THIRD AMENDATORY DESIGN SERVICES AGREEMENT

THIS THIRD AMENDATORY DESIGN SERVICES AGREEMENT is entered into between the CITY AND COUNTY OF DENVER (the "City"), a municipal corporation of the State of Colorado, and PARSONS TRANSPORTATION GROUP INC., an Illinois corporation, (the "Design Consultant" or "Consultant"), registered to conduct business in Colorado, whose address is 999 18TH Street, Suite N1555, Denver, Colorado 80203 (collectively, "the Parties").

RECITALS:

- A. The Parties entered into a Design Services Agreement dated October 21, 2020, an Amendatory Design Services Agreement dated December 9, 2022, and a Second Amendatory Agreement dated January 9, 2025, (collectively, the "Agreement") to perform, and complete all of the services and produce all the deliverables set forth on Exhibit A, Scope of Work/Budget, to the City's satisfaction.
- **B.** The Parties wish to amend the Agreement to update Section 3.01-fee for basic services, update Section 3.03-additional services, update Section 3.05-the maximum contract amount, update Section 5.07 (a), update Section 5.25-notices, update the scope of work/budget exhibit, and update the key personnel/rates exhibit.

NOW THEREFORE, in consideration of the premises and the Parties' mutual covenants and obligations, the Parties agree as follows:

- 1. Section 3 of the Agreement entitled "<u>COMPENSATION</u>, <u>PAYMENT</u>, <u>AND</u> <u>FUNDING</u>", Subsection 3.01 "<u>Fee for basic services</u>." is hereby deleted in its entirety and replaced with:
- "3.01 <u>Fee for basic services</u>. The City agrees to pay the Design Consultant, as full compensation for its basic services rendered hereunder, a fee not to exceed **TWENTY-FIVE MILLION THIRTY THOUSAND FIVE HUNDRED THIRTEEN DOLLARS AND ZERO CENTS** (\$25,030,513.00) for all basic services in accordance with the scope of services set forth in **Exhibit A**, **Exhibit A-1**, **Exhibit A-2**, and **Exhibit A-3**, and the corresponding billing rates and project budget stated in **Exhibit B**, **Exhibit B-1**, and **B-2**. The rates in **Exhibit B** shall apply to those services set forth in **Exhibit A-1** and **Exhibit A-2**. The rates in **Exhibit B-2** shall apply to the services set forth in **Exhibit A-3**. The amounts budgeted for phases may be increased or decreased, and the amounts allocated for services and expenses adjusted, upon written approval of the Director or his designee, and subject to the Maximum Contract Amount stated in this Section 3."

- 2. Section 3 of the Agreement entitled "<u>COMPENSATION, PAYMENT, AND</u> <u>FUNDING</u>", Subsection 3.03. "<u>Additional Services.</u>" is hereby deleted in its entirety and replaced with:
- "3.03 Additional Services. If pre-approved additional services are performed by the Design Consultant, the City agrees to pay the Design Consultant for such additional services in accordance with Section 2.08. The maximum amount to be paid by the City for all additional services under this contract is ONE MILLION FORTY THOUSAND DOLLARS AND ZERO CENTS (\$1,040,000.00). The rates in Exhibit B-1 shall apply to additional services authorized and approved after the effective date of this Amendatory Agreement."
- 3. Section 3 of the Agreement entitled "<u>COMPENSATION, PAYMENT, AND</u> <u>FUNDING</u>", Subsection 3.05 (a), "<u>Maximum Contract Amount</u>." is hereby deleted in its entirety and replaced with:

"3.05 Maximum Contract Amount.

- (a) Notwithstanding any other provision of the Agreement, the City's maximum payment obligation will not exceed TWENTY-SEVEN MILLION TWO HUNDRED THIRTY-FOUR THOUSAND NINE HUNDRED SEVENTY-ONE DOLLARS AND ZERO CENTS (\$27,234,971.00) (the "Maximum Contract Amount"). The City is not obligated to execute an Agreement or any amendments for any further services, including any services performed by Design Consultant beyond that specifically described in Exhibit A, Exhibit A-1, Exhibit A-2, and Exhibit A-3. Any services performed beyond those set forth therein are performed at Design Consultant's risk and without authorization under the Agreement."
- 4. Section 5 of the Agreement entitled "<u>GENERAL PROVISIONS</u>", subsection 5.07 "<u>Insurance</u>.", sub-subsection (a) is hereby deleted in its entirety and replaced with:
- **General Conditions:** Consultant agrees to secure, at or before the time of execution of this Agreement, the following insurance covering all operations, goods or services provided pursuant to this Agreement. Consultant shall keep the required insurance coverage in force at all times during the term of the Agreement, including any extension thereof, and during any warranty period. The required insurance shall be underwritten by an insurer licensed or authorized to do business in Colorado and rated by A.M. Best Company as "A-VIII" or better. Each policy shall require notification to the City in the event any of the required policies be canceled or non-renewed before the expiration date thereof. Such written notice shall be sent to the parties identified in the Notices section of this Agreement. Such notice shall reference the City contract number listed on the signature page of this Agreement. Said notice shall be sent thirty (30) days prior to such cancellation or non-renewal unless due to non-payment of premiums for which notice shall be sent ten (10) days prior. If such written notice is unavailable from the insurer, Consultant shall provide written notice of cancellation, non-renewal and any reduction in coverage to the parties identified in the Notices section by certified mail, return receipt requested within three (3) business days of such notice by its insurer(s) and referencing the City's contract number. Consultant shall be responsible for the payment of any deductible or self-insured retention. The

insurance coverages specified in this Agreement are the minimum requirements, and these requirements do not lessen or limit the liability of the Consultant. The Consultant shall maintain, at its own expense, any additional kinds or amounts of insurance that it may deem necessary to cover its obligations and liabilities under this Agreement."

5. Section 5 of the Agreement entitled "<u>GENERAL PROVISIONS</u>", subsection 5.25 "<u>Notices.</u>" is hereby deleted in its entirety and replaced with:

"5.25 <u>Notices.</u> Notices, bills, invoices or reports required by this Agreement shall be sufficiently delivered if sent in the United States mail, postage prepaid, to the Parties at the following addresses:

to the City: Executive Director of Department of Transportation and Infrastructure or Designee 201 West Colfax Avenue, Dept. 608
Denver, Colorado 80202

to the Design Consultant:

Parsons Transportation Group Inc. 1776 Lincoln St., Suite 600 Denver, Colorado 80203

The addresses may be changed by the Parties by written notice."

- 6. All references in the original Agreement to Exhibit A, Scope of Work/Budget now refer to Exhibit A, Exhibit A-1, Exhibit A-2, and Exhibit A-3. Exhibit A-3 is attached and incorporated by reference herein.
- 7. All references in the original Agreement to **Exhibit B, Key Personnel/Rates** now refer to **Exhibit B, Exhibit B-1**, and **Exhibit B-2**. **Exhibit B-2** is attached and incorporated by reference herein.
- 8. As herein amended, the Agreement is affirmed and ratified in each and every particular.
- 9. This Third Amendatory Design Services Agreement will not be effective or binding on the City until it has been fully executed by all required signatories of the City and County of Denver, and if required by Charter, approved by the City Council.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK.]
[SIGNATURE PAGES FOLLOW.]

Contract Control Number: Contractor Name:	DOTI-202580631-03 [202055954-03] PARSONS TRANSPORTATION GROUP INC.						
IN WITNESS WHEREOF, the part Denver, Colorado as of:	ties have set their hands and affixed their seals at						
SEAL	CITY AND COUNTY OF DENVER:						
ATTEST:	By:						
APPROVED AS TO FORM:	REGISTERED AND COUNTERSIGNED:						
Attorney for the City and County of l	Denver						
By:	By:						
	By:						

Contract Control Number: Contractor Name:

DOTI-202580631-03 [202055954-03] PARSONS TRANSPORTATION GROUP INC.

