	Total Budget by Task	ACTUAL SPENT TO DATE	REMAINING FROM ORIGINAL		Total Hours	Total Budget by Task	Otak	Alta	S&W	DKS	Total Hours	Total Adjust ed Hours	Total Budget by Task	% Responsible by OTAK		TOTAL CO#2 COST	Comments	CITY COMMENTS
11	Public Involvement			\$40,840	-\$4,249															
	Meeting displays and materials	60	\$6,746	\$13,905																
11.1.A	3D Rendering (CO #2)								24				24	24.0	\$1,750		100%		City requested 3D renderings of 5th and Kinsman for Open House.	OK
11.2	Meeting Summaries	20	\$1,897	\$1,625	\$272															
11.3	Website Content	36	\$3,618	\$901	\$2,717															
	Mailings and Meeting Notification	4	\$515																	
	Public Involvement Meetings	151	\$23,815	\$24,198	-\$383															
11.5.A	Add'l Boones Ferry Open House (CO #1)					12	12	\$1,960												
	Total Hours					191	191		1792	261	31	14	2098	1624.2						
	Total Labor Cost	4	\$1,268,508	\$1,174,001	\$17,059]	\$23,185	\$225,850	\$37,950	\$3,200	\$1,500			\$268,500					
	Direct Expenses		\$112,890				4													
	Subconsultant Administration		\$18,158				1													
	Project Total		\$1,399,556					\$23,185	\$225,850	\$37,950	\$3,200	\$1,500			\$268,500		City cost	\$207,100		

PROJECT TOTAL w/ APPROVED CHANGE ORDERS PROJECT TOTAL w/ PENDING CHANGE ORDERS

\$1,422,741 \$1,629,841

\$61,400 Otak cost \$34,575 Amount City deducted from March 2018 (FY17/18) invoice \$26,825 Otak, additional cost

City of Wilsonville - 5th Street / Kinsman Road Extension Project Fee Estimate Otak, Inc.

Otak, I Otak F	Project # 18250	KT	ROAD		Nick	Sadio		IWATER R2		STRUCTURA GM	L NB		Architecture MD		Jorry	Survey						
		KT	Allen	Andy	Nick	Same	Asniey	R2	DS	GM	NB	DH	MD	Jon	Jerry				Project			
Task	Description	PIC	SR PM	Proj Eng.	Civil Eng	Civil Tech	Sr Civil PM	Eng Des 2	SR PM	CE IV	CE II	LA V	LT II	PLS PIC	PLS PM	Sr. Surv. Tech	Sr. Field PC	Sr. Field Tech	Admin Asst	Total Hours	Total Budget by Task	
1	Project Management	20	300																	320	\$51,600	\$86,826.
1.2	Project Management Design Team Coordination	20	160						16											176	\$28,416	
1.3	Monthly Invoice		30																30	60	\$6,810	
2.1	Survey and Mapping Project Initial Research and Planning													4	40	6	4			54	\$7,156	\$134,516.
	Right-of-way/Easement Surveying and Legal Descriptions Site/topographic/design Surveying													16 16	120 40	40 180	60 320	60 320		296 876	\$32,720 \$75,320	
	Pre-Construction Surveying													16	80	60				156	\$19,320	
3 3.1	Tree Evaluation Perform Field Assessment																					
3.2	Prepare Tree Assessment Report Prepare Tree Removal Permit																					
4	Geotechnical Investigation																					
4.1	Site Recon & Work Plan																					
4.2	Field Explorations Lab Testing																					
4.4	Geotechnical Engineering Evaluations and Design Pavement Design																					
4.6	Geotechnical Report Conduct Level 1 Hazmat																					
4.8	Review of Geotechnical Related Plans and Specifications																					
5 5.1	Preliminary Design - 30% Plans Roadway Alignment & Profiles (5th/Kinsman)		8	80	120	20														228	\$22,312	\$62,6
5.2 5.3			8	20	60	8			16	120	140									96 276	\$9,064 \$31,256	
5.4 5.5	Roadway Plan Lines (Boones Ferry Rd.) Tonquin Trail Alignment Alternatives								10	120	110									2.0	\$01, <u>20</u> 0	
																						2100.0
6.1	Preliminary Design - 50% Plans Stormwater Analysis, Design and Report	2					80	190											8	280	\$25,914	\$133,6
6.1.1	Hydraulic Analysis and Scour Design Roadway Design	40	8	60	180		120												8	168 248	\$23,584 \$22,392	
6.3 6.4	Utility Design & Coordination Design Assumptions Report		8	60 16	40		8		8											108 36	\$11,892 \$5,172	
6.5	Illumination/Signing/Striping/Traffic Control Design Tonquin Trail Design		4																	4	\$636 \$636	
6.7	Boones Ferry Road Design Structures Design		4						8	90	120									4 218	\$636 \$24,108	
6.9		2	8	40 24	120 80	80	30	80	4	56	78	30	80							608 112	\$57,894 \$10,320	
7	Permitting & Agency Coordination																					
7.1 7.2	Wetland Delineation & Assessment Natural Resource Permitting		8				24													32	\$4,320	
7.2.1	Prepare Draft JPA Final Permitting and Mitigation																					
7.3 7.4	Endangered Species Consultation (Biological Assessment)																					
																						84.00 400
8.1	Final Design and Bid Documents 90% Design Plans, Special Provisions & Estimate	2	16	80	200	40	44	160	16	140	200	40	120							1058	\$102,938	\$163,436.
#REF!		2	16	80	120	40	30	120	16	36	48	30	80							618	\$60,498	
9.1	Construction Engineering Construction Meetings		120						6	16	8									150	\$22,964	\$275,422.0
9.2 9.3	Construction Survey Project Construction		240	160	200				6	88	56			20	12	180	300	300		812 750	\$69,036 \$90,948	
9.4 9.5	Post-Construction As-built Survey and Drawings		40 40	40	160	60			6	82	32			15 3	40 6	80 40	80 60	80 60		335 589	\$34,485 \$57,989	
10																					, , , , , ,	
10.1	Rights of Entry Programming Estimate																					
10.3	Preliminary Title Reports General Information Notices																					
10.5	Appraisal																					
10.6	Acquisition Condemnation																					
10.8 10.9	Closing Record Keeping																					
11	Public Involvement																					
11.1 11.2	Meeting displays and materials Meeting Summaries		8	20																28	\$3,812	
11.3 11.4																						
	Public Involvement Meetings		36																	36	\$5,724	
	Total Hour. Billing Rat		1078 \$159.00	680 \$127.0	1280 0 \$75.00	248 \$94.00	336 \$127.00	550 \$78.00	102 \$186.00	628 \$126.00	682 \$94.00	100 \$115.00	280 \$75.00	90 \$195.00	338 \$138.00	586 \$86.00	824 \$85.00	820 \$75.00	46 \$68.00	8736		873
	Total Labor Cos Direct Expense	t \$13,260							\$18,972	\$79,128	\$64,108	\$11,500	\$21,000		\$46,644	\$50,396				1	\$919,872 \$6,000	\$919,872.0
	Subconsultant Administration	ı																		1	\$18,158	
	Project Total	ш					1	1	1	1	1	1	1	1				1			\$944,030	l

