

# **EXHIBIT A**

## **CITY OF REDMOND**

**156th Avenue NE Cycle Track**

**from**

**NE 28th Street/ NE Turing Street to NE 31st Street**

**and**

**NE 36th Street to NE 40th Street**

**City of Redmond Project No. 20022001**

**Consultant Agreement**

**Supplement Scope of Services**

**For**

**Design and Construction Engineering Support**

**Prepared by:**

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**May 12, 2023**

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## **INTRODUCTION**

Supplement No. 2 modifies the Original Agreement dated May 21, 2021 with the following revisions.

The Consultant provided additional design services and will provide engineering construction support for the project.

### **Task 2.0 Project Management and Quality Control**

#### **2.1 Project Management**

Direction of the CONSULTANT (DEA) staff and review of their work over the course of the project shall be provided. This work element includes preparing monthly progress reports including the status of individual work elements, number of meetings attended, outstanding information required, and work items planned for the following month, including any critical path tasks and any items impacting contract scope, schedule, and / or budget.

#### **2.2 Subconsultant Coordination**

The CONSULTANT (DEA) shall provide direction of the SUBCONSULTANT and review of their work over the course of the project shall be provided by the CONSULTANT (DEA). Monthly monitoring of the SUBCONSULTANT's design budget will occur over the course of the project. Current status, as well as projections, will be developed. This work element is intended to help monitor costs and budgets, and to propose corrective actions. These actions could include formal requests for increases, modifications, or reductions in scope and/or budget.

#### **2.4 Monthly Invoices/Progress Reports**

Monthly invoices using City template will be prepared by the CONSULTANT (DEA) per CITY requirements for work activities for the prior month. These invoices shall also include SUBCONSULTANT work and will be accompanied by monthly progress reports. Invoices will include back-up material for all expenses and will show approved budget and amount expended to date.

##### **Deliverables:**

- Monthly Invoices and Progress Reports (7 total).

### **Task 13.0 Final Design Plans, Specifications, and Estimates (PS&E)**

#### **13.3 100% Submittal**

Since retaining walls were not able to protect existing trees and required removal for walls construction, the City provided direction to eliminate walls and redesign the project using sideslopes. The CONSULTANT (DEA) performed the following tasks:

- Developed new horizontal and vertical alignments for cycle track and sidewalk.
- Updated grading model
- Revised all plan sheets
- Updated bid items, quantities, and estimate
- Revised project special provisions

**Deliverables:**

- Updated 100% Complete Plan set (PDF Electronic file).
- Updated 100% Complete Contract Provisions Book (PDF Electronic file).
- Updated 100% Opinion of Probable Construction Cost (PDF Electronic file).

**Task 17.0 Optional Services****17.1 Construction Support**

The CONSULTANT shall provide Construction Office Support Services on an “on-call” basis at the CITY’s request during the construction phase of the project. The assumed construction duration is 24 weeks. Construction Office Support Services may include the following:

- A. **Pre-Bid Meeting:** The CONSULTANT will attend pre-bid meeting. The CITY shall prepare meeting notes.
- B. **Pre-Construction Meeting:** The CONSULTANT will attend one (1) pre-construction meetings. These may include the general pre-construction meeting with the prime contractor and subcontractors. The CITY shall prepare meeting notes.
- C. **Construction Meetings:** The CONSULTANT will attend construction meetings as requested. This task assumes fifteen (15) meetings. It is assumed (2) CONSULTANT staff will attend virtual Teams meetings. This task assumes the CITY will prepare meeting agendas and meeting notes and distribute them.
- D. **Review Selected Shop Drawings Submittals:** The CONSULTANT will review and recommend action on selected Contractor electrical submittals and shop drawings as requested by the CITY. The effort for this task is for input/support of the review of shop drawings submittals by the Contractor to the CITY and will be limited to the effort shown in the Fee Proposal. This task assumes the following:
  - a. 5 Structural Shop Drawing reviews (duration time is assumed to be four (4) hours for each submittal.)
  - b. 10 Electrical submittals (duration time is assumed to be two (2) hours for each submittal.)
- E. **Requests for Information (RFIs)/RAM Reviews:** At the CITY’s request, the CONSULTANT may be asked to provide assistance to the CITY in answering the Contractor’s RFIs and reviewing Request for Approval of Material (RAM). This task assumed that thirty (30) RFIs/RAMS will be reviewed and responded. Response time for each RFI/RAM is assumed to be two (2) hour.
- F. **Change Orders (COs):** At the CITY’s request, the CONSULTANT may be asked to provide assistance to the CITY in reviewing change order proposals and developing required information for COs. Work may include preparation of drawings and supporting information. This task assumed that five (5) COs will be prepared.
- G. **Geotechnical Observations:** It is assumed not needed for this project. If site condition requires this task, it will be negotiated as a change order.