By: Michael Unger
Name: Michael Unger
(please print)
Title: Vice President
(please print)
ATTEST: [if required]
Ву:
Name:
(please print)
Title:
(please print)

Exhibit A-3

Denver

East Colfax Avenue BRT - Denver Segment
Parsons
DSDC Fee Estimate - P3 2025 through P6 2028 (40 months)

5/19/2025	Parsons - Denver							
		Supervising	Principal	Project	Senior			
	Project Manager	Engineer	Engineer	Controls	Engineer	Admin	Total Hours	Parsons Fee
	\$ 270	\$ 200	\$ 170	\$ 160	\$ 150	\$ 110		
Task 1 Project Management, Project Controls, Administrative Tasks	150	150	0	450	0	300	1,050	\$175,500
1.1 Project Management	100	100					200	\$47,000
1.7 Progress Reports and Invoicing	50	50		450		300	850	\$128,500
Task 8 Design Services during Construction	470	1465	4480	0	1510	25	7950	\$1,410,750
8.1 DSDC Lead, Coordination, and Document Control	100	100	1800				2,000	\$353,000
8.2 DSDC Meetings	50	100	100		80		330	\$62,500
8.3 Construction Submittal Review	50	200	750		300		1,300	\$226,000
8.4 Request for Information (RFI)	50	200	750		300		1,300	\$226,000
8.5 Notice of Design Change (NDC)	50	750	1000		800		2,600	\$453,500
8.6 Field Design Change (FDC)	50	60	50				160	\$34,000
8.7 Field Observations	20	30	30		30	25	135	\$23,750
8.8 Project Closeout	100	25					125	\$32,000
Labor Budget	620	1615	4480	450	1510	325	9000	\$1,586,250
ODC's								\$0
Additional Services (as required)								\$100,000
Total Budget								\$1,686,250

East Colfax Avenue BRT - Denver Segment
Parsons
DSDC Forecast - P3 2025 through P6 2028 (40 months)
5/19/2025

		2025	Actual				2025 F	orecast				2025	2026	2027	2028	Grand
Task	Description	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	Total	Total	Total	Total	Total
1.1	Project Management	38	35	40	32	32	40	32	32	40	32	353				
8.1	DSDC Lead / Document Control	74	74	90	75	65	75	65	65	75	65	723				
8.2	DSDC Meetings	3	3	15	15	10	15	10	10	15	10	106				
8.3	Construction Submittal Review	62	39	60	45	40	55	40	40	55	40	476				
8.4	Request for Information (RFI)	26	38	60	45	40	55	40	40	55	40	439				
8.5	Notice of Design Change (NDC)	140	137	125	100	85	100	85	85	100	85	1042				
8.6	Field Design Change (FDC)	4	0	5	4	4	5	4	4	5	4	39				
8.7	Field Observations	0	0	5	4	4	5	4	4	5	4	35				
8.8	Project Closeout	0	0	0	0	0	0	0	0	0	0	0				
	Hours	345	326	400	320	280	350	280	280	350	280	3211	3120	2080	589	9000
	FTI	2.16	2.04	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.87	1.50	1.00	0.57	1.30
	weeks	4	4	5	4	4	5	4	4	5	4	43	52	52	26	173



HCL Engineering & Surveying, LLC 5975 S. Quebec Street, Suite 200 Centennial, CO 80111 hclengineering.com 303-773-1605

4/23/2025

James Moore Senior Project Manager Parsons 999 18th Street Suite 1555N, Denver, CO 80202 O: +1 303.764.1919 M: +1 407.808.6805

RE: Colfax BRT Change Order

Dear James

Thank you for allowing us to submit our proposal for the above-referenced project. In response to your request for a proposal for Professional Surveying services, HCL Engineering & Surveying, LLC (HCL) would be pleased to provide the professional surveying services Parsons (Client) requires for this project.

Scope of Work

Task 1: Appraisal Staking

- HCL will delineate the limits of Temporary Easements with Pink Paint for the following parcels: TE-2, TE-3, TE-4, TE-5, TE-9, TE-10, TE-13, TE-14, TE-15, TE-16
- HCL will delineate the limits of Permanent Easements with White Paint for the following parcels: PE-8, PE-9, PE-10
- HCL will delineate the limits of Right or Way acquisitions with Orange Paint for the following parcels: RW-2, RW-3, RW-4, RW-5, RW-7

Task 2: ALTA Survey Updates

- HCL will set monuments at the corners of RW and PE parcels: RW-2, RW-3, RW-4, RW-5, RW-7, PE-8, PE-9, PE-10
- ALTA surveys will be revised to depict and describe all set monuments
- ROW plans and ALTA Surveys will be updated to depict the change of parcels RW-8, RW-9, and RW-10 to PE-8, PE-9, and PE-10

Deliverables

- Updated ALTA Surveys
- Updated ROW Plans
- Field markings of parcels for appraisal
- HCL will respond to one round of comments from the City and County of Denver's review process.

Colfax BRT – Ongoing Survey Tasks Parsons

Compensation

Compensation for the performance of the above-described services will be provided as Time and Material not to exceed

Task 1	\$ 5,695
Tasks 2	\$ 4,445

Total Fee\$10,	14	łC)
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Staff Description	Senior Project Manager	Senior Project Surveyor	Field Coordinator	Party Chief	Instrument Operator	
Hourly Rate	SPM	SPS	FC	PC	Ю	

ACTUAL PROJECT DEMAND HOURS

*TABLE SELF POPULATES	\$195.00	\$150.00	\$170.00	\$160.00	\$85.00		
PHASE			Hours			Subtotal	Fee
Appraisal Staking	1.0	6.0	4.0	16.0	16.0	43.0	\$5,695
Plan Prep	1.0	13.0	2.0	8.0	8.0	32.0	\$4,445
Total	2.0	19.0	6.0	24.0	24.0	75.0	\$10,140

We appreciate the opportunity to work with you on this Project. Please let us know if you have any questions or need any further information.

Sincerely,

Ricky Erickson

Survey Department Lead

HCL Engineering and Surveying, LLC



June 30, 2025

James Moore Senior Engineering Manager Parsons Transportation Group 999 18th Street, Suite 1555 N Denver, Colorado 80202

RE: Agreement to provide additional services for Colfax Corridor

Dear Mr. Moore:

Thank you for contacting Jones Worley about the additional services needed for the Colfax Corridor/Lynx. Jones Worley is honored to have been a part of your team on such an important initiative.

Based on our discussion, I have outlined below for your consideration a proposed Scope of Work for the additional services needed to finish the project.

Sincerely,
JONES WORLEY

Shawn Lingle Senior Vice President

SCOPE OF WORK

Jones Worley will perform the following Scope of Work to support the Lynx BRT system.

• Experiential Graphic Design:

\$3,000

- Station shelter Additional edits to map panel, per RTD's request.
- Map panels Customization of panels for each station.
- Out-of-Scope Services (Work previously performed outside the original Scope of Work)
 \$4,000
 - Vehicle branding Additional edits that were made to the design after work was finalized, as requested by RTD's marketing department and the production vendor.
 - Station shelter & canopy Completed more reviews than originally estimated, as well as the preparation of sheets included in the construction drawings.