Direct Expenses:

Travel for meeting (40 meetings)	1000
Survey travel (Mileage, P&W Permit and flagging, Locates)	3000
Research Records (Copies and fees)	250
RW Easements (Mileage and copies)	250
Post Construction (Mileage and recording fees)	1500
	conc

Contract\CO2 - Ad Serve 5th St Kinsman Fee w Subs_ sra final
Exhibit B - Page 3 of 21 10/24/2018, 2:04 PM

Alta Otak Project # 18250

Task	Description	Principal	Sr. Associate	Project Engineer	Design Associate	Sr. Drafter	Project Assistant	Total Hours	Total Budget by Task
140%	Beceripmon	•		J					
1.1	Project Management Project Management	8	24					32	\$5,080
1.2	Design Team Coordination	0	24					32	\$5,080
1.3	Monthly Invoice		12				12	24	\$2,604
	Commence of Management	-							-
2.1	Survey and Mapping Project Initial Research and Planning	1	1						
2.2	Right-of-way/Easement Surveying and Legal Descriptions								
2.3	Site/topographic/design Surveying								
2.4	Pre-Construction Surveying		+						
3	Tree Evaluation		1						1
3.1	Perform Field Assessment								
3.2	Prepare Tree Assessment Report Prepare Tree Removal Permit	-							-
0.0	Trepare Tree ivenioval Fermit								1
4	Geotechnical Investigation								
4.1	Site Recon & Work Plan	1							
4.2	Field Explorations Lab Testing	+		1		+	 	1	1
4.4	Geotechnical Engineering Evaluations and Design								
4.5	Pavement Design								
4.6	Geotechnical Report	+							-
4.7	Conduct Level 1 Hazmat Review of Geotechnical Related Plans and Specifications	+							1
5	Preliminary Design - 30% Plans								
5.1 5.2	Roadway Alignment & Profiles (5th/Kinsman) Typical Sections	2	4	12	4			22	\$3,012
5.3	Bridge TS&L		4	12	4			22	ф3,012
5.4	Roadway Plan Lines (Boones Ferry Rd.)	2	8	24	4			38	\$5,092
5.5	Tonquin Trail Alignment Alternatives	6	24	28	12			70	\$9,776
6	Preliminary Design - 50% Plans	1						1	-
6.1	Stormwater Analysis, Design and Report	+							
6.1.1	Hydraulic Analysis and Scour Design								1
6.2	Roadway Design	2	8	12	4			26	\$3,592
6.3	Utility Design & Coordination Design Assumptions Report	+	-						4
6.5	Illumination/Signing/Striping/Traffic Control Design								1
6.6	Tonquin Trail Design	2	4	16	4			26	\$3,512
6.7	Boones Ferry Road Design	2	4	8	6	24		44	\$5,058
6.8	Structures Design 50% Plans and Estimate	8	18	64	8	18		116	\$14,984
6.10	Right-of-way Exhibits		10	01		10		110	ψ14,004
7.1	Permitting & Agency Coordination Wetland Delineation & Assessment								
7.1	Natural Resource Permitting	+							1
7.2.1	Prepare Draft JPA								
7.2.2	Final Permitting and Mitigation	1							
7.3	Endangered Species Consultation (Biological Assessment) Archaeological and Historic Resources	1	1						
	in chacological and mistoric resources								
8	Final Design and Bid Documents								
8.1 #REF!	90% Design Plans, Special Provisions & Estimate	16	32 18	108		34 8		190 62	\$24,570
#REF!	#10121 ;	4	18	32		8	 	62	\$8,170
9	Construction Engineering								
9.1	Construction Meetings								
9.2	Construction Survey Project Construction					1	-		
9.4	Post-Construction	1				†	†	1	†
9.5	As-built Survey and Drawings								
7.0	D: 1								
10 10.1	Right-of-way Acquisition Rights of Entry	1		1		1	—	1	1
10.1	Programming Estimate	+	1			+			1
10.3	Preliminary Title Reports								
10.4	General Information Notices					1			
10.5	Appraisal Acquisition					1	-		}
10.6	Condemnation	1				1		1	1
10.7	Condemnation		1	1	1	1	1	<u> </u>	

\contract\CO2 - Ad Serve 5th St Kinsman Fee w Subs_ sra final Exhibit B - Page 4 of 21

