ARLINGTON COUNTY, VIRGINIA

AGREEMENT NO. 20-DES-RFP-031 AMENDMENT NUMBER 11

This Amendment Number 11 is made on Sy Gowwand amends Agreement Number 20-DES-RFP-031 ("Main Agreement") dated September 22, 2020 Wetween Stantec Architecture, Inc. ("Contractor") and the County Board of Arlington County, Virginia ("County").

The County and the Contractor agree to amend the Main Agreement as follows:

1. AMEND EXHIBIT E, STANTEC ARCHITECTURE, INC. BEST AND FINAL OFFER, DATED AUGUST 12, 2020, AS FOLLOWS:

The Contract Amount is increased by \$189,964 for additional services to take the Battery Electric Bus (BEB) design from 60% to 100% and design team coordination with a photovoltaic system vendor, in accordance with Stantec's Professional Services Agreement Change Order No. 11 dated January 20, 2023, which is included as an attachment to this Amendment No.11. The total Contract Amount is changed from \$3,877,822 to \$4,067,786.

2. AMEND PARAGRAPH 4. CONTRACT TERM BY EXTENDING THE COMPLETION DATE OF THE CONSTRUCTION DOCUMENT PHASE BY SIX MONTHS AS FOLLOWS:

The completion of the Construction Documents Phase is hereby extended for an additional six months in accordance with Stantec's Professional Services Agreement Change Order No. 11 dated January 20, 2023, which is included as an attachment to this Amendment No.11. The completion date for the Construction Documents Phase is changed from December 30, 2022 to June 30, 2023.

All other terms and conditions of the Main Agreement remain in effect.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON COUNTY, VIRGINIA	STANTEC ARCHITECTURE, INC.
AUTHORIZED SIGNATURE: Docusigned by: Sy Gyduw 27FC198F4A6D475	AUTHORIZED SIGNATURE: DocuSigned by: Lun lunderson 501DBC4788E647D
NAME:Sy Gezachew	NAME: Ken Anderson
TITLE: PROCUREMENT OFFICER	TITLE:Vice President
DATE: 2/23/2023	DATE:



PROFESSIONAL SERVICES AGREEMENT CHANGE ORDER

Change Order # Change Order No. 11 Date 20 January 2023

"Stantec" Stantec Architecture Inc.

Stantec Project # 218320411

3001 Washington Blvd., Suite 500, Arlington, VA 22201

Ph: (703) 485-8547

email: greg.shipley@stantec.com

"Client" Arlington County Government

Client Project # 20-DES--RFP-031

Facilities Design & Construction, 1400 N Uhle St., Suite 403, Arlington, VA 22201

Ph: (703) 228-7887

email: jmir@arlingtonva.us

Project Name and Location: Arlington Transit (ART) Operations and Maintenance Facility at 2629 and 2635

Shirlington Road

In accordance with the original Professional Services Agreement dated 22 September 2020 and Change Orders thereto, the Agreement changes as detailed below are hereby authorized.

Arlington County has requested additional services to take the Battery Electric Bus (BEB) design from 60% to 100% as well as Design Team coordination with a photovoltaic system vendor who would be contracted through either the County or the General Contractor. Stantec would provide coordination, 100% engineered design, phasing, and construction administration support to accommodate the design and infrastructure required for BEB at the ART Operations and Maintenance Facility (AOMF) project. In addition, the Stantec team will coordinate with the photovoltaic system vendor for conduit, site routing, and impact on the LEED scorecard.

Architectural: Management of the Design team as single point-of-contact. Coordination of design with Turner. Delivery of architectural construction documentation.

Charging Infrastructure: Design, specify, and configure the BEB-charging system.

- a. coordinate specific charger power requirements on a per-bus and per-fleet basis as defined by chargerenergy modeling
- b. finalize charger-system power
- c. coordinate and validate electrical loads for charging system with energy modeling and electrical engineer, as required to meet bus-charging parameters and available utility power
- d. finalize layout and location of charging equipment (charger cabinets and dispensers) with architect and electrical engineer, including impacts to vehicle circulation and impact protection
- e. finalize charger-system drawings including block-wiring diagram, charger-equipment plan and charger-equipment elevations; coordinate with electrical engineer as required

Electrical: Perform load calculations and design for new main feed switchgear and service subpanels. Coordinate BEB transformer size and location with Dominion Energy. The Team will confirm the load analysis for how many buses can be simultaneously charged with existing power feeder line. Design of standby generator sized for initial 15 bus charging with space reserved for additional generators for full buildout. Evaluate power in the maintenance bays. Evaluate increased bus battery sizes on the electrical load requirements.