TOTAL: \$7,000

Shawn Lingle

Senior Vice President

 χ Shawn Lingle



518 17th Street, Suite 630 Denver, CO 80202 P (303) 440-9200 www.migcom.com

CALIFORNIA

BERKELEY, FULLERTON,
KENWOOD, MENLO PARK,
PASADENA, RIVERSIDE,
SACRAMENTO AND SAN DIEGO

COLORADO

DENVER

NEW YORK

PLEASANTVILLE

NORTH CAROLINA RALEIGH

OREGON

......

EUGENE AND PORTLAND

TEXAS

SAN ANTONIO

WASHINGTON

SEATTLE

May 19th, 2025

Parsons

Attn:

James Moore, PE Senior Engineering Manager 999 18th Street Suite 1555N, Denver, CO 8020

Re: Add Service 7.6 for East Colfax Bus Rapid Transit (BRT) Final Design – Denver Water/ Xcel Utility Design Changes.

Dear James,

This letter will serve an Add Service to MIG Inc.'s Services Agreement for East Colfax Bus Rapid Transit (BRT) Final Design. This Add Service will cover design changes and documentation relation to Denver Water and Xcel clearance requests.

MIG Inc. (MIG) will complete our scope of work for Add Service 7.6, under the Previous Agreed Supplemental Agreement 2. If this contract is acceptable to Parsons, please sign this letter and return a PDF copy to MIG.

MIG's detailed scope of work and fee for Add Service 7.6, are summarized in **Exhibit A** – **Estimated Project Cost**.

Scope

The following describes new services outside of the original scope:

Task 7.6.1 Tree Relocation and Design – Fee \$4,235

The MIG team will identify locations for the trees identified as a need to be relocated as requested by Denver Water and Xcel. The MIG team will analyze opportunities along the corridor, and review against the most current design packages by each subconsultants. Up to 3 meetings will be coordinated with DOTI OCF, and Project Leadership.

Task 7.6.2 Design Documentation – Fee \$8,285

The MIG team will prepare an NDC response package, including revisions to, or new landscape planting and layout sheets, that reflect the changes identified in task 7.6.1. The package shall match previously RFC drawing set and standards. The MIG team assumes one submission for this task, including up to 30 sheet adjustments, tabulations revisions. Specifications and details are not included in this package.

Task 7.6.3 Quality Assurance and Quality Control - Fee \$2,160

The MIG Team will provide one round of revisions and review for the documents prepared in task 7.6.2. The revision shall follow the standards and requirements set forth by Parsons and the Project.

Task 7.5.4 Additional RFI/ ASI Review and Response – Fee \$5,420

The MIG team will review and respond to up to 10 RFI and ASI requests submitted by the Construction Team or CCD. Responses will be in sketch form (PDF). This task covers the exceeded reviews from Task 7.5 Construction Observation & Construction Administration and anticipated additional reviews.

Fee

The fees for the scope of work described above will be billed on an hourly basis. MIG will not begin work on any task without written direction from the Client.

Approved Tasks (Supplemental Agreement 2)	Fee
3.2 Streetscape	\$15,000
7.1 Collaboration with CMGC	\$15,040
7.2.8 Station Layout Architecture/Landscape Arch.	\$5,000
7.3 60%/90%/Final PS&E Docs	\$128,858
7.4.1 Existing Conditions & BID Coordination	\$7,000
7.4.2 Add Alternative#1: 60% Design	\$38,000
7.4.4 Add Services #2	\$80,000
7.5 Construction Observation & Construction Administration	\$49,625
Subtotal	\$338,523
Additional Services	
7.6 Utility Coordination and Documentation	\$20,535
Revised Contract Total	\$359,058

We very much appreciate the opportunity to continue working with Parsons. Please feel free to contact me or Matt Shawaker at 303-440-9200 for any questions or additional information needed.

Sincerely,

Mark De La Torre

Malkelly

Director of Denver Operations | Director of Visualization

Please sign below to indicate your agreement to the terms outlined in this letter as a revision to the original contract and budget.

James Moore, PE.

Date

Senior Engineering Manager



Parsons Corporation I East Colfax Bus Rapid Transit (BRT) Final Design

CO/CA Add Service - RE: Denver Water/ Xcel Utility Design Changes.

			MIG, Inc.								ts (incl direct				
		Matt Shawaker Director of Urban Design		Daniel Navarro- Gomez Project Manager		Matt waker Ctor of Design Mana		Project .	Rochelle Associate II	MIG		HydroSystems* KDI	Sub Totals	MIG Direct Costs	Professional Fees Totals
		Hrs@	\$205	Hrs@	\$150	Hrs@	\$115								
Task 7.6:	Utility Coordination and Documentation														
7.6.1	Tree Relocation and Design	2	\$410	4	\$600	15	\$1,725	21	\$2,735	\$1,500	\$1,500		\$4,235		
7.6.2	Design Documentation	2	\$410	10	\$1,500	35	\$4,025	47	\$5,935	\$2,350	\$2,350		\$8,285		
7.6.3	Quality Assurance and Quality Control	2	\$410	4	\$600	10	\$1,150	16	\$2,160	\$0	\$0		\$2,160		
7.6.4	Additional RFI/ ASI Review and Response	4	\$820	12	\$1,800	20	\$2,300	36	\$4,920	\$500	\$500		\$5,420		
SUBTOTAL		10	\$2,050	30	\$4,500	80	\$9,200	120	\$15,750	\$4,350	\$4,350	\$0	\$20,100		
10	% Markup (on Subconsultants and Direct Costs)												\$435		
TOTAL PRO	OJECT COSTS												\$20,535		

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4601 DTC Boulevard, Suite 740 | Denver, CO 80237 | p. 720.481.3290

Contract Proposal CP25227

Proposal For From May 8, 2025

James Moore, PE Parsons Transportation Group 1776 Lincoln Street, Suite 600 Denver, CO 80203 james.moore@parsons.com

Alan Wiskus Principal

Project

City of Denver East Colfax BRT #684205

Project Description

The City & County of Denver East Colfax Avenue Bus Rapid Transit project is a BRT project from Broadway to Yosemite with a dedicated transit lane in each direction.

Scope of Services

Design Services During Construction (DSDC) Construction Administration (CA) Services:

- · Review of submittals and shop drawings
- · Review and responding to RFIs,
- Review of change request.
- · Providing record drawings based off of contractor redlines.
- One Pre-Final inspection & report.
- One Final inspection & report

Fee and Structure		Amount
Add Service CPTED DSDC	Time & Expense	8,000.00
	Total Amount	\$8,000.00

Terms and Conditions

Per Original Terms & Conditions

Authorization and Acceptance

(Acknowledgment of Concurrence with the foregoing)

Alan Wiskus

James Moore, PE Principal Principal Project Engineer Date

Project Name City of Denver East Colfax BRT #684205	Date
Firm Name PK Electrical, Inc.	