10/24/2018, 2:04 PM

Alta Otak Project # 18250

Task	Description	Principal	Sr. Associate	Project Engineer	Design Associate	Sr. Drafter	Project Assistant	Total Hours	Total Budget by Task
10.8	Closing								
10.9	Record Keeping								
11	Public Involvement								
11.1	Meeting displays and materials								
11.2	Meeting Summaries								
11.3	Website Content								
11.4	Mailings and Meeting Notification								
11.5	Public Involvement Meetings	32	36					68	\$11,620
	Total Hours	84	192	304	42	84	12	718	
	Billing Rate		\$145.00	\$125.00	\$133.00	\$95.00	\$72.00		
	Total Labor Cost	, .,	\$27,840	\$38,000	\$5,586	\$7,980	\$864		\$97,070
	Direct Expenses								\$1,400
	Project Total								\$98,470

\contract\CO2 - Ad Serve 5th St Kinsman Fee w Subs_ sra final Exhibit B - Page 5 of 21 10/24/2018, 2:04 PM

City of Wilsonville - 5th Street / Kinsman Road Extension Project Fee Estimate Shannon & Wilson Otak Project # 18250

		T	Ī	1				I				
Task	Description	VP	Associate	Sr. Prof III	Sr. Prof. I	Prof. III	Sr. Tech Srvcs.	Prof. II	Office Srvcs V	Office SrvcsII	Total Hours	Total Budget by Task
	Project Management											
	Project Management Design Team Coordination											
	Monthly Invoice											
	Survey and Mapping											
	Project Initial Research and Planning Right-of-way/Easement Surveying and Legal Descriptions											
	Site/topographic/design Surveying											
2.4	Pre-Construction Surveying											
9	Tree Evaluation											
	Perform Field Assessment											
3.2	Prepare Tree Assessment Report											
3.3	Prepare Tree Removal Permit											
4	Geotechnical Investigation											
	Site Recon & Work Plan	2			12		2			2	18	\$2,280
4.2	Field Explorations	1		4	4	84					93	\$10,130
	Lab Testing				8						8	\$1,000
	Geotechnical Engineering Evaluations and Design Pavement Design	9	6	2	68 34	80	20				177 42	\$20,990 \$5,540
4.6	Geotechnical Report	8	2		44		16			8	78	\$9,830
4.7	Conduct Level 1 Hazmat	2		14				48	4	6	74	\$7,860
4.8	Review of Geotechnical Related Plans and Specifications	6	2		22	-					30	\$4,340
5	Preliminary Design - 30% Plans											
	Roadway Alignment & Profiles (5th/Kinsman)											
5.2	Typical Sections											
	Bridge TS&L											
	Roadway Plan Lines (Boones Ferry Rd.)											
5.5	Tonquin Trail Alignment Alternatives											
6	Preliminary Design - 50% Plans											
	Stormwater Analysis, Design and Report											
	Hydraulic Analysis and Scour Design											_
	Roadway Design Utility Design & Coordination											
	Design Assumptions Report											t
6.5	Illumination/Signing/Striping/Traffic Control Design											
	Tonquin Trail Design											
6.7	Boones Ferry Road Design Structures Design											
6.9	50% Plans and Estimate											t
6.10	Right-of-way Exhibits											
	Description 8 American Constitution											
7.1	Permitting & Agency Coordination Wetland Delineation & Assessment			-							-	
	Natural Resource Permitting											
	Prepare Draft JPA											
7.2.2	Final Permitting and Mitigation Endangered Species Consultation (Biological Assessment)	1									 	
7.3	Archaeological and Historic Resources							1			 	
	Final Design and Bid Documents											
	90% Design Plans, Special Provisions & Estimate #REF!	1	-	1							 	
with:	17 AVALA •		 	-							 	<u> </u>
9	Construction Engineering											
9.1	Construction Meetings	ļ	1								ļ	<u> </u>
9.2	Construction Survey Project Construction		1	-							 	
9.4	Post-Construction										<u> </u>	<u> </u>
9.5	As-built Survey and Drawings											
	Right-of-way Acquisition Rights of Entry	1									 	
	Programming Estimate	1	1								 	
	Preliminary Title Reports										t	<u> </u>
10.4	General Information Notices											
			1	1		l	i	1	1	1	1	1
10.5 10.6	Appraisal Acquisition	1										-

Fee Estimate Shannon & Wilson Otak Project # 18250

Task	Description	VP	Associate	Sr. Prof III	Sr. Prof. I	Prof. III	Sr. Tech Srvcs.	Prof. II	Office Srvcs V	Office SrvcsII	Total Hours	Total Budget by Task
10.8	Closing											
10.9	Record Keeping											
11	Public Involvement											
11.1	Meeting displays and materials											
11.2	Meeting Summaries											
11.3	Website Content											
11.4	Mailings and Meeting Notification											
11.5	Public Involvement Meetings											
	Total Hours	28	10	20	192	164	38	48	4	16	520	
	Billing Rate	\$210.00	\$165.00	\$150.00	\$125.00	\$105.00	\$110.00	\$95.00	\$90.00	\$70.00		
	Total Labor Cost	, . ,	\$1,650	\$3,000	\$24,000	\$17,220	\$4,180	\$4,560	\$360	\$1,120		\$61,970
	Direct Expenses							•		•		\$27,750
	Project Total							•		-		\$89,720

\contract\CO2 - Ad Serve 5th St Kinsman Fee w Subs_ sra final Exhibit B - Page 7 of 21 10/24/2018, 2:04 PM

City of Wilsonville - 5th Street / Kinsman Road Extension Project Fee Estimate JLA Otak Project # 18250

