

**ARLINGTON COUNTY, VIRGINIA**

**AGREEMENT NO. 16-133-E  
AMENDMENT NUMBER 12**

This Amendment Number 12 is made on 1/25/2023 by the County and amends Agreement Number 16-133-RFP-E ("Main Agreement") dated April 15, 2016 between STV Incorporated ("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 PARAGRAPH 4. CONTRACT TERM BY EXTENDING THE COMPLETION DATE OF THE CONSTRUCTION ADMINISTRATION (CA)/MANAGEMENT PHASE THROUGH CONSTRUCTION COMPLETION AS FOLLOWS:**

The continuation of the CA services is hereby extended until the construction work reaches final completion, in accordance with STV's Professional Services Agreement proposal dated October 11, 2022, which is included as an attachment to this Amendment No. 12.

**2. ATTACHMENT A, SCOPE OF SERVICES is hereby revised to include the following:**

Revisions to a previous mechanical design involving specification of readily available air handling and condenser units and component sizing. The substitution unit has differing engineering loads and dimensions than those of the previously approved models. In addition, the size and location of the proposed equipment requires the review of connectivity, building elements, elevations and system conflicts. The contractor shall re-design the system within four weeks from the execution of this Agreement per the attached Change Order 10 – Supplemental Design Services.

**3. ATTACHMENT B, CONTRACT PRICE SCHEDULE – REVISION 5:**


The Contract Amount is increased by \$234,711.04 in accordance with STV's Professional Services Agreement proposal dated October 11, 2022 and CO-10 Rev. 2 dated October 15, 2022, which is included as attachments to this Amendment No. 12. The total not-to-exceed Contract Amount changed from \$1,095,743.24 to \$1,330,454.28. The hourly rates are hereby revised as a result of this increase. The new hourly rate sheet which is included as an attachment to this Amendment No.12 shall take effect on January 1, 2023.

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

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON  
COUNTY, VIRGINIA

STV INCORPORATED

AUTHORIZED:   
SIGNATURE: \_\_\_\_\_

AUTHORIZED:   
SIGNATURE: \_\_\_\_\_

NAME: Sy Gezachew

NAME: Jose Bustamante

TITLE: PROCUREMENT OFFICER

TITLE: Vice President, Mid-Atlantic Regional Manager

DATE: 1/25/2023

DATE: 1/25/2023



Oct 11, 2022

Ms. Azar Jaymand  
Arlington County  
Department of Environmental Services  
Facilities Design and Construction  
1400 North Uhle Street, Suite 403  
Arlington, Virginia 22201

RE: 16-133-E Pentagon City Elevator – Project Duration and Cost for Completion

Ms. Jaymand,

The projected STV support costs for completion of the Pentagon City Elevator project are attached to this correspondence. Please note, the increased assumed level of effort is driven by the following reasons:

- The project duration has lasted longer than anticipated and costs extend to the current substantial completion date of March 2023 and includes an additional four months for closeout procedures. STV's level of effort far exceeds what was originally anticipated. At this time extended efforts have included several same topic discussions for resolution of outstanding issues, numerous discussions with the contractor to provide guidance to complete required submittals, multiple reviews of submittals and product research for the contractor's procurement.
- The project's delivery is a combined effort with WMATA, STV and Arlington County, their management, engineering, and subject matter experts. STV is utilizing staff with higher billing rates rather than corresponding rates of the contract's original terms of Agreement.
- Poor contractor performance, Covid interruptions, subsequent supply chain issues resulting in extended lead times for materials have also contributed to the extension. In addition, the project design was completed in 2017, advancement in technologies specified for portions of the work have created a gap in earlier specified materials and equipment that is no longer compatible with today's standards. Essentially, components associated with the design have become obsolete.

STV will continue to be mindful with time needed for reviews and other project activities, while performing due diligence to ensure delivery of a successful, complete project. We will continue to work with Arlington County and WMATA to guide and manage the contractor to project completion.

If you have any questions or concerns, please contact us.  
Sincerely,

Laura Jeffords

A handwritten signature in black ink that reads "Laura Jeffords". The signature is written in a cursive style with a large initial "L".