M/WBE*	Firm Name	n Name Name of Employee Personnel Classification		Hourly Rate*	Hours	Total (\$)	
						\$0.00	
						\$0.00	
						\$0.00 \$0.00	
						\$0.00	
						,	
Υ	PK Electrical, Inc.		Principal	\$270.00	4	\$1,080.00	
Υ	PK Electrical, Inc.		Engineering Manager	\$250.00	8	\$2,000.00	
Υ	PK Electrical, Inc.		Electrical Designer	\$190.00	22	\$4,180.00	
Υ	PK Electrical, Inc.		TeleComm Manager	\$240.00		\$0.00	
Υ	PK Electrical, Inc.		Drafter	\$125.00		\$0.00	
Υ	PK Electrical, Inc.		Bookkeeper / Accounting	\$140.00	2	\$280.00	
Υ	PK Electrical, Inc.		Admin	\$115.00	4	\$460.00	
						\$0.00	
						\$0.00	
						\$0.00	
						\$0.00	
						\$0.00	
						\$0.00	
						\$0.00	
				SUBTOTALS		\$0.00	
					Subconsultant(s)	\$8,000.00	
* Only in	clude "Y" if an LOI was _l		nsultant in Master Agreement	a is Allowed			
	<u> </u>	Complete In	is Section if % Complete Invoicin		al Fee (\$) per Milesto	nne	
			CPTED CA				
			CITEDICA	\$8,000.00			
					\$0.00		
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				\$0.00			
* Only in	clude "Y" is an LOI was	provided for this subco	nsultant in Master Agreement				
	Anticipated Reimburs		uired for invoicing)				
	Building Permit Applica	ation					
	Zoning Permit if necess						
	Delivery services durin	g CA					
	For this Task Order:						
	M/WBE Total \$	\$8,000.00					
	M/WBE Total %	100.00%					
				TOTAL FE	E THIS TASK ORDER		
						Rev 03.26.2019	

Completed By	
(SIGNATURE):	

Docusign Envelope ID: 595F39FF-6085-4743-8DE4-28FB195858EA



681 Sierra Rose Drive, Suite B | Reno, NV 89511 | p. 775.826.9010 ext. 8816 4601 DTC Boulevard, Suite 740 | Denver, CO 80237 | p. 720.481.3290 pkelectrical.com

Contract Proposal CP25185R

Proposal For From May 8, 2025

James Moore, PE
Parsons Transportation Group
1776 Lincoln Street, Suite 600
Denver, CO 80203
james.moore@parsons.com

Alan Wiskus Principal

Project

City of Denver East Colfax BRT #684205

Project Description

East Colfax Avenue Bus Rapid Transit (BRT) project - Denver Segment, Broadway to Yosemite St.

The ADD SERVICE Proposal is to provide a design for Public Announcement (PA) System in the City and County of Denver at each of the (30) Center Running Station platforms and (3) Side Running stops.

Scope of Services

PA System design will include:

- Layout of speakers in station canopies.
- Coordination with Architect and RTD.
- Virtual design coordination and review meetings.
- Circuiting / Wiring diagram. Speakers will be connected to Comm Cabinet, patch panels, switches already included in the project.

Our Design Assumptions and Exclusions:

- Design change will be issued as an NDC on already created / issued drawings for BRT project.
- (2) submittals, a 90% Review and RFC, with review by owners in between.
- PA System Technical Specifications
- Additional DSDC services for submittals review and RFI's relating to PA system.
- All PA system equipment will be specified by RTD

EXCLUDES:

- Acoustic modeling.
- Specifying Programming of PA System
- Testing and Commissioning of System

Fee and Structure		Amount
Task 1 – PA System Design	Time & Expense	18,540.00
Task 2 – PA System DSDC	Time & Expense	5,000.00

Total Amount \$23,540.00

Terms and Conditions

Per Original Terms & Conditions

Authorization and Acceptance

(Acknowledgment of Concurrence with the foregoing)

Alan Wiskus Principal

James Moore, PE
Principal Project Engineer

Date

Project Name City of Denver East Colfax BRT #684205	Date
Firm Name PK Electrical, Inc.	

	PK Electrical, Inc.					\$0.00 \$0.00		
	· · · · · · · · · · · · · · · · · · ·					\$0.00		
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	· · · · · · · · · · · · · · · · · · ·					\$0.00 \$0.00		
	· · · · · · · · · · · · · · · · · · ·					\$0.00		
	· · · · · · · · · · · · · · · · · · ·					,		
1 Y			Principal	\$270.00	4	\$1,080.00		
	PK Electrical, Inc.		Engineering Manager	\$250.00	50	\$12,500.00		
Y F	PK Electrical, Inc.		Electrical Designer	\$190.00	50	\$9,500.00		
Y F	PK Electrical, Inc.		TeleComm Manager	\$240.00		\$0.00		
Y F	PK Electrical, Inc.		Drafter	\$125.00		\$0.00		
Y F	PK Electrical, Inc.		Bookkeeper / Accounting	\$140.00		\$0.00		
Y F	PK Electrical, Inc.		Admin	\$115.00	4	\$460.00		
						\$0.00		
						\$0.00		
						\$0.00		
						\$0.00		
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						\$0.00		
						\$0.00		
						-		
				SUBTOTALS		\$0.00		
*0.1.1.1.1	I. IIVII IC I OI				Subconsultant(s)	\$23,540.00		
* Only Includ	ie "Y" if an LOI was p		nsultant in Master Agreement is Section if % Complete Invoicin	a is Allowed				
		Complete m	is section if /a complete involcin		al Fee (\$) per Milesto	ne		
			PA System Design	100	\$18,540.00	J.I.C		
			PA System DSDC					
			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\$0.00			
				\$0.00				
				\$0.00				
					\$0.00			
				\$0.00				
* Only includ	de "Y" is an LOI was p	provided for this subcor	nsultant in Master Agreement					
		ables (Receipts are req	uired for invoicing)					
	ilding Permit Applica							
	ning Permit if necess							
	livery services during	g CA						
	or this Task Order:	444 4						
	M/WBE Total \$	\$23,540.00						
	M/WBE Total %	100.00%				633 540 00		
				TOTAL FE	E THIS TASK ORDER	\$23,540.00 Rev 03.26.2019		

Completed By (SIGNATURE):

Scope of Work East Colfax Avenue BRT Denver, Colorado

POST DESIGN SEVICES TO BE PERFORMED BY SHANNON & WILSON

Shannon & Wilson's (SW) scope of work will include the following services.

- ➤ Revise Project Special Provision (PSP) 703 SW revised the PSP 703 testing procedure for the Class 3 Special material. We have included the 14 hours of analysis and preparation for the RFI response.
- ➤ RFI Response SW assisted with the team in preparing responses to requests for information (RFIs) 88 and 90 regarding the 703 PSP testing requirements and a proposed bond breaker material, respectively. We have included 14 hours of analysis and preparation for the RFI response.
- ➤ Miscellaneous Team Design Support and Meetings We have included a total of 40 hours to provide miscellaneous support to the project team and to attend team meetings during construction.
- ➤ Prepare an Addendum Letter Revising Section 5.1.3 We have included a total of 12 hours to prepare an addendum to our geotechnical report discussing requirements for Class 3 Special material.

ASSUMPTIONS

We made the following assumptions in preparing this proposal:

- A supplemental geotechnical investigation will not be completed by SWI.
- ➤ Deliverables for RFI will be email correspondence or a memorandum format. A design letter or report is not required.
- ➤ Reissuing either the July 12, 2024 or July 29, 2024 geotechnical reports for the City and County of Denver and the City of Aurora, respectively, is not required. An addendum letter will supplement any required changes to the geotechnical recommendations.
- Materials testing and inspection services are not included.
- ➤ It is difficult to estimate the level of effort required for post-design services, as these services depend on your needs, the construction schedule, the rate of progress, the competency and skill of the Contractor, soil/rock conditions exposed during construction and weather, which are beyond our control. Additional effort may be required.
- Revisions to plans and preparation of as-built plans are excluded.
- We assume our work will be completed during the calendar year 2025 on a time-and-materials basis in accordance with the provided fee estimate and fee schedule. At the end of each fiscal year (December 31), rates will be adjusted for the next fiscal year.