Position / Role

				Position / Ro	ole	
Task	Description	PI5	PI2	Admin 3	Total Hours	Total Budget by Task
1	Project Management					+
1.1	Project Management	12			12	\$1,544
1.2	Design Team Coordination					
1.3	Monthly Invoice	12		24	36	\$3,346
	Q 135					
2	Survey and Mapping					
2.1	Project Initial Research and Planning Right-of-way/Easement Surveying and Legal Descriptions					-
2.3	Site/topographic/design Surveying					1
2.4	Pre-Construction Surveying					
	m 7 1 1					
3.1	Tree Evaluation Perform Field Assessment			-		-
3.2	Prepare Tree Assessment Report					1
3.3	Prepare Tree Removal Permit					
—	Control de la Lacontination					
4.1	Geotechnical Investigation Site Recon & Work Plan					
4.2	Field Explorations					
4.3	Lab Testing					
4.4	Geotechnical Engineering Evaluations and Design Pavement Design					
4.6	Geotechnical Report					
4.7	Conduct Level 1 Hazmat					
4.8	Review of Geotechnical Related Plans and Specifications					
5	Preliminary Design - 30% Plans					
5.1	Roadway Alignment & Profiles (5th/Kinsman)					+
5.2	Typical Sections					
5.3	Bridge TS&L					
5.4	Roadway Plan Lines (Boones Ferry Rd.) Tonquin Trail Alignment Alternatives					-
0.0	Tonquin Tran Iniginient Internatives					
6	Preliminary Design - 50% Plans					
6.1	Stormwater Analysis, Design and Report					
6.1.1	Hydraulic Analysis and Scour Design Roadway Design					1
6.3	Utility Design & Coordination					
6.4	Design Assumptions Report					
6.5	Illumination/Signing/Striping/Traffic Control Design					
6.6	Tonquin Trail Design					
6.7	Boones Ferry Road Design Structures Design					
6.9	50% Plans and Estimate					
6.10	Right-of-way Exhibits					1
7	Permitting & Agency Coordination					
7.1	Wetland Delineation & Assessment					
7.2.1	Natural Resource Permitting Prepare Draft JPA					-
7.2.2	Final Permitting and Mitigation					+
7.3	Endangered Species Consultation (Biological Assessment)					1
7.4	Archaeological and Historic Resources					
8	Final Design and Bid Documents					
8.1 #PEF!	90% Design Plans, Special Provisions & Estimate	-	-	ļ		
#REF!	#REF:	 	 			+
9	Construction Engineering	 				
9.1	Construction Meetings	t	t			1
9.2	Construction Survey					
9.3	Project Construction					
9.4	Post-Construction					\Box
9.5	As-built Survey and Drawings	1	 			
10	Right-of-way Acquisition		 			+
10.1	Rights of Entry	t	t			1
10.2	Programming Estimate					
10.3	Preliminary Title Reports					
10.4	General Information Notices					
10.5	Appraisal		1			ļI
10.6	Acquisition	l .	 			
10.7	Condemnation Closing		-	<u> </u>		
10.8	Record Keeping					
						† 1
11	Public Involvement					

Fee Estimate JLA Otak Project # 18250

Position / Role

Task	Description	PI5	PI2	Admin 3	Total Hours	Total Budget by Task
11.1	Meeting displays and materials	4	28		32	\$2,934
11.2	Meeting Summaries	4	16		20	\$1,897
11.3	Website Content	12	24		36	\$3,618
11.4	Mailings and Meeting Notification	4			4	\$515
11.5	Public Involvement Meetings	32			32	\$4,116
	Total Hours	80	68	24	172	
	Billing Rate	\$128.64	\$86.42	\$75.11		
	Total Labor Cost	\$10,291	\$5,877	\$1,803		\$17,970
	Direct Expenses					\$850

 $\label{eq:contract_CO2-AdServe 5th St Kinsman Fee w Subs_sra final} Exhibit \ B - Page \ 9 \ of \ 21$ 10/24/2018, 2:04 PM

City of Wilsonville - 5th Street / Kinsman Road Extension Project Fee Estimate AINW Otak Project # 18250

Task	Description	Project Manager	Arch. Historian	Supervisor Arch.	Graphic Artist	Staff Arch.	Proj. Admin. Asst.	Total Hours	Total Budget by Task
1.1	Project Management Project Management								
1.2	Design Team Coordination								
1.3	Monthly Invoice								
	2								
2.1	Survey and Mapping Project Initial Research and Planning								
2.2	Right-of-way/Easement Surveying and Legal Descriptions								
2.3	Site/topographic/design Surveying								
2.4	Pre-Construction Surveying								
3	Tree Evaluation								
3.1	Perform Field Assessment								
3.2	Prepare Tree Assessment Report						ı		
3.3	Prepare Tree Removal Permit								
4	Geotechnical Investigation								
4.1	Site Recon & Work Plan								
4.2	Field Explorations Lab Testing			-		-			
4.4	Geotechnical Engineering Evaluations and Design								
4.5	Pavement Design								
4.6	Geotechnical Report								
4.7	Conduct Level 1 Hazmat Review of Geotechnical Related Plans and Specifications			-		-			
4.0	200720 of Goodenmon Related I lans and Specifications		<u> </u>				1		
5	Preliminary Design - 30% Plans								
5.1	Roadway Alignment & Profiles (5th/Kinsman)								
5.2 5.3	Typical Sections Bridge TS&L								
5.4	Roadway Plan Lines (Boones Ferry Rd.)								
5.5	Tonquin Trail Alignment Alternatives								
	D. H. J. D. J. Took Di								
6.1	Preliminary Design - 50% Plans Stormwater Analysis, Design and Report								
6.1.1	Hydraulic Analysis and Scour Design								
6.2	Roadway Design								
6.3	Utility Design & Coordination								
6.4	Design Assumptions Report Illumination/Signing/Striping/Traffic Control Design								
6.6	Tonquin Trail Design								
6.7	Boones Ferry Road Design								
6.8	Structures Design 50% Plans and Estimate								
6.10	Right-of-way Exhibits								
7	Permitting & Agency Coordination								
7.1 7.2	Wetland Delineation & Assessment Natural Resource Permitting		-	-		-			
7.2.1	Prepare Draft JPA								
7.2.2	Final Permitting and Mitigation								
7.3	Endangered Species Consultation (Biological Assessment)	9.0	0.4	100		00	0	900	#00 00#
7.4	Archaeological and Historic Resources	36	34	102	8	98	8	286	\$22,335
8	Final Design and Bid Documents								
8.1	90% Design Plans, Special Provisions & Estimate								
#REF!	#REF!			-		-			
9	Construction Engineering			-		-			
9.1	Construction Meetings								
9.2	Construction Survey								
9.3 9.4	Project Construction Post-Construction		1	1		1			
9.4	As-built Survey and Drawings								
10	Right-of-way Acquisition								
10.1 10.2	Rights of Entry Programming Estimate								
10.2	Preliminary Title Reports		<u> </u>						
10.4	General Information Notices								
10.5	Appraisal		<u> </u>						
10.6	Acquisition Condemnation		-	-		-			
10.7	Concennation		I	1		L	I	j	ı l