Develop Power Plan drawings depicting:

- a. finalize BEB feeder switchgear and subfeeder switchboards serving the BEB chargers
- b. finalize feeders from the new Dominion Energy service point to the new main switchgear
- c. finalize feeder(s) from new switchgear to the new switchboards and new subpanels
- d. finalize circuits from new subpanels to new power cabinets



PROFESSIONAL SERVICES AGREEMENT CHANGE ORDER

- e. finalize circuits from power cabinets to gantry mounted pantographs
- f. finalize maintenance charger and circuit
- g. finalize one line diagram
- h. finalize panelboard schedule
- i. finalize under canopy lighting

Civil (Timmons Group): Revisions to the Civil Engineering Permit Package to incorporate the charging station, duct banks, and other system requirements in the bus yard for permit review and approval. Timmons Group shall coordinate with Dominion Energy.

Electrical (GPI): Electrical design for the lighting circuitry and convenience receptacles for the battery electric bus (BEB) full design. Coordinate with the photovoltaic system vendor for conduit and site routing.

Structural (Ehlert Bryan): Finalize BEB canopy structures over a majority of the bus paring areas to support hung equipment and potentially PV panels on top. The structures are expected to consist of open steel joists on steel framing that cantilevers at each end, supported by cantilevered steel columns on concrete piers. The column supports and provisions for concrete pads and/or striping and bollards to be concealed to allow bus movement.

Sustainability: Analysis of the impact of the BEB power system and associated energy draws on the current LEED scorecard.

Construction Administration: Attendance at meeting associated with BEB design, requests for information, review submittals, conduct a punch list for the project site at the end of construction, generate record drawings based upon contractor redlines.

Total Agreement		\$ 4,067,786.00
Change Order Number	10	\$ 0.00
Change Order Number	9	\$ 137,305.00
Change Order Number	8	\$ 17,415.00
Change Order Number	7	\$ 7,800.00
Change Order Number	6	\$ 30,309.00
Change Order Number	5	\$ 175,935.00
Change Order Number	4	\$ 24,496.00
Change Order Number	3	\$ 46,144.00
Change Order Number	2	\$ 11,868.00
Change Order Number	<u> </u>	\$ 3,162.00
Original agreement amount		\$ 3,423,388.00
Total fees this Change Order		\$ 189,964.00

Effect on Schedule: Stantec is working through permiting to align with the Contractor's schedule.

Payments shall be made in accordance with the original agreement terms. All other items and conditions of the original Agreement shall remain in full force and effect.

Stantec .	Architecture	Inc.
-----------	--------------	------

Arlington County Government

Greg Shipley, AIA, LEED AP BD+C	John Mir
Principal	Project Manager
Print Name and Title	Print Name and Title

Stantec	PROFESSIONAL SERVICES A

PROFESSIONAL SERVICES AGREEMENT CHANGE ORDER

Page 3

Signature	Windlin	Signature
Date Signed:	January 20, 2023	Date Signed:

Fee Proposal

Summary

Date: 1/20/2023

Company: Stantec Architecture, Inc.

Discipline: All Services

LABOR																
		Stantec ct Management architecture)	(Ligi	Stantec hting Design)	(1	Stantec Modeling)	(1	Stantec Electrical)		Stantec ing Equipment)	ICT	Stantec (low-voltage systems)		Stantec stainability)		tal Hours / essional Fee
TASKS	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee
Phase 1																
Task 1: Design (60%)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
Subtotal: Phase 1	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
Phase 2																
Task 2: Design (Final)	120	\$ 20,368.00	29	\$ 4,943.00	20	\$ 3,340.00	171	\$ 29,701.00	81	\$ 14,333.00	7	\$ 1,193.00	58	\$ 8,966.00	486	\$ 82,844.00
Subtotal: Phase 2 (Final)	120	\$ 20,368.00	29	\$ 4,943.00	20	\$ 3,340.00	171	\$ 29,701.00	81	\$ 14,333.00	7	\$ 1,193.00	58	\$ 8,966.00	486	\$ 82,844.00
Phase 3																
Task 3: Permitting	34	\$ 5,666.00	12	\$ 2,028.00	0	\$ -	22	\$ 3,882.00	60	\$ 9,988.00	6	\$ 1,002.00	0	\$ -	134	\$ 22,566.00
Task 4: Construction Admin.	98	\$ 16,610.00	0	\$ -	0	\$ -	32	\$ 6,176.00	64	\$ 11,816.00	0	\$ -	44	\$ 6,772.00	238	\$ 41,374.00
Subtotal: Phase 3 (Permit & CA)	132	\$ 22,276.00	12	\$ 2,028.00	0	\$ -	54	\$ 10,058.00	124	\$ 21,804.00	6	\$ 1,002.00	44	\$ 6,772.00	372	\$ 63,940.00
TOTAL: Phases 1 + 2 + 3	252	\$ 42,644.00	41	\$ 6,971.00	20	\$ 3,340.00	225	\$ 39,759.00	205	\$ 36,137.00	13	\$ 2,195.00	102	\$ 15,738.00	858	\$ 146,784.00