COLFAX BRT POST DESIGN SERVICES DENVER, COLORADO

				HOUR	S			DOLLARS					SUB			
TASKS/SUBTASKS		PM	Sr. ENG	ENG	CAD/TECH	CLR	Total	PIC	PM	Sr. ENG	ENG	CAD/TECH	CLR	TOTAL	ODC	TOTAL
								\$290	\$220	\$130	\$150	\$130	\$140	IOIAL		
Post Design Services																
1. Revised PSP 703	4.0	10.0					14.0	\$1,160	\$2,200					\$3,360		\$3,360
2. RFI Response	4.0	10.0					14.0	\$1,160	\$2,200					\$3,360		\$3,360
3. Misc. Design Support & Meetings	4.0	36.0					40.0	\$1,160	\$7,920					\$9,080		\$9,080
Geotechnical Addendum Letter	4.0	8.0					12.0	\$1,160	\$1,760					\$2,920		\$2,920
5 PM		4.0				2.0	6.0		\$880				\$280	\$1,160		\$1,160
TOTAL	16.0	68.0				2.0	86.0	\$4,640	\$14,960				\$280	\$19,880		\$19,880

Other Expenses					
Pavement M-E Software License Fee	-	LS	\$500	\$	-
Vehicle	-	day	\$35	\$	-
Sample Jars	-	box	\$20	\$	-
Field/Office Expenses	-	LS	\$250	\$	-
TOTAL				\$	-

POST DESIGN SERVICES - SUMMARY						
Labor	\$	19,880				
Subcontractors (None)	\$	-				
Other Expenses (None)	\$	-				
SUBTOTAL		\$19,880				



5690 DTC Boulevard, Suite 330W Greenwood Village, CO 80111 phone:303-221-2330 • fax: 303-221-2331 www.stolfusandassociates.com

June 30, 2025

Ms. Jennifer Wood, PE Project Manager Parsons Jennifer.Wood@parsons.com

Dear Jen,

Stolfus is pleased to provide this proposal for additional Design Services During Construction (DSDC) services related to the East Colfax BRT Final Design project. The additional services are needed to be able to continue to support contractor Requests for Information (RFIs) during the construction phase. The original budget for traffic signal shop drawing reviews (16 hrs) and RFIs (48 hrs) has proven to be inadequate. Thus far, we have responded to 11 shop drawing submittals and 11 RFIs and have expended the fee associated with these tasks.

In order to respond to future RFIs and other needs related to traffic signal construction, we request that our DSDC budget be increased by \$10,000 (approximately 65 additional hours). This will allow us to continue to respond as needs occur.

Schedule and Additional Fee:

Stolfus will proceed with the additional services in alignment with the master project schedule with your approval of these services and associated fees. We will require additional fees, not-to-exceed \$10,000.00, per our Contract Rate schedule. This contract amendment is described in more detail in below:

Contract Summary

Original Scope of Work	2,371 hours	\$405,835.00
Amendment #1	488 hours	\$88,850.00
Amendment #2	398 hours	\$60,200.00
Amendment #3	65 hours	\$10,000.00
Total Scope of Work	3,322 hours	\$564,885.00

On behalf of Stolfus & Associates, Inc. thank you for the opportunity to submit this proposal. We look forward to completing this contract amendment and continuing the work.

Sincerely,

STOLFUS & ASSOCIATES, INC.

Matthe J. Brown

Matthew J. Brown, PE, PTOE

Traffic Safety, Systems & Operations Director

Exhibit A-3

Aurora

East Colfax Avenue BRT - Aurora Segment
Parsons
DSDC Fee Estimate - P3 2026 through P10 2027 (20 months)

5/19/2025	Parsons - Aurora							
		Supervising	Principal	Project	Senior			
	Project Manager	Engineer	Engineer	Controls	Engineer	Admin	Total Hours	Parsons Fee
	\$ 270	\$ 200	\$ 170	\$ 160	\$ 150	\$ 110		
Task 1 Project Management, Project Controls, Administrative Tasks	15	15	0	45	0	30	104	\$17,453
1.1 Project Management	10	10	0	0	0	0	20	\$4,674
1.7 Progress Reports and Invoicing	5	5	0	45	0	30	85	\$12,779
Task 7 Design Services during Construction	37	128	438	0	170	3	776	\$135,814
7.1 DSDC Lead, Coordination, and Document Control	10	10	170	0	0	0	190	\$33,574
7.2 DSDC Meetings	5	10	10	0	8	0	33	\$6,215
7.3 Construction Submittal Review	5	20	75	0	30	0	129	\$22,475
7.4 Request for Information (RFI)	5	20	75	0	30	0	129	\$22,475
7.5 Notice of Design Change (NDC)	5	60	99	0	99	0	264	\$45,099
7.6 Field Design Change (FDC)	5	6	6	0	0	0	17	\$3,556
7.7 Field Observations	2	3	3	0	3	3	14	\$2,418
Labor Budget	52	143	438	45	170	33	880	\$153,267
ODC's								\$0
Additional Services (as required)								\$15,000
Total Budget								\$168,267



Re: PROJECT CHANGE NOTICE

Agreement between Iron Horse Architects and Parsons dated 1-18-23 regarding Aurora Design Services During Construction (DSDC)

Reason for Change:

Parsons has requested Iron Horse Architects to provide DSDC services for both platforms of the Colfax Aurora Station

Addition in Scope of Work Requested:

• Design Services During Construction for the Colfax Aurora Stations

Additional Fee:

Original Contract Amount Total Prior Changes Total Amount of This Change	\$90,000.00 \$18,000.00 \$22,800.00
Total Contract amount with all Changes:	\$ 130,800.00
Estimated Reimbursables:	\$ 000,000.00
Total Fee:	\$130,800.00

Time for Change

Original Estimated Completion	12/31/2026
New Estimated Completion Date	8/31/2027*

^{*}pending receipt of Havana Station Submittal Schedule

Iron Horse Architects will proceed with the change upon receipt of signed approval.

Submitted by: Accepted by:

-4

Kevin Ashby, AIA Principal & Chief Design Officer Iron Horse Architects, Inc.

Date: 11/14/24

Name Title Company Date

General Description of the Work During DSDC

The Architect shall advise and consult with the Client during the Construction Phase Services or DSDC. The Architect shall not have control over, charge of, or responsibility for the construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, nor shall the Architect be responsible for the Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. The Architect shall be responsible for the Architect's negligent acts or omissions, but shall not have control over or charge of, and shall not be responsible for, acts or omissions of the Contractor or of any other persons or entities performing portions of the Work.

Evaluations of the Work

The Architect shall visit the site (4) times to become generally familiar with the progress and quality of the portion of the Work completed, and to determine, in general, if the Work observed is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents. However, the Architect shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. On the basis of the site visits, the Architect shall keep the Client reasonably informed about the progress and quality of the portion of the Work completed and promptly report to the Client (1) known deviations from the Contract Documents, and (2) defects and deficiencies observed in the Work.

The Architect will promptly inform Parsons of any Work that does not conform to the Contract Documents for the purposes of rejection.

The Architect shall interpret and decide matters concerning performance under, and requirements of, the Contract Documents on written request of either the Owner or Contractor. The Architect's response to such requests shall be made in writing within any time limits agreed upon or otherwise with reasonable promptness.

Interpretations and decisions of the Architect shall be consistent with the intent of, and reasonably inferable from, the Contract Documents and shall be in writing or in the form of drawings. When making such interpretations and decisions, the Architect shall endeavor to secure faithful performance by both Owner and Contractor, shall not show partiality to either, and shall not be liable for results of interpretations or decisions rendered in good faith. The Architect's decisions on matters relating to aesthetic effect shall be final if consistent with the intent expressed in the Contract Documents.

Submittals

The Architect shall review the Contractor's submittal schedule and shall not unreasonably delay the approved schedule. The Architect's action in reviewing submittals shall be taken in accordance with the approved submittal schedule or, in the absence of an approved

submittal schedule, with reasonable promptness while allowing sufficient time, in the Architect's professional judgment, to permit adequate review.