 $\label{eq:contract_CO2-Ad Serve 5th St Kinsman Fee w Subs_sra final} Exhibit B - Page 10 of 21$

10/24/2018, 2:04 PM

City of Wilsonville - 5th Street / Kinsman Road Extension Project Fee Estimate AINW Otak Project # 18250

Task	Description	Project Manager	Arch. Historian	Supervisor Arch.	Graphic Artist	Staff Arch.	Proj. Admin. Asst.	Total Hours	Total Budget by Task
10.8	Closing								
10.9	Record Keeping								
11	Public Involvement								
11.1	Meeting displays and materials								
11.2	Meeting Summaries								
11.3	Website Content								
11.4	Mailings and Meeting Notification								
11.5	Public Involvement Meetings								
	Total Hours	36	34	102	8	98	8	286	
	Billing Rate	\$118.65	\$80.92	\$78.72	\$82.47	\$61.35	\$76.41		
	Total Labor Cost	\$4,271	\$2,751	\$8,029	\$660	\$6,012	\$611		\$22,335
	Direct Expenses			\$900					\$900
	Project Total								\$23,235

 $\label{eq:contract_CO2-AdServe 5th St Kinsman Fee w Subs_sra final} Exhibit B - Page 11 of 21$ 10/24/2018, 2:04 PM

Epic Otak Project # 18250

		1	ı							r	
								Budget &			
		Advisory	Project		Sr ROW	Right of	Administrativ	Financial	Contract	Total	Total Budget by
Task	Description	Manager	Manager	Appraiser	Agent	Way Agent	e Support	Controls	Support	Hours	Task
1	Project Management										
	Project Management										
	Design Team Coordination										
1.3	Monthly Invoice										
- 0	0 136										
2	Survey and Mapping Project Initial Research and Planning										
	Right-of-way/Easement Surveying and Legal Descriptions										-
	Site/topographic/design Surveying										+
2.4	Pre-Construction Surveying										
	• 5										
3	Tree Evaluation										
	Perform Field Assessment										
	Prepare Tree Assessment Report										
3.3	Prepare Tree Removal Permit										
<u> </u>											
	Geotechnical Investigation									}	
	Site Recon & Work Plan Field Explorations										
	Lab Testing									}	1
4.4	Geotechnical Engineering Evaluations and Design										1
	Pavement Design										1
	Geotechnical Report										
4.7	Conduct Level 1 Hazmat										
4.8	Review of Geotechnical Related Plans and Specifications										
5	Preliminary Design - 30% Plans										
	Roadway Alignment & Profiles (5th/Kinsman)										
	Typical Sections										
5.3 5.4	Bridge TS&L Roadway Plan Lines (Boones Ferry Rd.)										-
	Tonquin Trail Alignment Alternatives										-
0.0	Tonquin Trair mighinent miternatives										+
6	Preliminary Design - 50% Plans										
	Stormwater Analysis, Design and Report										
6.1.1	Hydraulic Analysis and Scour Design										
	Roadway Design										
	Utility Design & Coordination										
	Design Assumptions Report										
	Illumination/Signing/Striping/Traffic Control Design Tonquin Trail Design										-
	Boones Ferry Road Design										1
6.8	Structures Design										
	50% Plans and Estimate										
	Right-of-way Exhibits										
	-										
7	Permitting & Agency Coordination										
	Wetland Delineation & Assessment										
7.2	Natural Resource Permitting										
	Prepare Draft JPA										
	Final Permitting and Mitigation										
7.3	Endangered Species Consultation (Biological Assessment) Archaeological and Historic Resources	-									+
1.4	menacological and misofic Resources									1	+
8	Final Design and Bid Documents										+
8.1	90% Design Plans, Special Provisions & Estimate										
#REF!											1
9	Construction Engineering										
9.1	Construction Meetings						<u> </u>				
9.2	Construction Survey										
	Project Construction									ļ	
	Post-Construction										
9.5	As-built Survey and Drawings	-									
10	Right-of-way Acquisition									}	+
	Rights of Entry	1	12			20	25	1		59	\$4,449
	Programming Estimate	1	20	30	25			1	1	78	\$8,500
10.3	Preliminary Title Reports	1	2			3		1		7	\$759
10.4	General Information Notices	1	5			20	5			31	\$2,544
	Appraisal	1	17							18	\$2,193
	Acquisition	1	75		150	85	100	3	3	417	\$33,840
10.7	Condemnation	1	5		5	0."	0*			11	\$1,179
10.8	Closing		2			25	25			52	\$3,354

Epic Otak Project # 18250

Task	Description	Advisory Manager	Project Manager	Appraiser	Sr ROW Agent	Right of Way Agent	Administrativ e Support	Budget & Financial Controls	Contract Support	Total Hours	Total Budget by Task
10.9	Record Keeping		2		10	5	5			22	\$1,709
	Public Involvement										
11.1	Meeting displays and materials										
11.2	Meeting Summaries										
11.3	Website Content										
11.4	Mailings and Meeting Notification										
11.5	Public Involvement Meetings										
	Total Hours	7	140	30	190	158	160	6	4	695	
	Billing Rate		\$119.79	\$119.79	\$84.64	\$77.67	\$46.89	\$128.96	\$108.33		
	Total Labor Cost	7-,000	\$16,771	\$3,594	\$16,082	\$12,272	\$7,502	\$774	\$433		\$58,526
	Direct Expenses										\$ 74,390.00
	Project Total										\$132,916