EXPENSES (Phase 3)							
Other		\$	-				
Mileage		\$	-				
Airfare		\$	2,050.00				
Per Diem		\$	980.00				
Car Rental		\$	260.00				
Parking		\$	160.00				
Printing		\$	-				
Postage		\$	-				
Total		\$	3,450.00				

Phase 1: Subconsultants

Firm	Discipline	Fee		
Ehlert Bryan	Structural		\$	
GPI	Bldg MEP		\$	
Timmons Group	Civil		\$	
Phase 1: SUBS \$ -				

Phase 2: Subconsultants

Firm	Discipline		Fee	e
Ehlert Bryan	Structural		\$	16,000.00
GPI	Bldg MEP		\$	2,400.00
Timmons Group	Civil		\$	5,000.00
RAMCO of Virginia	Permitting		\$	
	\$	23,400.00		

Phase 3: Subconsultants

Firm	Discipline		Fee	
Ehlert Bryan	Structural		\$	5,200.00
GPI	Bldg MEP		\$	1,500.00
Timmons Group	Civil		\$	3,630.00
RAMCO of Virginia	Permitting		\$	6,000.00
	\$	16,330.00		

TOTAL: Subconsultants (Phase 1 + Phase 2 + Phase 3)

Firm	Discipline	Fe	e
Ehlert Bryan	Structural	\$	21,200.00
GPI	Bldg MEP	\$	3,900.00
Timmons Group	Civil	\$	8,630.00
RAMCO of Virginia	Permitting	\$	6,000.00
TOTAL:	SUBS (Phase 2 + Phase 3)	\$	39,730.00

PHASE 1 (Modeling and Design to 60%)

TEAM STN FEE TOTAL:	\$ -
SUBCONSULTANT TOTAL:	\$ -
EXPENSES:	\$
SUBTOTAL PHASE 1 FEE:	\$ -

PHASE 2 (Final Design)

SUBTOTAL PHASE 2 FEE:	\$ 106,244.00
EXPENSES:	\$ -
SUBCONSULTANT TOTAL:	\$ 23,400.00
TEAM STN FEE TOTAL:	\$ 82,844.00

PHASE 3 (Permitting and Constr. Admin.)

SUBTOTAL PHASE 2 FEE:	\$ 83,720.00
EXPENSES:	\$ 3,450.00
SUBCONSULTANT TOTAL:	\$ 16,330.00
TEAM STN FEE TOTAL:	\$ 63,940.00

TOTAL (PHASE 1 + PHASE 2 + PHASE 3)

TOTAL FEE:	\$ 189,964.00
EXPENSES:	\$ 3,450.00
SUBCONSULTANT TOTAL:	\$ 39,730.00
TEAM STN FEE TOTAL:	\$ 146,784.00

Fee Proposal

Summary

Date: 1/20/2023

Company: Stantec Architecture, Inc.

Discipline: Project Management & Architecture

LABOR	Prin	cipa	l-In-Charge	Pro	t Manager		chitect	PM A	Assist	ant Admin	Total Hours / Professional Fee				
	Level	Level 17 Le		Level	Level 14		Level	13		3 Level		8			
	Rate	\$	229.00	Rate	\$	173.00	Rate	\$	167.00	Rate	\$	127.00			
TASKS	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee
Task 1: Design (60%)	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-
Task 2: Design (Final)	4	\$	916.00	40	\$	6,920.00	72	\$	12,024.00	4	\$	508.00	120	\$	20,368.00
Task 3: Permitting	2	\$	458.00	4	\$	692.00	24	\$	4,008.00	4	\$	508.00	34	\$	5,666.00
Task 4: Construction Admin.	4	\$	916.00	26	\$	4,498.00	64	\$	10,688.00	4	\$	508.00	98	\$	16,610.00
_	10	\$	2,290.00	70	\$	12,110.00	160	\$	26,720.00	12	\$	1,524.00	252	\$	42,644.00

EXPENSES		
Other	\$	-
Mileage	\$	-
Airfare	\$	-
Per Diem	\$	-
Car Rental	\$	-
Parking	\$	-
Printing	\$	-
Postage	\$	-
Total	\$	-

\$ 42,644.00

Fee Proposal

Summary

Date: 1/20/2023

Company: Stantec Architecture, Inc.