The Architect shall review and approve, or take other appropriate action upon, the Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. Review of such submittals is not for the purpose of determining the accuracy and completeness of other information such as dimensions, quantities, and installation or performance of equipment or systems, which are the Contractor's responsibility. The Architect's review shall not constitute approval of safety precautions or construction means, methods, techniques, sequences or procedures. The Architect's approval of a specific item shall not indicate approval of an assembly of which the item is a component.

If the Contract Documents specifically require the Contractor to provide professional design services or certifications by a design professional related to systems, materials, or equipment, the Architect shall specify the appropriate performance and design criteria that such services must satisfy. The Architect shall review and take appropriate action on Shop Drawings and other submittals related to the Work designed or certified by the Contractor's design professional, provided the submittals bear such professional's seal and signature when submitted to the Architect. The Architect's review shall be for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. The Architect shall be entitled to rely upon, and shall not be responsible for, the adequacy and accuracy of the services, certifications, and approvals performed or provided by such design professionals.

The Architect shall review and respond to requests for information about the Contract Documents. The Architect shall set forth, in the Contract Documents, the requirements for requests for information. Requests for information shall include, at a minimum, a detailed written statement that indicates the specific Drawings or Specifications in need of clarification and the nature of the clarification requested. The Architect's response to such requests shall be made in writing within any time limits agreed upon, or otherwise with reasonable promptness. If appropriate, the Architect shall prepare and issue supplemental Drawings and Specifications in response to the requests for information.

The Architect shall maintain a record of submittals and copies of submittals supplied by the Contractor in accordance with the requirements of the Contract Documents.

Changes in the Work

The Architect may initiate minor changes in the Work pertaining to their scope that are consistent with the intent of the Contract Documents and do not involve an adjustment in the Contract Sum or an extension of the Contract Time. The Architect shall prepare Change

Orders and Construction Change Directives for the Owner's approval and execution in accordance with the Contract Documents.

The Architect shall maintain records relative to changes in the Work.

Docusign Envelope ID: 595F39FF-6085-4743-8DE4-28FB195858EA



681 Sierra Rose Drive, Suite B | Reno, NV 89511 | p. 775.826.9010 ext. 8816 4601 DTC Boulevard, Suite 740 | Denver, CO 80237 | p. 720.481.3290 pkelectrical.com

Contract Proposal CP25186R

Proposal For From May 8, 2025

James Moore, PE
Parsons Transportation Group
1776 Lincoln Street, Suite 600
Denver, CO 80203
james.moore@parsons.com

Alan Wiskus Principal

Project

City of Aurora East Colfax BRT - #684205

Project Description

East Colfax Avenue Bus Rapid Transit (BRT) project - Aurora Segment, Yosemite St to Colfax Station.

The ADD SERVICE Proposal is to provide a design for a Public Announcement (PA) System at each of the (2) Side Running Landmark Station platforms and (21) Side Running stops.

Scope of Services

PA System design will include:

- Layout of speakers in station canopies.
- Coordination with Architect and RTD.
- Virtual design coordination and review meetings.
- Circuiting / Wiring diagram. Speakers will be connected to Comm Cabinet, patch panels, switches already included in the project.
- The unique Aurora stations each require their own drawing sheet, resulting in a higher design & drafting effort.

Our Design Assumptions and Exclusions:

- Design change will be issued as an NDC on already created / issued drawings for BRT project.
- (2) submittals, a 90% Review and RFC, with review by owners in between.
- PA System Technical Specifications
- Additional DSDC services for submittals review and RFI's relating to PA system.
- All PA system equipment will be specified by RTD

EXCLUDES:

- Acoustic modeling.
- Specifying Programming of PA System
- Testing and Commissioning of System

Fee and Structure		Amount
Task 1 – PA System Design	Time & Expense	32,570.00
Task 2 – PA System DSDC	Time & Expense	5,000.00

Terms and Conditions

Per Original Terms and Conditions.

Authorization and Acceptance

(Acknowledgment of Concurrence with the foregoing)

Total Amount

Alan Wiskus Principal

James Moore, PE Principal Project Engineer Date

\$37,570.00

Project Name City of Denver East Colfax BRT #684205	Date
Firm Name PK Electrical, Inc.	

	Firm Name	Name of Employee	Personnel Classification	Hourly Rate*	Hours	Total (\$)
						\$0.00
						\$0.00 \$0.00
						\$0.00
						\$0.00
Υ	PK Electrical, Inc.		Principal	\$270.00	4	\$1,080.00
Υ	PK Electrical, Inc.		Engineering Manager	\$250.00	55	\$13,750.00
Υ	PK Electrical, Inc.		Electrical Designer	\$190.00	110	\$20,900.00
Υ	PK Electrical, Inc.		TeleComm Manager	\$240.00		\$0.00
Υ	PK Electrical, Inc.		Drafter	\$125.00		\$0.00
Υ	PK Electrical, Inc.		Bookkeeper / Accounting	\$140.00		\$0.00
Υ	PK Electrical, Inc.		Admin	\$115.00	16	\$1,840.00
				,	-	, , ,
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
				CURTOTALC		\$0.00
				SUBTOTALS	Subconsultant(s)	\$0.00 \$37,570.00
Only in	clude "Y" if an LOI was _l	provided for this subco	nsultant in Master Agreement	SUBTOTALS	Subconsultant(s)	
Only inc	clude "Y" if an LOI was _l		nsultant in Master Agreement is Section if % Complete Invoicin		Subconsultant(s)	
Only in	clude "Y" if an LOI was _l			g is Allowed	Subconsultant(s) al Fee (\$) per Milesto	\$37,570.00
* Only in	clude "Y" if an LOI was _l			g is Allowed		\$37,570.00
Only in	clude "Y" if an LOI was _l		is Section if % Complete Invoicin	g is Allowed	al Fee (\$) per Milesto	\$37,570.00
* Only in	clude "Y" if an LOI was		is Section if % Complete Invoicin PA System Design	g is Allowed	al Fee (\$) per Milesto \$32,570.00	\$37,570.00
* Only in	clude "Y" if an LOI was ,		is Section if % Complete Invoicin PA System Design	g is Allowed	al Fee (\$) per Milesto \$32,570.00 \$5,000.00	\$37,570.00
* Only in	clude "Y" if an LOI was _l		is Section if % Complete Invoicin PA System Design	g is Allowed	al Fee (\$) per Milesto \$32,570.00 \$5,000.00 \$0.00	\$37,570.00
* Only in	clude "Y" if an LOI was _l		is Section if % Complete Invoicin PA System Design	g is Allowed	al Fee (\$) per Milesto \$32,570.00 \$5,000.00 \$0.00 \$0.00	\$37,570.00
		Complete Th	is Section if % Complete Invoicin PA System Design PA System DSDC PA System DSDC	g is Allowed	al Fee (\$) per Milesto \$32,570.00 \$5,000.00 \$0.00 \$0.00 \$0.00	\$37,570.00
		Complete Th	is Section if % Complete Invoicin PA System Design PA System DSDC	g is Allowed	\$32,570.00 \$5,000.00 \$0.00 \$0.00 \$0.00 \$0.00	\$37,570.00
Only in	clude "Y" is an LOI was	Complete Th	PA System Design PA System DSDC PA System DSDC Subtotal nsultant in Master Agreement	g is Allowed	\$32,570.00 \$5,000.00 \$0.00 \$0.00 \$0.00 \$0.00	\$37,570.00
Only in	clude "Y" is an LOI was Anticipated Reimburs	Complete Th provided for this subco ables (Receipts are req	PA System Design PA System DSDC PA System DSDC Subtotal nsultant in Master Agreement	g is Allowed	\$32,570.00 \$5,000.00 \$0.00 \$0.00 \$0.00 \$0.00	\$37,570.00
Only in	clude "Y" is an LOI was Anticipated Reimburs: Building Permit Applica	provided for this subco	PA System Design PA System DSDC PA System DSDC Subtotal nsultant in Master Agreement	g is Allowed	\$32,570.00 \$5,000.00 \$0.00 \$0.00 \$0.00 \$0.00	\$37,570.00
^c Only in	clude "Y" is an LOI was Anticipated Reimburs: Building Permit Applica Zoning Permit if necess	provided for this subco	PA System Design PA System DSDC PA System DSDC Subtotal nsultant in Master Agreement	g is Allowed	\$32,570.00 \$5,000.00 \$0.00 \$0.00 \$0.00 \$0.00	\$37,570.00
^c Only in	clude "Y" is an LOI was Anticipated Reimburs: Building Permit Applica Zoning Permit if necess Delivery services durin	provided for this subco	PA System Design PA System DSDC PA System DSDC Subtotal nsultant in Master Agreement	g is Allowed	\$32,570.00 \$5,000.00 \$0.00 \$0.00 \$0.00 \$0.00	\$37,570.00
* Only in	clude "Y" is an LOI was Anticipated Reimburs: Building Permit Applica Zoning Permit if necess Delivery services durin For this Task Order:	provided for this subco ables (Receipts are requation sary g CA	PA System Design PA System DSDC PA System DSDC Subtotal nsultant in Master Agreement	g is Allowed	\$32,570.00 \$5,000.00 \$0.00 \$0.00 \$0.00 \$0.00	\$37,570.00
Only in	clude "Y" is an LOI was Anticipated Reimburs: Building Permit Applica Zoning Permit if necess Delivery services durin	provided for this subco	PA System Design PA System DSDC PA System DSDC Subtotal nsultant in Master Agreement	g is Allowed	\$32,570.00 \$5,000.00 \$0.00 \$0.00 \$0.00 \$0.00	\$37,570.00

