

ARLINGTON COUNTY, VIRGINIA

**AGREEMENT NO. 20-DES-RFP-031
AMENDMENT NUMBER 02**

This **Amendment Number 02** (hereby changed from Modification to Amendment) is made on the **June 8, 2021** by the County and amends **Agreement Number 20-DES-RFP-031** ("Main Agreement") dated **September 22, 2020** between **Stantec Architecture, Inc.** ("Contractor") and the **County Board of Arlington County, Virginia** ("County").

The County and the Contractor agree to amend the main contract as follows:

1. ADD THE FOLLOWING TO EXHIBIT B, SCOPE OF WORK, SECTION A.4.:

The County needs to find a temporary location for 29 ART buses during the construction of the ART Operations and Maintenance Facility in Shirlington. The Contractor shall prepare a test fit plan for Carlin Springs Road and an additional fit-out plan for N. Quincy Street. The Contractor shall attend a meeting (via Microsoft Teams) to review the requested scope, develop up to three (3) test fit options for each site, attend a follow-up review meeting, and perform final refinements of the test fit options.

2. ADD THE FOLLOWING TO EXHIBIT B, SCOPE OF WORK, SECTION B.2.a.iii.:

Due to the changes in the initial concept design and unknown site conditions, four (4) additional borings are required and are hereby authorized as Additional Services. In addition, three (3) of the borings must be extended below the depth provided in Stantec's original proposal.

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

The Contract Amount is increased by \$11,868 for all changes in Amendment 02, in accordance with Stantec's Professional Services Agreement Change Order No. 2 dated June 4, 2021, which is included as an attachment to this Amendment 02.

4. REPLACE PARAGRAPH 8, PAYMENT, IN ITS ENTIRETY AS FOLLOWS:

The Contractor must submit invoices to the County's Project Officer, who will either approve the invoice or require corrections. The County will pay the Contractor within forty-five (45) days after approval of an invoice for completed work which is reasonable and allocable to the Contract. The number of the County Purchase Order pursuant to work has been performed must appear on all invoices.

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

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON

COUNTY, VIRGINIA

AUTHORIZED SIGNATURE: DocuSigned by:
Kaylin Schreiber
2513E5602A3A4DE...

NAME: Kaylin Schreiber

TITLE: Procurement Officer

DATE: 6/7/2021

STANTEC ARCHITECTURE, INC.

AUTHORIZED SIGNATURE: DocuSigned by:
Greg Shipley
66F3D093049A408...

NAME: Greg Shipley

TITLE: Senior Associate, Senior Project Manager

DATE: 6/7/2021



PROFESSIONAL SERVICES AGREEMENT CHANGE ORDER

Change Order # Change Order No. 2 Date 4 June 2021

“Stantec”

Stantec Architecture Inc.

Stantec Project # 218320411

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

Ph: (703) 485-8547

email: greg.shiple@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.

The County requested Stantec develop additional conceptual test fits for temporary parking during construction at the Quincy St. County Facility and the Carlin Springs site. The scope will consist of an initial MS Teams meeting to review the requested scope, development of up to three test fit options, a follow up review meeting, and the final refinement of the test fit options. Exclusions from this proposal include formal construction documents, engineering and traffic analysis/studies, and permitting. Additionally, geotechnical boring scope revisions are needed based on the site and concept layout design for the retaining walls. This will include the following as noted in Terracon's attached proposal: \$5,570.00 for subsurface exploration, laboratory testing, geotechnical consulting and reporting, including a global stability analysis of the proposed site retaining wall in one critical location.

Total fees this Change Order	\$	11,868.00
Original agreement amount	\$	3,423,388.00
CO-01	\$	3,162.00

Total Agreement

\$ 3,438,418.00

Effect on Schedule: No time extension.

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
Senior Associate,
Senior Project Manager

Print Name and Title

John Mir
Project Manager

Print Name and Title



PROFESSIONAL SERVICES AGREEMENT CHANGE ORDER

Signature _____
[Handwritten Signature]

Date Signed: 6/4/2021

Signature _____

Date Signed: _____

ART Operations and Maintenance Facility

Project Planning Fee Spreadsheet

6/4/2021

Stantec Architecture, Inc.