Discipline: Lighting Design

LABOR	Lig	Lighting Principal			Sr. Lighting Designer			Lighting Designer			htir	ng Designer		QA	/QC	Total Hours / Professional Fee		
	Level		16	Level		14	Level		13	Level		10	Level		15			
	Rate	\$	219.00	Rate	\$	173.00	Rate	\$	167.00	Rate	\$	143.00	Rate	\$	191.00			
TASKS	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee	Hours	Fee	
Task 1: Design (60%)	0	\$	-	0	\$	-	0	\$	-		\$	-		\$	-	0	\$ -	
Task 2: Design (Final)	1	\$	219.00	8	\$	1,384.00	16	\$	2,672.00	4	\$	668.00		\$	-	29	\$ 4,943.00	
Task 3: Permitting		\$	-	4	\$	692.00	8	\$	1,336.00		\$	-		\$	-	12	\$ 2,028.00	
Task 4: Construction Admin.		\$	-		\$	-		\$	-		\$	-		\$	-	0	\$ -	
	1	\$	219.00	12	\$	2,076.00	24	\$	4,008.00	4	\$	668.00	0	\$	-	41	\$ 6,971.00	

EXPENSES		
Other	\$	-
Mileage	\$	-
Airfare	\$	-
Per Diem	\$	-
Car Rental	\$	-
Parking	\$	-
Printing	\$	-
Postage	\$	-
Total	\$	-

\$ 6,971.00

Fee Proposal

Summary

Date: 1/20/2023

Company: Stantec Architecture, Inc.

Discipline: BEB Modeling

LABOR		visory Team Verbich	Z	Specialist			it Advisory nsultant				otal Hofessio	ours / onal Fee	
	Level	13	Level	Level 13 L				10	Level				
	Rate	\$ 167.00	Rate	\$	167.00	Rate	\$	143.00	Rate				
TASKS	Hours	Fee	Hours		Fee	Hours		Fee	Hours	Fee	Hours		Fee
Task 1: Design (60%)	0	\$ -	0	\$	-	0	\$	-		\$ -	0	\$	-
Task 2: Design (Final)		\$ -	20	\$	3,340.00		\$	-		\$ -	20	\$	3,340.00
Task 3: Permitting		\$ -		\$	-		\$	-		\$ -	0	\$	-
Task 4: Construction Admin.		\$ -		\$	-		\$	-		\$ -	0	\$	-
	0	\$ -	20	\$	3,340.00	0	\$	-	0	\$ -	20	\$	3,340.00

EXPENSES		
Other	\$	-
Mileage	\$	-
Airfare	\$	-
Per Diem	\$	-
Car Rental	\$	-
Parking	\$	-
Printing	\$	-
Postage	\$	-
Total	\$	-