 $\label{eq:contract_CO2-Ad Serve 5th St Kinsman Fee w Subs_sra final} Exhibit B - Page 13 of 21$ 10/24/2018, 2:04 PM

Fee Estimate
PHS
Otak Project # 18250

					Position/I	Role		
Task	Description	PM	WS2	WS1	GS	Admin	Total Hours	Total Budget by Task
1	Project Management							
1.1	Project Management							
1.2	Design Team Coordination	18	30				48	\$5,58
1.3	Monthly Invoice							
	C							
2.1	Survey and Mapping Project Initial Research and Planning							
	Right-of-way/Easement Surveying and Legal Descriptions							
2.3	Site/topographic/design Surveying							
2.4	Pre-Construction Surveying							
3	Tree Evaluation					-		
3.1	Perform Field Assessment							
3.2	Prepare Tree Assessment Report							
3.3	Prepare Tree Removal Permit							
4.1	Geotechnical Investigation Site Recon & Work Plan							
	Field Explorations	+						
4.3	Lab Testing		<u>L</u>					<u> </u>
4.4	Geotechnical Engineering Evaluations and Design							
4.5	Pavement Design							
4.6	Geotechnical Report							
4.7	Conduct Level 1 Hazmat Review of Geotechnical Related Plans and Specifications							
1.0	ite view of deolecimour reduced 1 mile and operations							
5	Preliminary Design - 30% Plans							
	Roadway Alignment & Profiles (5th/Kinsman)							
5.2	Typical Sections							
	Bridge TS&L Roadway Plan Lines (Boones Ferry Rd.)							
5.4	Tonquin Trail Alignment Alternatives							
0.0	Tonquin Trum imamono involtavi (co							
6	Preliminary Design - 50% Plans							
6.1	Stormwater Analysis, Design and Report							
	Hydraulic Analysis and Scour Design							
6.2	Roadway Design Utility Design & Coordination							
6.4	Design Assumptions Report							
6.5	Illumination/Signing/Striping/Traffic Control Design							
6.6	Tonquin Trail Design							
	Boones Ferry Road Design							
6.8	Structures Design 50% Plans and Estimate							
	Right-of-way Exhibits							
0.10	regio of way minister							
7	Permitting & Agency Coordination							
7.1	Wetland Delineation & Assessment	4	34	28	8	6	80	\$7,92
7.2	Natural Resource Permitting	- 10	20		20	4.0	4.10	04.475
	Prepare Draft JPA Final Permitting and Mitigation	6	68 16	24	28 10	10	146 46	\$14,57 \$4,36
	Endangered Species Consultation (Biological Assessment)	16	40	4	8	6	74	\$7,80
7.4	Archaeological and Historic Resources					·		4.,
8	Final Design and Bid Documents		ļ			ļ		ļ
8.1 #REF!	90% Design Plans, Special Provisions & Estimate #REF!	-				 		
71112F;	#1027;		1					
9	Construction Engineering							Ì
9.1	Construction Meetings							
9.2	Construction Survey							ļ
9.3	Project Construction	-					1	1
	Post-Construction As-built Survey and Drawings	+				 	1	1
0.0	Survey and Dramings	1						1
	Right-of-way Acquisition							
	Rights of Entry							
	Programming Estimate		<u> </u>					1
	Preliminary Title Reports General Information Notices	-				 		1
	Appraisal	+	<u> </u>			 	 	1
	Acquisition	1						1
10.7	Condemnation							
10.8	Closing							
							_	-

Fee Estimate
PHS
Otak Project # 18250

siti		

					1 OSIGIOIDIT	oic		
Task	Description	PM	WS2	WS1	GS	Admin	Total Hours	Total Budget by Task
10.9	Record Keeping							
11	Public Involvement							
11.1	Meeting displays and materials							
11.2	Meeting Summaries							
11.3	Website Content							
11.4	Mailings and Meeting Notification							
11.5	Public Involvement Meetings							
	Total Hours	60	188	60	54	32	394	
	Billing Rate	\$135.00	\$105.00	\$99.00	\$79.00	\$69.00		
	Total Labor Cost	\$8,100	\$19,740	\$5,940	\$4,266	\$2,208		\$40,254
	Direct Expenses							\$1,250
	Project Total							\$41,504

 $\label{eq:contract_CO2-Ad Serve 5th St Kinsman Fee w Subs_sra final} Exhibit B - Page 15 of 21$ 10/24/2018, 2:04 PM

City of Wilsonville - 5th Street / Kinsman Road Extension Project Fee Estimate DKS Otak Project # 18250