		Stantec Personnel										Totals	
Individual Name		Ken Anderson		Greg Shipley		Gabriel Hohag		Jared Weismantel		Ben Strehlow		Hrs	Cost
Project Role		Principal in Charge		Senior PM		Architect		Sr. Industrial Architect		Industrial Designer			
Billing Level		Level 17		Level 14		Level 13		Level 14		Level 8			
		\$229		\$173		\$167		\$173		\$127			
stage duration (weeks)													
Mod. Req. 2 - Temp Parking Test Fits	2												
MEETINGS (TOTAL HOURS PER WORKSTAGE)	0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Initial Meeting		0	\$0	1	\$173	0	\$0	1	\$173	1	\$127	3	\$473
Test Fits		0	\$0	1	\$173	1	\$167	3	\$519	8	\$1,016	13	\$1,875
Review Meeting		0	\$0	1	\$173	0	\$0	1	\$173	1	\$127	3	\$473
Revised Test Fits		0	\$0	1	\$173	1	\$167	3	\$519	12	\$1,524	17	\$2,383
Project Management		1	\$229	5	\$865	0	\$0	0	\$0	0	\$0	6	\$1,094
												42	\$6,298
stage duration (weeks)	1	\$229	9	\$1,557	2	\$334	8	\$1,384	22	2794		42	\$6,298
TOTAL PER RESOURCE	1	\$229	9	\$1,557	2	\$334	8	\$1,384	22	\$2,794		42	\$6,298

March 24, 2021



Stantec
3001 Washington Boulevard, Suite 500
Arlington, Virginia 22201

Attn: Mr. Greg Shipley, AIA, LEED AP BD+C
P: (703) 485-8547
E: greg.shipley@stantec.com

Re: Supplemental Change Order No. 1 - Geotechnical Engineering Services
Arlington County Transit (ART) Operations and Maintenance Facility
Shirlington Road
Arlington, Virginia
Terracon Proposal No. PJD205008

Dear Mr. Shipley:

The exhibits enclosed present the details of our Supplemental Change Order No.1 to our Agreement dated October 14, 2020.

Exhibit B	Scope of Services
Exhibit C	Compensation
Exhibit D	Exploration Plan
Exhibit E	Breakdown of Fee

Our base fee to perform the Scope of Services described in this Change Order is \$5,570. See Exhibits C and E for more details of our fees.

Your authorization for Terracon to proceed in accordance with this change order can be issued by emailing the undersigned with notice to proceed.

Sincerely,
Terracon Consultants, Inc.

Rachel K. Meacham, EIT
Senior Staff Engineer

Katherine N. Fordney, PE
Project Engineer

Proposal for Geotechnical Engineering Services

Arlington County Transit (ART) Operations and Maintenance Facility

Arlington, Virginia

Terracon Proposal No. PJD205008

**EXHIBIT B - SCOPE OF SERVICES**

Additional Scope of Services under this change order consists of field exploration, laboratory testing, and engineering/project delivery. These services are described in the following sections.

Field Exploration

The field exploration program consists of the following:

Number of Borings	Boring IDs (see Exhibit D)	Planned Boring Depth (feet) ¹	Planned Location
2	S-1 and S-2 ²	25 or auger refusal	Planned stream channel improvement area / existing retaining wall area
1	S-3 ³	20 or auger refusal	Planned stream channel improvement area / existing retaining wall area
2	SWM-3 and SWM-4 ⁴	15 or auger refusal	Planned stormwater management areas
3	RW-1, RW-2, and RW-3 ⁵	15 or auger refusal	Planned south retaining wall area

1. Below ground surface.
2. Previously 15-foot borings increased to 25 feet due to concerns for existing retaining wall.
3. Previously 15-foot boring, moved and increased to 20 feet due to concerns for existing retaining wall. Original S-4 boring deleted from project scope.
4. Includes an offset boring drilled to a maximum depth of 10 feet each, which will be tested for in-situ infiltration according to the applicable local regulations.
5. Additional retaining wall borings added due to proposed maximum height of the southern wall. We understand that wall heights are not to exceed 8 feet in these areas.

Laboratory Testing

Additional anticipated laboratory testing may include the following:

- Textural analysis
- Residual direct shear

Terracon will retain all soil samples for 30 days after the final report is issued. Unless requested in writing by Client, these samples will be discarded. Further storage or transfer of samples can be made at Client's expense, upon written request.

Global Stability Analysis

We will provide a global stability analysis of the proposed site retaining wall at one critical section.