\$ 3,340.00

Fee Proposal

Summary

Date: 1/20/2023

Company: Stantec Architecture, Inc.
Discipline: Electrical Engineering

LABOR	Elec	trical F	Principal	Elec	ctrica	al Engineer	Senior	Elec	ctrical Designer	Ad	min As	sistant	Total Hours / Professional Fee		
	Level		16	Level		13	Level		10	Level		8			
	Rate	\$	219.00	Rate	\$	167.00	Rate	\$	143.00	Rate \$ 127.00					
TASKS	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee	Hours	Fee	
Task 1: Design (60%)	0	\$	-	0	\$	-	0	\$	-		\$	-	0	\$ -	
Task 2: Design (Final)	22	\$	4,818.00	84	\$	14,028.00	65	\$	10,855.00		\$	-	171	\$ 29,701.00	
Design Development	4	\$	876.00	8	\$	1,336.00	15	\$	2,505.00		\$	-	27	\$ 4,717.00	
Utility Coordination	4	\$	876.00	4	\$	668.00	4	\$	668.00		\$	-	12	\$ 2,212.00	
BEB charging single line	2	\$	438.00	8	\$	1,336.00	4	\$	668.00		\$	-	14	\$ 2,442.00	
MV Switchboard design	2	\$	438.00	8	\$	1,336.00	4	\$	668.00		\$	-	14	\$ 2,442.00	
Power Distribution design	2	\$	438.00	8	\$	1,336.00	4	\$	668.00		\$	-	14	\$ 2,442.00	
Charger System Interface	2	\$	438.00	8	\$	1,336.00	4	\$	668.00		\$	-	14	\$ 2,442.00	
Generator Design	2	\$	438.00	16	\$	2,672.00	20	\$	3,340.00		\$	-	38	\$ 6,450.00	
Electrical details	2	\$	438.00	16	\$	2,672.00	6	\$	1,002.00		\$	-	24	\$ 4,112.00	
Arc Flash study	2	\$	438.00	8	\$	1,336.00	4	\$	668.00		\$	-	14	\$ 2,442.00	
Task 3: Permitting	4	\$	876.00	8	\$	1,336.00	10	\$	1,670.00		\$	=	22	\$ 3,882.00	
Task 4: Construction Admin.	16	\$	3,504.00	8	\$	1,336.00	8	\$	1,336.00		\$	=	32	\$ 6,176.00	
	42	\$	9,198.00	100	\$	16,700.00	83	\$	13,861.00	0	\$	-	225	\$ 39,759.00	

EXPENSES		
Other	\$	-
Mileage	\$	-
Airfare	\$	750.00
Per Diem	\$	250.00
Car Rental	\$	100.00
Parking	\$	40.00
Printing	\$	-
Postage	\$	-
Total	\$	1,140.00

\$ 40,899.00

Fee Proposal

Summary

Date: 1/20/2023

Company: Stantec Architecture, Inc.
Discipline: Charging Equipment

LABOR	P	Principal (RG)			Project Engineer (FF)			BIM/Designer (RK)			Ad	min	Total Hours / Professional Fee		
	Level	evel 17 Lev		Level		14	Level 10 l		Level		8	8			
	Rate	\$	229.00	Rate	\$	173.00	Rate	\$	143.00	Rate	\$	127.00			
TASKS	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee
Task 1: Design (60%)	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-
Task 2: Design (Final)	24	\$	5,496.00	25	\$	4,325.00	28	\$	4,004.00	4	\$	508.00	81	\$	14,333.00
Task 3: Permitting	8	\$	1,832.00	24	\$	4,152.00	28	\$	4,004.00		\$	-	60	\$	9,988.00
Task 4: Construction Admin.	24	\$	5,496.00	20	\$	3,460.00	20	\$	2,860.00		\$	-	64	\$	11,816.00
	56	\$	12,824.00	69	\$	11,937.00	76	\$	10,868.00	4	\$	508.00	205	\$	36,137.00

EXPENSES		
Other	\$	-
Mileage	\$	-
Airfare	\$	1,300.00
Per Diem	\$	730.00
Car Rental	\$	160.00
Parking	\$	120.00
Printing	\$	-
Postage	\$	-
Total	\$	2,310.00

\$ 38,447.00

Fee Proposal

Summary

Date: 1/20/2023

Company: Stantec Architecture, Inc. Discipline: ICT (low-voltage systems)

LABOR		ICT PM			ICT PM			ICT Designer			Admin				lours / onal Fee
	Level	evel 16 Lev		Level		15	Level		13	Level		8			
	Rate	\$	219.00	Rate	\$	191.00	Rate	\$	167.00	Rate	\$	127.00			
TASKS	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee
Task 1: Design (60%)		\$	-		\$	-	0	\$	-		\$	-	0	\$	-
Task 2: Design (Final)		\$	-	1	\$	191.00	6	\$	1,002.00		\$	-	7	\$	1,193.00
Task 3: Permitting		\$	-		\$	-	6	\$	1,002.00		\$	-	6	\$	1,002.00
Task 4: Construction Admin.		\$	-		\$	-		\$	-		\$	-	0	\$	-
	0	\$	-	1	\$	191.00	12	\$	2,004.00	0	\$	-	13	\$	2,195.00

EXPENSES		
Other	\$	-
Mileage	\$	-
Airfare	\$	-
Per Diem	\$	-
Car Rental	\$	-
Parking	\$	-
Printing	\$	-
Postage	\$	-
Total	\$	-

\$ 2,195.00

Fee Proposal

Summary

Date: 1/20/2023

Company: Stantec Architecture, Inc.