Completed By (SIGNATURE):

Rev 03.26.2019

Exhibit B-2

CONSULTANT TEAM MEMBERS

PRIME CONSULTANT: Parsons Transportation Group, Inc.

List <u>ALL</u> potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager).

Title/Classification	Responsibilities	Rate/Hr.
Principal-in-Charge	Project Oversight	\$382.00
SR. Project Manager	Project Oversight	\$344.00
Project Manager	Project Oversight	\$279.00
Deputy Project Manager	Project Oversight	\$224.00
Quality Manager	Quality Assurance	\$266.00
Project Controls	Scheduling and Project Support	\$165.00
SR. Admin	Administration	\$ 110.00
Admin	Administration	\$91.00
Design Manager	Design Oversight	\$256.00
Roadway Lead	Roadway Oversight	\$171.00
Modeling Lead	Modeling/Design Oversight	\$280.00
SR. Modeling/Design	Modeling/Design	\$212.00
Modeling/Design III	Modeling/Design	\$182.00
Modeling/Design II	Modeling/Design	\$154.00
Modeling/Design I	Modeling/Design	\$111.00
Drainage Supervisor	Drainage Oversight	\$271.00
Drainage Lead	Drainage Lead	\$225.00
SR. Drainage	Drainage Design	\$171.00
Drainage III	Drainage Design	\$152.00
Drainage II	Drainage Design	\$123.00
Drainage I	Drainage Design	\$98.00
Landscape Lead	Landscape Architecture	\$204.00

SR. Landscape	Landscape Architecture	\$151.00
Landscape III	Landscape Architecture	\$130.00
Landscape II	Landscape Architecture	\$115.00
Landscape I	Landscape Architecture	\$93.00
SR. Traffic	Traffic Engineering	\$182.00
Traffic III	Traffic Engineering	\$153.00
Traffic II	Traffic Engineering	\$130.00
Traffic I	Traffic Engineering	\$122.00
MOT Lead	Maintenance of Traffic (MOT) Lead	\$258.00
SR. MOT	Maintenance of Traffic (MOT)	\$199.00
MOT III	Maintenance of Traffic (MOT)	\$151.00
MOT II	Maintenance of Traffic (MOT)	\$129.00
мот і	Maintenance of Traffic (MOT)	\$116.00
Structures Supervisor	Structural Oversight	\$244.00
Structures Lead	Structural Oversight	\$202.00
SR. Structures	Structural Design	\$168.00
Structures III	Structural Design	\$153.00
Structures II	Structural Design	\$147.00
Structures I	Structural Design	\$119.00
Safety/Sustainability Lead	Safety/Sustainability Oversight	\$239.00
SR. Safety/Sustainability	Safety/Sustainability	\$196.00
Safety/Sustainability III	Safety/Sustainability	\$179.00
Safety/Sustainability II	Safety/Sustainability	\$129.00
Safety/Sustainability I	Safety/Sustainability	\$138.00
SR. NEPA/Environmental	Environmental Support	\$237.00
	•	· · · · · · · · · · · · · · · · · · ·

NEPA/Environmental Associate	Environmental Support	\$118.00
CADD Lead	Design Support	\$245.00
SR. CADD	Design Support	\$196.00
CADD III	Design Support	\$175.00
CADD II	Design Support	\$135.00
CADD I	Design Support	\$105.00
CADD Associate	Design Support	\$82.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.65

All reimbursable expenses are subject to the review and approval of the City. The additional expenses of the Consultant reimbursable by the City shall include:

- (1) Mileage: Reimbursable at the current IRS Business Rate ONLY when Consultant is required to drive to a project located outside the City and County of Denver Boundary.
- (2) Actual cost of reproducing and printing reports, drawings, specifications and other work products, and the associated cost for shipping and handling. These reimbursable expenses pertain only to requests made to the Consultant from the City, and exclude intra-office printing, scanning and reproduction required by the Consultant to complete the work.
- (3) Actual cost for expendable supplies and services not normally used on a routine or normal basis in an architectural or engineering office (i.e. aerial photography) and which are provided especially under this Agreement for the benefit of the City.

SUB-CONSULTANT TEAM MEMBERS

Firm Name: HCL Engineering & Surveying, LLC

List <u>ALL</u> potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Principal / Director	Directs surveying operations, client coordination	\$235.00
Senior Project Manager	Project Management, responsible for project deliverables	\$195.00
SUE Manager	Manages overall utility and SUE tasks	\$180.00
Project Manager	Provides project supervision	\$175.00
Senior Project Surveyor	Supervise and perform office and/or field survey activities	\$150.00
Project Surveyor	Perform office and/or field survey activities	\$140.00
Senior CAD Technician	Supervise and develop CAD drawings	\$135.00
CAD Technician	Develop CAD drawings	\$ 105.00
Field Coordinator	Supervise field survey activities	\$170.00
Party Chief	Responsible for field calculation and measurement	\$165.00
Instrument Operator	Assist the party chief in obtaining accurate measurements	\$85.00
Utility Locator	Use instruments to locate utilities	\$140.00
UAV Pilot	FAA Part 107 registered pilot for data acquisition	\$135.00
Administrative	Project Administration	\$90.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.86.

All reimbursable expenses are subject to the review and approval of the City. The additional expenses of the Consultant reimbursable by the City shall include:

- (1) Mileage: Reimbursable at the current IRS Business Rate ONLY when Consultant is required to drive to a project located outside the City and County of Denver Boundary.
- (2) Actual cost of reproducing and printing reports, drawings, specifications and other work products, and the associated cost for shipping and handling. These reimbursable expenses pertain only to requests made to the Consultant from the City, and exclude intra-office printing, scanning and reproduction required by the Consultant to complete the work.
- (3) Actual cost for expendable supplies and services not normally used on a routine or normal basis in an architectural or engineering office (i.e. aerial photography) and which are provided especially under this Agreement for the benefit of the City.