**Assumptions:**

- The CITY will prepare and perform all construction administration documentation.
- The City will perform all construction management and daily inspections.
- The CITY will prepare and maintain ROM.

**Deliverables:**

- Shop drawing responses
- Electrical submittal responses
- RFIs/RAMs responses
- Drawings, calculations, and specifications required for Change Orders.

**17.2 Construction MEF Document**

It is assumed a maximum extent feasible (MEF) documentation needs to be prepared.

**17.3 Record Drawings**

The CONSULTANT shall prepare Record Drawings at the completion of the project. The CITY will provide Contractor-prepared marked-up drawings, inspector's field notes, and other available information. The CONSULTANT shall use these materials to prepare the Record Drawings. Record Drawings shall be prepared in accordance with the CITY's "Record Drawing Requirements."

**Deliverables:**

- Phase I Record Drawings for Engineering Review (22"x34" bond [1 copy])
- Phase II Record Drawings GIS Review - (22"x34" bond [1 copy], Digital CAD file [on DVD], Digital Submittal Checklist [1 hard copy])
- Phase III Record Drawings for Final Submittal (22"x34" mylar [1 copy], 22"x34" bond [1 copy], 11"x17" bond [3 copies])

**Exhibit D**  
**City of Redmond**  
**156th Avenue NE Cycle Track**

**David Evans and Associates, Inc.**

<b>Classification</b>		<b>Hrs.</b>	<b>x</b>	<b>Negotiated Rate</b>	<b>=</b>	<b>Cost</b>
1	Project Manager IV (PJM4)	104		\$ 282.80		\$29,411
2	Project Manager III (PJM3)	43		\$ 196.73		\$8,459
3	Designer IV (DES4)	87		\$ 183.20		\$15,939
4	Engineer V (ENG5)	30		\$ 210.56		\$6,317
5	Designer III (DES3)	42		\$ 178.29		\$7,488
6	Project Accountant IV (PAC4)	7		\$ 135.37		\$948
7	Project Coordinator III (PJC3)	7		\$ 102.11		\$715
8	Project Manager V (PJM5) - QC Manager	3		\$ 300.63		\$902
9	Project Manager III (PJM3) - Landscape	35		\$ 200.73		\$7,025
10	Support Services Specialist IV (SSS4)	4		\$ 94.43		\$378
11	Engineer VII (ENG7)	26		\$ 279.85		\$7,276
12	Engineering Designer II (END2)	22		\$ 143.06		\$3,147
13	Landscape Designer IV (LAD4)	22		\$ 136.79		\$3,009
<b>Total Hrs.</b>		<b>432</b>				

**Salary Cost** **\$ 91,014**

**Salary Escalation Cost (estimated)**

Escalation - % of Labor Cost      0%    per year @      1      year(s)      \$0

**Total Salary Cost** **\$ 91,014**

<b>Direct Expenses</b>	<b>No.</b>	<b>Unit</b>	<b>Each</b>	<b>Cost</b>
Reproduction Costs				
Full-Size Plans	6	sets @	\$350 /set	\$ 2,100.00
Half-Size Plans	6	sets @	\$50 /set	\$ 300.00
Specifications	6	sets @	\$50 /set	\$ 300.00
Mail/Deliveries/Fed Ex	5	@	\$40 /each	\$ 200.00
Mileage	40	miles @	\$0.560 /mile	\$ 22.40
Urban Forestry Service Bartlett Consulting	1	@	\$10,000 LS	\$ 10,000.00

**Subtotal** **\$ 12,922**

**David Evans and Associates Total** **\$ 103,936**

<b>Subconsultants</b>	<b>DBE</b>	<b>Hrs</b>	<b>\$ Total</b>
Toole Design Group		67	\$ 13,282
<b>Subconsultant Total</b>		<b>67</b>	<b>\$ 13,282</b>