Discipline: Sustainability

LABOR	Sustai	Sustainability Principal			Sustainability Lead			PV Support			lmin /	Assistant	Total Hours / Professional Fee		
	Level	evel 15 Leve		Level	evel 13 Lo		Level 13 L		3 Level		8				
	Rate	\$	191.00	Rate	\$	167.00	Rate	\$	143.00	Rate	\$	127.00			
TASKS	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee	Hours		Fee
Task 1: Design (60%)	0	\$	-	0	\$	-		\$	-	0	\$	-	0	\$	-
Task 2: Design (Final)	2	\$	382.00	24	\$	4,008.00	32	\$	4,576.00		\$	-	58	\$	8,966.00
Task 3: Permitting		\$	-		\$	-		\$	-		\$	-	0	\$	-
Task 4: Construction Admin.		\$	-	20	\$	3,340.00	24	\$	3,432.00		\$	-	44	\$	6,772.00
	2	\$	382.00	44	\$	7,348.00	56	\$	8,008.00	0	\$	-	102	\$	15,738.00

EXPENSES		
Other	\$	-
Mileage	\$	-
Airfare	\$	-
Per Diem	\$	-
Car Rental	\$	-
Parking	\$	-
Printing	\$	-
Postage	\$	-
Total	\$	-

\$ 15,738.00



Authorization for ADDITIONAL Professional Services

Arlington County Transit (ART) Operations and Maintenance Project:

Proposal No.: 2019PS209 R2 AS5

Facility: BEB Final Design

Stantec Client:

Project No.:

2020307.00

Contact: Greg Shipley, AIA, LEED AP BD+C

Date:

01.19.2023

From: Doug Brenner, PE

No. of Pages:

1

Greenman-Pedersen, Inc. (GPI) is submitting for your confirmation a request for additional services for the above referenced project. All Terms and Conditions stipulated in the original contract 2019PS209R2, dated 07.23.2020 will apply to this change.

GPI will provide the following additional services:

- Provide design from 60% through 100% and construction administration services
- Update design to accommodate changes to the canopy and equipment layout
- Electrical design for the lighting circuitry and convenience receptacles for the battery electric bus (BEB) full design.
- Coordinate with photovoltaic system vendor (conduit & site routing)
- Attend virtual meetings/reviews

Compensation:

Based upon the above additional services and the original contract, we propose a lump sum fee of:

\$3,900.00

For Greenman-Pedersen, Inc.:

We trust this agreement meets with your approval. Please indicate your acceptance by signing below and returning a copy of this Agreement. Work will proceed only after the receipt of the signed agreement. Through their signature, the client declares that they understand the enclosed Terms and Conditions and has discussed with GPI any or all details that might be unclear.

Sincerely,

DeBune	01.19.2023		
Doug Brenner, PE Senior Mechanical Engineer 8001 Braddock Road, Suite 200 Springfield, VA 22151	Date	Accepted by an Authorized Agent, Principal or Owner	Date
703.978.0100		Printed Name	
		Client Project Number	

For Client:

Project: ART Bus O&M - AS5 Professional Services Fee Proposal MEP 1.19.22



			P	roject	,	Senior							
Task / Hours	P	rincipal		nager	Е	ngineer	Enginee	r	CAD	Adminis	strative	Total Hours	Total Fee
Construction Documents (100%)													
Construction Documents (10070)												0	\$
Electrical plans, calcs						16						16	\$ 2,400.80
												0	\$ -
												0	\$ -
												0	\$ -
												0	\$ -
Construction Administration						10						10	\$ 1,500.50
Total													\$ 3,901.30
Total Hours		0		0		26	0		0	0			
Rates	\$	191.71	\$	170.98	\$	150.05	\$ 128	.41	\$ 96.31	\$	69.79		
Total Fee	\$	-	\$	-	\$	3,901	\$	-	\$ -	\$	-		



AGREEMENT FOR ADDITIONAL SERVICES

Date: January 17, 2023

Client: Stantec Architecture

3001 Washington Boulevard, Suite 500

Arlington, VA 22201 Mr. Greg Shipley, AIA

Project Name/Location: ART – BEB Canopy Structures – Design and CA Completion

EB#: 2097001.C0.V

This is to confirm our recent discussion or direction on this project.

Description of Additional Services:

At the time of this proposal, the BEB Canopy design is 60% complete. The fee associated with this proposal includes the final coordination with the other design teams, finishing the structural detailing, and incorporating comments from the Owner. Also, it includes the construction administration fee from contract number 2097001.A0.V (which will be voided from 2097001.A0.V).