SUB-CONSULTANT TEAM MEMBERS

Firm Name: MIG, Inc.

List <u>ALL</u> potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Principal	Overall management; resource allocation; thought leadership; planning and urban design vision; quality assurance and quality control	\$275
Director	Design leadership; planning and urban design vision and execution; client and consultant communications quality assurance and quality control	\$205
Senior Project Manager	Oversee day-to-day scope, budget and schedule; lead communication with other team members; planning and urban design supervision	\$175
Project Manager	Assist with day-to-day project management and coordination; Prepare progress reports and invoices; participate in updates to schedule and development of critical path tasks and milestones	\$150
Senior Project Associate	Lead project tasks with supervision and guidance from Principal and Project Managers	\$125
Project Associate II	Contribute to project tasks with assistance from Associate and Supervision from Senior Project Associates and Project Manage supervision and guidance from Principal and Project Managers	
Project Associate	Contribute to project tasks with assistance from Senior Project Associates and supervision and guidance from Principal and Project Managers	\$90
Civil Engineer	Lead Civil Engineering tasks related to utilities and grading; Provide guidance on details and specs for urban design	\$185
Executive Assistant	Scheduling, invoicing, travel arrangements; copy editing; duplication and scanning	\$115
Project Assistant	Assist with scheduling, invoicing, travel arrangements; copy editing; duplication and scanning	\$105

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.3

The City will not compensate the consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction costs, if requested by the City, shall be reimbursed at actual cost if approved in advance by Project Manager. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproducibles, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

REIMBURSABLE EXPENSES

Sub-Consultant: MIG, Inc.	2.
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The additional expenses of the consultant reimbursable by the City shall include:

- 3. Actual cost of reproduction of drawings and specifications requested by the City.
- 4. Travel/transportation costs shall not be reimbursable by the City for Prime Consultants.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>0.25</u> / each
Copies (8 1/2 x 14")	\$ <u>0.50</u> / each
Red-line copies	\$ <u>1.00</u> / S.F.
Reproducible	\$ N/A/ page

CONSULTANT TEAM MEMBERS

CONSULTANT: PK Electrical, Inc.

List <u>ALL</u> potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager).

Title/Classification	Responsibilities	Rate/Hr.
Principal / Engineer of Record	Oversees entire project, manages clients, provides QA/QC reviews.	\$270.00
Engineering Manager	Engineer in charge of design, standards, requirements, project management staff, and attends client meetings.	\$250.00
Senior Project Engineer	Engineer responsible for technical aspects of project, code reviews, oversees junior engineers and designers.	\$225.00
Senior Project Manager	Assists Project Engineer, manages staff, resources, schedule, budget	\$220.00
Electrical/Technology Designer	Designs low voltage systems, lighting and power systems, edits specifications	\$190.00
Fire Alarm Engineer / Designer	Design of ire alarm, mass notification, v-evac systems, and specifications	\$230.00
Technology Manager	Manages designers and designs for low voltage systems (DATA/voice, A/V, security, CCTV, infrastructure systems)	\$240.00
Bookkeeper / Accounting	Finance accounts manager / bookkeeping	\$140.00
Electrician / Field Technician / Designer	Assists in designs, performs field investigations and site surveys	\$190.00
Production / BIM Manager	Manages production department and staff, assigns work, maintains drafting standards and drafting software	\$160.00
Drafter	Microstation, BIM, CAD drafting and production	\$125.00
Admin	Filing, document control, spec editing, general tasks	\$115.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.6201

All reimbursable expenses are subject to the review and approval of the City. The additional expenses of the Consultant reimbursable by the City shall include:

- (1) Mileage: Reimbursable at the current IRS Business Rate ONLY when Consultant is required to drive to a project located outside the City and County of Denver Boundary.
- (2) Actual cost of reproducing and printing reports, drawings, specifications and other work products, and the associated cost for shipping and handling. These reimbursable expenses pertain only to requests made to the Consultant from the City, and exclude intra-office printing, scanning and reproduction required by the Consultant to complete the work.
- (3) Actual cost for expendable supplies and services not normally used on a routine or normal basis in an architectural or engineering office (i.e. aerial photography) and which are provided especially under this Agreement for the benefit of the City.

CONSULTANT TEAM MEMBERS

CONSULTANT: Shannon & Wilson, Inc.

List <u>ALL</u> potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager).

Title/Classification	Responsibilities	Rate/Hr.
Senior Vice President	Principal in Charge, QA/QC	\$340
Vice President	Senior level review	\$290
Senior Associate	Project Management and main contact for CCD. Task Leader for Construction Services. Develop project, cost, schedule and assign tasks, track progress, review submittals, oversee QA/IAT as necessary. Review design plans/specifications for constructability and conformance to building codes.	\$245
Associate	Task Leader for Environmental Services. Assign tasks, track progress, review field screening and analytical test results, review reports.	\$220
Sr. Professional III	Task Leader for Design Services. Review design plans/specifications for constructability and conformance to building codes. Geotechnical engineering design and preparation of reports. Pavement design. Construction observation of drilled caissons and other foundation elements.	\$190
Sr. Professional II	Review design plans/specifications for constructability and conformance to building codes. Geotechnical engineering design and preparation of report. Pavement design. Construction observation of drilled caissons and other foundation elements.	\$175
Sr. Professional I	Review design plans/specifications for constructability and conformance to building codes. Geotechnical engineering design and preparation of report. Pavement design. Construction observation of drilled caissons and other foundation elements.	\$150
Professional IV	Geotechnical Investigations, including soil borings and visual classification of soils. Construction observation of drilled caissons, driven piles, and other foundation elements. Environmental investigations and monitoring.	\$140
Professional III	Geotechnical Investigations, including soil borings and visual classification of soils. Construction observation of drilled caissons, driven piles, and other foundation elements. Environmental investigations and monitoring.	\$130

Geotechnical Investigations, including soil	\$115
borings and visual classification of soils. Construction observation of drilled caissons, driven piles, and other foundation elements. Environmental investigations and monitoring.	
Geotechnical Investigations, including soil borings and visual classification of soils. Construction observation of drilled caissons, driven piles, and other foundation elements. Environmental investigations and monitoring.	\$105
Lead Inspector. Field inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties. QA/QC for conformance of materials, supplies, etc. to contract documents.	\$130
Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties.	\$120
Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties.	\$110
Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties.	\$95
Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties.	\$85
Drafting (CADD/GIS)	\$150
Drafting (CADD/GIS)	\$130
Drafting (CADD/GIS)	\$110
Prepare invoices and compliance reports.	\$140
	borings and visual classification of soils. Construction observation of drilled caissons, driven piles, and other foundation elements. Environmental investigations, including soil borings and visual classification of soils. Construction observation of drilled caissons, driven piles, and other foundation elements. Environmental investigations and monitoring. Lead Inspector. Field inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties. QA/QC for conformance of materials, supplies, etc. to contract documents. Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties. Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties. Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties. Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties. Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties.

Format, print, and assemble technical reports and other deliverables.	\$110
Format, print, and assemble technical reports and other deliverables.	\$95

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.2

All reimbursable expenses are subject to the review and approval of the City. The additional expenses of the Consultant reimbursable by the City shall include:

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- (3) Actual cost for expendable supplies and services not normally used on a routine or normal basis in an architectural or engineering office (i.e. aerial photography) and which are provided especially under this Agreement for the benefit of the City.