							Total	Total Budget by
Task	Description	Principal	PM	Engineer	CAD	Admin	Hours	Task
1	Project Management							
1.1	Project Management	2	2			4	8	\$1,030
1.2	Design Team Coordination							
1.3	Monthly Invoice		8			4	12	\$1,380
2	Survey and Mapping						-	
2.1	Project Initial Research and Planning							
2.2	Right-of-way/Easement Surveying and Legal Descripti	ons						
2.3	Site/topographic/design Surveying							
2.4	Pre-Construction Surveying							
3	Tree Evaluation							
3.1	Perform Field Assessment							
3.2	Prepare Tree Assessment Report							
3.3	Prepare Tree Removal Permit							
4	Geotechnical Investigation							
4.1	Site Recon & Work Plan							
4.2	Field Explorations				-			
4.3	Lab Testing Geotechnical Engineering Evaluations and Design					-	1	1
4.5	Pavement Design						1	1
4.6	Geotechnical Report							
4.7	Conduct Level 1 Hazmat							
4.8	Review of Geotechnical Related Plans and Specification	ons						
5	Preliminary Design - 30% Plans					-	-	
5.1	Roadway Alignment & Profiles (5th/Kinsman)	2	10	20	8		40	\$4,390
5.2	Typical Sections							
5.3	Bridge TS&L							
5.4 5.5	Roadway Plan Lines (Boones Ferry Rd.) Tonquin Trail Alignment Alternatives						-	
5.5	Tonquin Tran Angiment Atternatives							
6	Preliminary Design - 50% Plans							
6.1	Stormwater Analysis, Design and Report							
6.1.1	Hydraulic Analysis and Scour Design							
6.2	Roadway Design Utility Design & Coordination							
6.4	Design Assumptions Report							
6.5	Illumination/Signing/Striping/Traffic Control Design	8	20	26	20		74	\$8,650
6.6	Tonquin Trail Design Boones Ferry Road Design							
6.8	Structures Design							
6.9	50% Plans and Estimate							
6.10	Right-of-way Exhibits							
7	Permitting & Agency Coordination							
7.1	Wetland Delineation & Assessment							
	Natural Resource Permitting							
7.2.1	Prepare Draft JPA		•					
	Final Permitting and Mitigation	a 4)		1		-	_	<u> </u>
7.3	Endangered Species Consultation (Biological Assessmental Archaeological and Historic Resources	e11t <i>)</i>		+			 	
8	Final Design and Bid Documents							
8.1 #PFF!	90% Design Plans, Special Provisions & Estimate	10 6	28	60	36 12	1	134 40	\$15,050
#REF!	#WEF:	б	6	16	12		40	\$4,730
9	Construction Engineering							
9.1	Construction Meetings	4	4		_		8	\$1,220
9.2	Construction Survey Project Construction			1			1	
9.3 9.4	Post-Construction					-	-	
9.5	As-built Survey and Drawings	1	2	8	8		19	\$2,105
10	Right-of-way Acquisition			1		1	 	
10.1	Rights of Entry							
10.2	Programming Estimate							
10.3	Preliminary Title Reports General Information Notices			1			-	
10.4	Appraisal			+			 	
10.6	Acquisition						t	
10.7	Condemnation							
10.8	Closing						1	1

DKS Otak Project # 18250

Task	Description	Principal	PM	Engineer	CAD	Admin	Total Hours	Total Budget by Task
10.9	Record Keeping							
11	Public Involvement							
11.1	Meeting displays and materials							
11.2	Meeting Summaries							
11.3	Website Content							
11.4	Mailings and Meeting Notification							
11.5	Public Involvement Meetings	9			6		15	\$2,355
	Total Hours	42	80	130	90	8	350	
	Billing Rate	\$185.00	\$120.00	\$95.00	\$115.00	\$105.00		
	Total Labor Cost	\$7,770	\$9,600	\$12,350	\$10,350	\$840		\$40,910
	Direct Expenses	\$150	\$75	\$75	, in the second			\$300
	Project Total							\$41,210

 $\label{eq:contract_CO2-AdServe 5th St Kinsman Fee w Subs_sra final} Exhibit B - Page 17 of 21$ 10/24/2018, 2:04 PM

City of Wilsonville - 5th Street / Kinsman Road Extension Project Fee Estimate MH Otak Project # 18250

Task	Description	Arborist	Total Hours	Total Budget by Task
1	Project Management			
1.1	Project Management			
1.2	Design Team Coordination	20	20	\$3,000
1.3	Monthly Invoice			1.7,
2	Survey and Mapping			
2.1	Project Initial Research and Planning			
2.2	Right-of-way/Easement Surveying and Legal Descriptions			
2.3	Site/topographic/design Surveying Pre-Construction Surveying			
2.4	110 construction but veying			
3	Tree Evaluation			
3.1	Perform Field Assessment	24	24	\$3,600
3.2	Prepare Tree Assessment Report	12	12	\$1,800
3.3	Prepare Tree Removal Permit	8	8	\$1,200
4.1	Geotechnical Investigation Site Recon & Work Plan			
4.1	Field Explorations			
4.2	Lab Testing			
4.4	Geotechnical Engineering Evaluations and Design			
4.5	Pavement Design			
4.6	Geotechnical Report			
4.7	Conduct Level 1 Hazmat			
4.8	Review of Geotechnical Related Plans and Specifications			
	D II D 1 200/ DI			
5.1	Preliminary Design - 30% Plans Roadway Alignment & Profiles (5th/Kinsman)			
5.2	Typical Sections			
5.3	Bridge TS&L			
5.4	Roadway Plan Lines (Boones Ferry Rd.)			
5.5	Tonquin Trail Alignment Alternatives			
6	Preliminary Design - 50% Plans			
6.1	Stormwater Analysis, Design and Report			
6.1.1	Hydraulic Analysis and Scour Design			
6.2	Roadway Design Utility Design & Coordination			
6.4	Design Assumptions Report			
6.5	Illumination/Signing/Striping/Traffic Control Design			
6.6	Tonquin Trail Design			
6.7	Boones Ferry Road Design			
6.8	Structures Design			
6.9	50% Plans and Estimate			
6.10	Right-of-way Exhibits			
7	Permitting & Agency Coordination			
7.1	Wetland Delineation & Assessment			
7.2	Natural Resource Permitting			
7.2.1	Prepare Draft JPA			
7.2.2	Final Permitting and Mitigation			
7.3	Endangered Species Consultation (Biological Assessment)			
7.4	Archaeological and Historic Resources			ldash
	Einel Design and Pid De			
8.1	Final Design and Bid Documents 90% Design Plans, Special Provisions & Estimate			
#REF!	#REF!	}		
nividi:	11 AVALA 1			
9	Construction Engineering			
9.1	Construction Meetings			
9.2	Construction Survey			
9.3	Project Construction			
9.4	Post-Construction			
9.5	As-built Survey and Drawings			
10	Right-of-way Acquisition			
10.1	Rights of Entry			
10.1	Programming Estimate			
10.3	Preliminary Title Reports			
10.4	General Information Notices			
10.5	Appraisal			
10.6	Acquisition			
10.7	Condemnation			\sqsubseteq
10.8	Closing			1 I