Fees:

Attn:

Design Drawings (60% to 100%)	\$8,200
Gantry Frames (Design and CA)	\$7,800
Construction Administration	<u>\$5,200</u>
Total	\$21,200

We have received verbal authorization to proceed:

By: Greg Shipley Date: 01/17/2022

We have commenced work based on this verbal authorization. Please execute and return this agreement.

This Additional Services Agreement is an addendum to our original Agreement and is subject to the Standard Terms and Conditions contained therein.

Wayne C. Bryan, PE | Thomas A. Bouffard, PE | Jason B. Sparrow, PE, SE | Alexander P. Salmin, PE William R. McLain, PE | Benjamin T. Gunden, PE, SE

Offered by:	Accepted by:	
Ehlert Bryan Consulting Engineers		
	(client)	
Andrew T. Schon, PE	(signature)	(date)
	(printed name/title)	CF6-12/14

ART Operations and Maintenance Fac	cility									
ADDITIONAL SERVICES - Canopy										
D. Mar Pillar Date	Principal	Senior Project Manager	Project Manager	Assistant Project Manager	Design Engineer	Senior BIM Technician	BIM Technician	Clerical		
Position Billing Rate	\$ 260.00	\$ 210.00		\$ 165.00	\$ 150.00	\$ 150.00	\$ 125.00	\$ 105.00		
									TOTAL	TOTAL
DED CANODY COMPLETION	2		22		0	16			Hours	\$/Phase
BEB CANOPY - COMPLETION	Φ 52 0.00	Φ0.00	22	Φ0.00	9	16		Φ0.00	49	00.220
	\$520.00	\$0.00	\$3,960.00	\$0.00	\$1,350.00	\$2,400.00	\$0.00	\$0.00		\$8,230
GANTRY FRAMES	2		22		9	13			46	
	\$520.00	\$0.00	\$3,960.00	\$0.00	\$1,350.00	\$1,950.00	\$0.00	\$0.00		\$7,780
BEB CANOPY STRUCTURES CA	2		16		12				30	
	\$520.00	\$0.00	\$2,880.00	\$0.00	\$1,800.00	\$0.00	\$0.00	\$0.00		\$5,200
										1
TOTALS									125	\$21,210



20110 Ashbrook Place Suite 100 Ashburn, VA 20147 P 703.726.1342 F 703.726.1345 www.timmons.com

ADDITIONAL SERVICE NO. 4

Client: Stantec Date: December 6, 2022
Contact: Greg Shipley Project Manager: Osvaldo Ramos
Phone No: 703.485.8547 Phone No.: 703.554.6719

Phone No: 703.861.8632 E-mail: osvaldo.ramos@timmons.com

E-mail: greg.shipley@stantec.com Project: 47032 AOMF

Description: BEB Final Design

Timmons Group (TG) has prepared this additional service proposal at the request of the Client. The additional service is required for coordination, planning, and final site plan design to accommodate the infrastructure required for battery electric buses.

Task E36: Final BEB Design, Permitting & CA

TG will work with Stantec and the project design team to develop the final BEB design demonstrating:

- the number and location of simultaneous charging stations to be supported.
- Final duct bank layout from charging infrastructure to bus charging locations.
- Locations for transformer(s), generator, and switchgear with least reduction of ART bus parking areas.

The final design(s) will be guided by the required design parameters of the charging station system as prepared by the project electrical engineer and architect.

TG shall then coordinate with Dominion Energy on the phase 2 for the BEB design (if required) and revise the approved Civil Engineering Permit Package to incorporate the charging station, duct banks and other system requirements in the bus yard for permit review. Also, any other revisions to utilities as needed for the revised bus yard layout. The updated CEP will then be submitted to Arlington County Department of Environmental Services and Development Services Division.

TG shall utilize the permit Arlington – ePlan process to submit plans for review and permit issuance and shall manage the site plan permitting for the project. This task includes the site plan submissions, comment review & responses and resubmissions until plan approval. All fees to be paid by Owner.

TG shall also provided construction administration and coordination with the contractor with construction related to the BEB and associated impacts to other site related activities.