Encl: STV Proposal for Project Completion

## Rate and Project Extension Proposal 10-12-2022

## TASK 8000 - Construction Administration

Project #	PLC	Employee	Rate	Add 5% COLA	New Rate	Hours	Mult.	Total
16-133-E		Alexander Joy	\$ 31.25	\$ 1.563	\$ 32.81	380	2.85	\$ 35,535.94
16-133-E		Milad Hallaji	\$ 64.91	\$ 3.246	\$ 68.16	80	2.85	\$ 15,539.45
16-133-E		Albert Ducker	\$ 77.58	\$ 3.88	\$ 81.46	160	2.85	\$ 37,145.30
16-133-E		Laura Jeffords	\$ 88.64	\$ 4.43	\$ 93.07	300	2.85	\$ 79,576.56
16-133-E		John Hopkins	\$ 63.87	\$ 3.19	\$ 67.06	60	2.85	\$ 11,467.86
16-133-E		Peirce Ebert	\$ 44.55	\$ 2.23	\$ 46.78	120	2.85	\$ 15,997.91
16-133-E		Rithvik Boda	\$ 31.25	\$ 1.56	\$ 32.81	40	2.85	\$ 3,740.63
16-133-E		Edward Henninger	\$ 71.16	\$ 3.56	\$ 74.72	40	2.85	\$ 8,517.85
16-133-E		Ivan Mensah	\$ 44.14	\$ 2.21	\$ 46.35	40	2.85	\$ 5,283.56
16-133-E		William Moser	\$ 43.24	\$ 2.16	\$ 45.40	60	2.85	\$ 7,763.74
16-133-E		Mike Hooshangi	\$ 116.23	\$ 5.81	\$ 122.04	16	2.85	\$ 5,565.09
16-133-E		James Parise	\$ 137.11	\$ 6.86	\$ 143.97	8	2.85	\$ 3,282.41
						1304		\$ 229,416.30

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Total \$ 229,416.30

## Assumes:

Multiple Submittal re-reviews  
CA for 8 month duration  
Closeout & Commissioning



October 15, 2022

Arlington County  
Department of Environmental Services  
Facilities Design and Construction  
1400 North Uhle Street, Suite 403  
Arlington, Virginia 22201

Attn: Azar Jaymand

Dear Ms. Jaymand,

RE: Arlington County No. MA31 – Pentagon City Metro Station Second Elevator  
Pending Change Order Request 10:  
Task 8: CA - Supplemental Design Services for Mechanical System Substitution #2

To satisfy WMATA's new climate control requirements for elevator machine rooms and the unique constraints at the project site, an air conditioning system with an outdoor condensing unit was required for the Pentagon City Metro Station Second Elevator project.

Upon review and comment from WMATA, the end user, it was requested that a smaller unit be installed in lieu of the previously approved version.

Restoration of the mechanical design involves specification of readily available air handling and condenser units. These updated units have differing engineering loads than those of the older models. In addition, the size and location of the proposed equipment requires the review of connectivity, building elements, access, and system conflicts.

We request that Arlington County please provide the STV team with a change order to the sum of \$5294.74 to cover the additional effort to restore and update the HVAC systems as previously submitted in STV's Addendum 1 Design Submission which was reviewed and approved by WMATA and Arlington County.

The STV team appreciates the opportunity provide these additional services for Arlington County. Please don't hesitate to call if there are any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "José Bustamante".

José Bustamante,  
Sr. Vice President

Encl: STV Proposal for PCO-10 Revision 0

ARLINGTON COUNTY, VA  
PENTAGON CITY METRO STATION SECOND ELEVATOR PROJECT (MA-31)

STV Incorporated  
STV PROJECT NO. 4018669

**ADDITIONAL SERVICES AUTHORIZATION**  
**PCO-10 Revision 2**

**TASK 8.1: SUPPLEMENTAL DESIGN SERVICES FOR RESTORATION AND UPDATE OF MECHANICAL SYSTEMS DESIGN**

**DESCRIPTION:**

Revisions to a previous mechanical design involving specification of readily available air handling and condenser units and component sizing. The substitution unit has differing engineering loads and dimensions than those of the previously approved models. In addition, the size and location of the proposed equipment requires the review of connectivity, building elements, elevations and system conflicts.