**Direct Expenses Sub-Total (including Subconsultants)** **\$ 26,204**

**Total Costs** **\$ 117,218**

**Contingency and Reserve Fund (± 0%)**

**Total Costs with Management Reserve Fund** **\$ 117,218**

**Anticipated DBE Percentage** **0%**

**Exhibit D  
City of Redmond  
156th Avenue NE Cycle Track**

**David Evans and Associates, Inc.**

Work Element #	Work Element	1	2	3	4	5	6	7	8	9	10	11	12	13	DEA Total hrs	DEA Total \$ w/ separate esc.
		Project Manager IV (PJM4)	Project Manager III (PJM3)	Designer IV (DES4)	Engineer V (ENG5)	Designer III (DES3)	Project Accountant IV (PAC4)	Project Coordinator III (PIC3)	Project Manager V (PJM5) - QC Manager	Project Manager III (PJM3) - Landscape	Support Services Specialist IV (SSS4)	Engineer VII (ENG7)	Engineering Designer II (END2)	Landscape Designer IV (LAD4)		
		Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs		
<b>2.0</b>	<b>PROJECT MANAGEMENT AND QUALITY CONTROL</b>															
2.1	Project Management	24													24	\$6,787
2.2	Subconsultant Coordination	12													12	\$3,394
2.4	Monthly Invoices/Progress Reports	7					7	7			4				25	\$4,020
	<b>Work Element 2.0 Total</b>	43					7	7			4				61	\$14,200
<b>13.0</b>	<b>FINAL DESIGN PLANS, SPECIFICATIONS, AND ESTIMATES (PS&amp;E)</b>															
13.3	100% Submittal	16	15	60	15					8				8	122	\$24,327
	<b>Work Element 13.0 Total</b>	16	15	60	15					8				8	122	\$24,327
<b>17.0</b>	<b>Optional Services</b>															
17.1	Construction Support															
	Pre-Bid Meeting				4										4	\$842
	Pre-Construction Meeting	3			3										6	\$1,480
	Construction Meetings	15	2	2	4					3		4			30	\$7,566
	Review Selected Shop Drawings Submittals		20									6	14		40	\$7,617
	Requests for Information (RFIs)/RAMs	20		8						20					60	\$14,494
	Change Orders (COs)	4	6	8	4					4		4	8	8	46	\$8,781
	Geotechnical Observations															
17.2	Construction MEF Document															
17.3	Record Drawings															
	Phase I	1		3		24			1					2	31	\$5,685
	Phase II	1		3		12			1					2	19	\$3,546
	Phase III	1		3		6			1					2	13	\$2,476
	<b>Work Element 17.0 Total</b>	45	28	27	15	42			3	27		26	22	14	249	\$52,487
	<b>EXPENSES</b>															\$12,922
	<b>SALARY ESCALATION</b>															
<b>PROJECT WORK ELEMENTS TOTALS</b>		104	43	87	30	42	7	7	3	35	4	26	22	22	432	\$103,936.24

**Exhibit E**  
**City of Redmond**  
**156th Avenue NE Cycle Track**

**Toole Design Group**

Classification		Hrs.	x	Negotiated Rate	=	Cost
1	Engineering Lead II	7		\$ 275.97		\$1,932
2	Engineering Lead I	51		\$ 184.25		\$9,397
3	Project Engineer	6		\$ 161.55		\$969
4	Engineer III	3		\$ 150.11		\$450
Total Hrs.		67				

**Salary Cost** **\$ 12,748**

**Salary Escalation Cost (estimated)**

Escalation - % of Labor Cost 0% per year @ 1 year(s) \$0

**Total Salary Cost** **\$ 12,748**

Direct Expenses	No.	Unit	Each	Cost
Vehicle Rental	1	@	\$500 LS	\$ 500.00
Mileage	60	miles @	\$0.560 /mile	\$ 33.60
<b>Subtotal</b>				<b>\$ 534</b>

**Toole Design Group Total** **\$ 13,282**



**Exhibit E  
City of Redmond  
156th Avenue NE Cycle Track**

**Toole Design Group**

Work Element #	Work Element	1	2	3	4	TDG	TDG
		Engineering Lead II	Engineering Lead I	Project Engineer	Engineer III		
	<b>negotiated rates:</b>	\$275.97	\$184.25	\$161.55	\$150.11		
		Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total \$ w/ separate esc.
<b>2.0</b>	<b>PROJECT MANAGEMENT AND QUALITY CONTROL</b>						
2.1	Project Management						
2.2	Subconsultant Coordination						
2.4	Monthly Invoices/Progress Reports	2	4			6	\$1,289
	<b>Work Element 2.0 Total</b>	2	4			6	\$1,289
<b>13.0</b>	<b>FINAL DESIGN PLANS, SPECIFICATIONS, AND ESTIMATES (PS&amp;E)</b>						
13.3	100% Submittal						
	<b>Work Element 13.0 Total</b>						
<b>17.0</b>	<b>Optional Services</b>						
17.1	Construction Support						
	Construction Meetings		8			8	\$1,474
	Review Selected Shop Drawings Submittals						
	Requests for Information (RFIs)/RAMs	5	20	2	3	30	\$5,838
	Change Orders (COs)		12	4		16	\$2,857
	Geotechnical Observations						
17.2	Construction MEF Document						
	Phase I		4			4	\$737
	Phase II		2			2	\$368
	Phase III		1			1	\$184
	<b>Work Element 17.0 Total</b>	5	47	6	3	61	\$11,459
	<b>EXPENSES</b>						\$534
<b>PROJECT WORK ELEMENTS TOTALS</b>		7	51	6	3	67	\$13,282.10