20110 Ashbrook Place Suite 100 Ashburn, VA 20147

P 703.726.1342 F 703.726.1345 www.timmons.com

ADDITIONAL SERVICE NO. 4

Arlington Regional Transit (ART)							
Operations and Maintenance Facility		<u>Principal</u>	<u>PM</u>	PE3	<u>PEI</u>	CA	
Add Service #4 - BEB Final Design			<u>210</u>	<u>175</u>	<u>130</u>	<u>105</u>	120
Add Service 4		Fee					
TASK	Underground UGP and UGT						
E36	BEB Design, Permitting & CA	\$8,630		8	24	30	8
	Sub Total	\$8,630					

PLEASE SIGN BELOW TO INDICATE YOUR APPROVAL AND RETURN WITHIN SEVEN (7) DAYS SUCH THAT THIS CHANGE ORDER MAY BE INCORPORATED INTO THE PROJECT WITHOUT DELAYING THE SCHEDULE AS NOTED ABOVE. PLEASE KEEP A COPY FOR YOUR RECORDS.

		Kamos	12/06/2022
CLIENT	Date	Timmons Group	Date



Regulatory Administrative Management Company

Specialist in Commercial & Residential Permit Processing

January 13, 2023

Greg Shipley, AIA, LEED, AP, BD+C Senior Associate, Senior Project Manager 3001 Washington Blvd. #500 Arlington, VA 22201

RE: ART Battery Electric

Bus Canopy Arlington, VA

Dear Greg:

The following is a proposal for the above referenced project. It is my understanding that you will require a building permit to construct a building 'canopy' for the fleet of ART buses on the new ART Operations and Maintenance Facility site.

Please keep in mind that these are RAMCO of Virginia, LLC's service fees that you, as the client, are responsible for all Arlington County permit fees.

We appreciate your business and understand the timeliness of your project. We will do our best to assure prompt and responsive service. Thank you for your consideration.

If you have any questions, please call me at 703-928-1326. I look forward to working with you.

Sincerely,

Betsy Stagg
Betsy Stagg
Vice President

RAMCO of Virginia, LLC 3900 Jermantown Road, #300 Fairfax, VA 22030 703-934-4606 www.ramcova.com



Regulatory Administrative Management Company

Specialist in Commercial & Residential Permit Processing

PROPOSAL – ART Bus Canopy

RAMCO of Virginia, LLC will:

- 1. Complete the necessary applications and online paperwork;
- 2. Submit electronic plans to the required departments for plan review;
- 3. Obtain and email comments to the appropriate individuals for corrections;
- 4. Submit all changes electronically to all necessary departments;
- 5. Virtually attend all meetings and/or conference calls;
- 6. Advise you as to the fees that you should anticipate from Arlington County.
- 7. Facilitate your permit through the process as efficiently as possible;
- 8. Pull and obtain your permit.

All work done by RAMCO of Virginia, LLC is on a "best efforts" basis only. No other guarantees are implied. Work is deemed complete with written notification that the review process is complete and only County fees remain.

RAMCO of Virginia, LLC's Service Fees:

Building Permit for Bus Canopy	\$ 2,500.00
Revisions/Responses to Building Permit Comments 5 @ \$300 Each	\$ 1,500.00
Revisions to Issued Building Permit Set 5 @ \$400 Each	\$ 2,000.00

RAMCO of Virginia, LLC 3900 Jermantown Road, #300 Fairfax, VA 22030 703-934-4606 www.ramcova.com



Regulatory Administrative Management Company

Specialist in Commercial & Residential Permit Processing

PROPOSAL – ART Bus Canopy

Any permits not listed above but requested by the client will be billed at RAMCO of Virginia, LLC's hourly rate of \$150.00 (Two hour minimum).

All jurisdictional fees are the responsibility of the client. Any fees paid by RAMCO of Virginia, LLC. will be reimbursed when invoiced. If fees paid are over \$400.00, RAMCO will charge a 10% processing fee.

Payment of services is due within 30 days of receipt of RAMCO's invoice.

Confidentiality Notice:

This proposal is intended for the exclusive use of the individual and/or company to which it is addressed. This proposal is valid up to sixty (60) days. If plans are not received for submission after 60 days, a new proposal will be required.

Submitted by:	Betsy Stagg	Date: 5-25-22	
	Betsy Stagg		
Accepted by:		Date:	

RAMCO of Virginia, LLC 3900 Jermantown Road, #300 Fairfax, VA 22030 703-934-4606 www.ramcova.com

Appendix A – Breakdown Costs & Rates

Building Permit for ART Canopy

\$ 2,500.00

Staff: Permit Expeditor

Rate: \$125/hr Hours: 20 Total: \$2,500

County Comment Responses

\$ 1,500.00

Staff: Permit Expeditor

Rate: \$125/hr Hours: 12 Total: \$1,500

Permit Revisions

\$ 2,000.00

Staff: Permit Expeditor

Rate: \$125/hr

Hours: 16 Total: \$2,000