**ESTIMATED COST:**

**LABOR:**

<u>Discipline</u>	<u>Hours</u>		<u>Billing Rate</u>	<u>Unit</u>	<u>Extension</u>
Quality Assurance Manger	0	@	\$278.70	per hour	\$0.00
Principal In Charge	0	@	\$237.72	per hour	\$0.00
Project Manger	6	@	\$200.42	per hour	\$1,202.53
Sr. Architect/Engineer	10	@	\$200.42	per hour	\$2,004.22
Architect/Engineer	0	@	\$135.36	per hour	\$0.00
Technician	24	@	\$87.00	per hour	\$2,087.99
<b>Total Direct Labor</b>	<b>40</b>				<b>\$5,294.74</b>

**EXPENSES:**

Other Direct Costs	\$0.00	
Subtotal	\$0.00	
<b>Total Expenses</b>	<b>\$0.00</b>	<b>\$0.00</b>

**SUBCONSULTANT:**

	\$0.00	
Subtotal	\$0.00	
Markup at 10%	\$0.00	
<b>Total Subconsultants</b>	<b>\$0.00</b>	<b>\$0.00</b>

**TOTAL ESTIMATED COST:**

**\$5,294.74**

FOR STV

Signature

Laura Jeffords

Name

October 15, 2022

Date



# ESTIMATE OF PROFESSIONAL SERVICES

## TASK 8: CA - SUPPLEMENTAL DESIGN SERVICES FOR MECHANICAL SYSTEM SUBSTITUTION

STV Proposal or Job Number: 0061568 Client Job Number 16-133-E  
 Project Description/Location: Pentagon City Metro Station Second Elevator Project  
 Client: Arlington County  
 Design Assumptions:

TASK 8: CA - MECHANICAL SYSTEM SUBSTITUTION  
 Reviewed By/Date: LLJ 10/15/22  
 SL 10/15/22

### Manhours by Classification

Direct Labor Estimate:	QM	PIC	PM	Sr. A/E	A/E	TECH	CR	Total
Concept Development - N/A								-
WMATA selected HVAC Unit - complete			0		0			-
Design Revisions to Accommodate Rooftop Unit								-
Architectural Revisions - A-102,201,301 & 503			2	2		8		12
Structural Revisions - n/a								-
Mechanical Revisions - M-001,101 & 105			2	4		8		14
Electrical Revisions- E-001,101,102 & 601			2	4		8		14
<b>Manhour Totals:</b>	0	0	6	10	0	24	0	<b>40</b>
<b>Hourly Payroll Rate:</b>	\$112.00	\$112.00	\$73.35	\$73.35	\$49.54	\$31.84	\$92.00	
<b>Budgeted Costs:</b>	\$0	\$0	\$440	\$734	\$0	\$764	\$0	

### Other Direct Costs (ODC) Estimate:

	UNITS	UNIT COST	ITEM COST	<b>Summary</b>	
Travel (mileage), per vehicle-mile		\$ 0.540	\$ -	<b>BUDGETED COSTS:</b> \$ 1,937.76 <b>EFFORT MULTIPLIER:</b> 2.7324 <b>BUDGETED EFFORT:</b> \$ 5,294.74  <b>ODC:</b> \$ - <b>ODC MULTIPLIER:</b> 1.00 <b>BUDGETED ODC:</b> \$ -  <b>SUBCONSULTANTS:</b> \$ - <b>SUB MULTIPLIER:</b> 1.00 <b>BUDGETED SUBS:</b> \$ -	
Air Fare, per airline ticket		600.00	-		
Ground Transport, per vehicle-trip		30.00	-		
Meals, per person per day		30.00	-		
Lodging, per room-night		80.00	-		
Photocopies, per copy		0.10	-		
Blackline or Blue-line Prints, per sheet		0.80	-		
Bond or Vellum Reproductions, per sheet		1.00	-		
Mylar Sepias, per sheet		10.00	-		
Photographs, per roll (including development)		12.00	-		
Overnight Postage, per package		20.00	-		
OTHER:		-	-		
OTHER:		-	-		
<b>SUBTOTAL ODC: \$</b>					
<b>SUBCONSULTANTS:</b>					
			ITEM COST		
Cervantes & Associates, P.C. (Survey and Utility Designation)			\$ -	<b>TOTAL:</b> \$ 5,294.74	
DMY Inc. (Geotechnical)			-		
VJ Associates (Estimating & Scheduling)			-		
Van Deusen & Associates (Vertical Transportation)			-		
<b>SUBTOTAL SUBS: \$</b>					

printed: October 25, 2022 03:30 PM