Fee Estimate
MH
Otak Project # 18250

Task	Description	Arborist	Total Hours	Total Budget by Task
10.9	Record Keeping			
11	Public Involvement			
11.1	Meeting displays and materials			
11.2	Meeting Summaries			
11.3	Website Content			
11.4	Mailings and Meeting Notification			
11.5	Public Involvement Meetings			
	Total Hours	64	64	
	Billing Rate	\$150.00		
	Total Labor Cost	\$9,600		\$9,600
	Direct Expenses	\$50		\$50
	Project Total			\$9,650

 $\label{eq:contract_CO2-Ad Serve 5th St Kinsman Fee w Subs_sra final} Exhibit B - Page 19 of 21$ 10/24/2018, 2:04 PM

BUDGET	\$ 11,312,503
Urban Renewal	\$ 7,000,000
Park SDCs	\$ 400,000
Water SDCs	\$ 905,380
Sanitary SDCs	\$ 1,135,123
Boones Ferry	\$ 1,872,000

COSTS	\$ 11,312,503	City	Wiser	Otak
Alternative Analysis	\$ 244,000			
City PM/CA	\$ 600,000	\$600,000		
Permitting	\$ 74,500			
Public Involvement	\$ 41,500			\$ 9,500
Railroad MOU (Wiser)	\$ 116,000		\$116,000	
Design/Construction Documents	\$ 838,000			\$625,000
Right-of-way Services	\$ 164,000			\$ 32,000
Construction Engineering	\$ 279,000			\$275,500
Right-of-way Land Cost	\$ 1,400,000			
Construction	\$ 7,555,503			

PHS	Morgen	AINW	DKS	Alta	JLA	Epic	S&W
\$ 41,500	\$ 10,000	\$ 23,000					
			\$ 2,000	\$ 11,000	\$ 19,000		
			\$ 37,000	\$ 86,000			\$ 90,000
						\$ 132,000	
			\$ 3,500				
						·	

Fee Estimate of Base Contract and Change Order #1 (August 2017) and Amendment #1 (July 2018)

City Project #2017 02 001 Otak Project # 18250

			AMENI	OMENT #1 (0			
Task	Added Work	Hours Added	Added Cost	OTAK Share	City Share	City Cost	CITY Comments
1	Project Management						
	Coordination Meetings (CO #2)	32	\$4,900		100%	\$4,900	OK
2	Survey and Mapping						
2.1.A	Expanded Survey Research (CO #2)	76	\$11,400	50%	50%	\$5,700	As agreed upon in 8/29/18 meeting
2.2.A	Expanded Survey Legal Descriptions (CO #2)	253	\$37,900	50%	50%	\$18,950	As agreed upon in 8/29/18 meeting
2.3.A	Expanded Survey Limits (CO #2)	28	\$4,200		100%	\$4,200	As agreed upon in 8/29/18 meeting
2.3.C	Re-Survey Railway due to Changes (CO #2)	12	\$1,700		100%	\$1,700	ОК
4	Geotechnical Investigation						
4.2.A	Borings on Boones Ferry Road (CO #2)	31	\$3,200	90%	10%	\$320	As agreed upon in 8/29/18 meeting
5	Preliminary Design - 30% Plans						
5.3.A	Separate Pedestrian Str. Supporting Tonquin Trail (CO #2)	66	\$8,250		100%	\$8,250	ОК
6	Preliminary Design - 50% Plans						
6.3.A	Additional Utility Design and Coordination	320	\$38,000	50%	50%	\$19,000	As agreed upon in 8/29/18 meeting
6.5.A	Truck Counts on Industrial Way (CO #2)	14	\$1,500		100%	\$1,500	OK
6.8.A	Value Engineer for Revised Permitting Approach (CO #2)	253	\$31,800		100%	\$31,800	OK
7	Permitting & Agency Coordination						
7.2.A	Change to Permitting Approach (CO #2)	75	\$9,600		100%	\$9,600	ОК
8	Final Design and Bid Documents						
8.1.A	Design Changes to Avoid Waterline (CO #2)	65	\$7,500	10%	90%	\$6,750	As agreed upon in 8/29/18 meeting
8.1.B	Design Changes to Avoid White Oak (CO #2)	28	\$3,200	10%	90%	\$2,880	As agreed upon in 8/29/18 meeting

Fee Estimate of Base Contract and Change Order #1 (August 2017) and Amendment #1 (July 2018)

City Project #2017 02 001 Otak Project # 18250

		AMENDMENT #1 (CO #2)					
Task	Added Work	Hours Added	Added Cost	OTAK Share	City Share	City Cost	CITY Comments
8.1.C	Boardwalk Design to Avoid White Oak (CO #2)	112	\$14,000	10%	90%	\$12,600	As agreed upon in 8/29/18 meeting
8.1.D	Culvert Design Changes due to Permitting (CO#2)	45	\$5,200	10%	90%	\$4,680	As agreed upon in 8/29/18 meeting
8.1.E	Boones Ferry Road Stormwater (CO #2)	75	\$8,600	50%	50%	\$4,300	As agreed upon in 8/29/18 meeting
8.1.F	Boones Ferry Roadwy Design (CO #2)	165	\$23,800	10%	90%	\$21,420	As agreed upon in 8/29/18 meeting
8.1.G	Added Plan Sheets (CO #2)	360	\$42,750	10%	90%	\$38,475	As agreed upon in 8/29/18 meeting
8.1.H	Active Transportation Design of 5th & Kinsman (Alta)	64	\$9,250	10%	90%	\$8,325	As agreed upon in 8/29/18 meeting
11.1.A	3D Rendering (CO #2)	24	\$1,750		100%	\$1,750	ОК
	Amendment #1 Total	2098.0	\$268,500	\$61,400		\$207,100	
				Otak Cos	t	City Cost	

INITIAL APPROVED PROJECT COSTS

\$1,399,556

PROJECT TOTAL w/ PREVIOUS CHANGE ORDER #1

\$1,422,741

PROJECT TOTAL COSTS w/ PENDING AMENDMENT #1 (CO #2)

\$1,629,841