Proposal for Geotechnical Engineering Services

Arlington County Transit (ART) Operations and Maintenance Facility

Arlington, Virginia

Terracon Proposal No. PJD205008

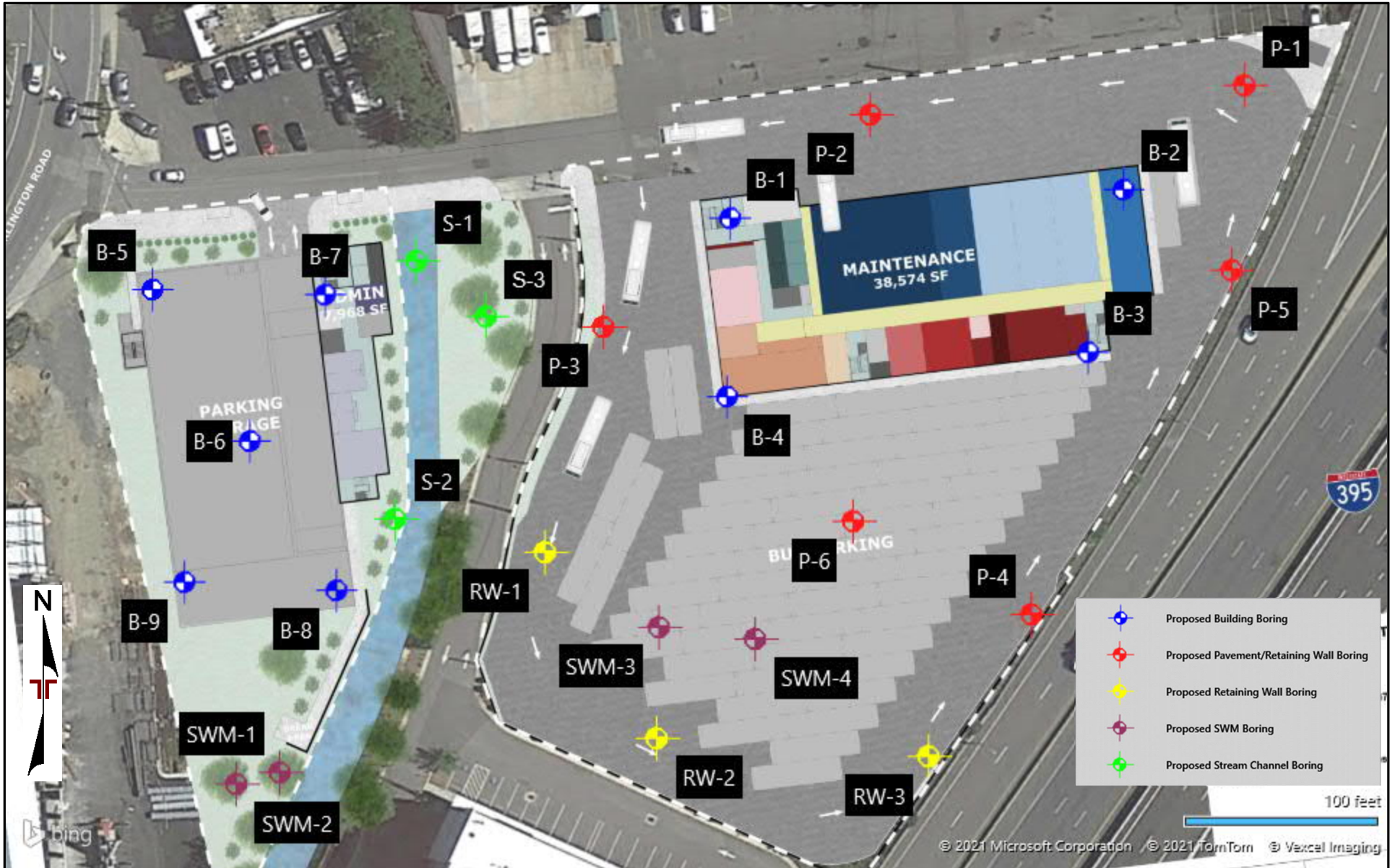


EXHIBIT C - COMPENSATION

Compensation

Based upon the project as summarized in Exhibit A, and our planned Scope of Services outlined in Exhibit B, our base fee is shown in the following table:

Task	Add'l Lump Sum Fee
Subsurface Exploration, Laboratory Testing, Geotechnical Consulting & Reporting Including Global Stability Analysis	\$5,570



AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Manager: KNF
 Drawn by: RKM
 Checked by: KNF
 Approved by: KNF

Project No. JD205008
 Scale: AS SHOWN
 File Name: BLP
 Date: FEB 2021



51 Lost Mound Drive, Suite 135
 Chattanooga, Tennessee 37406

EXPLORATION PLAN

Arlington County AE, CA for ART Operations,
 Maintenance Facility
 2629 and 2635 Shirlington Road
 Arlington, VA

Exhibit

D

Exhibit E - Breakdown of FeeProject : **Arlington County Transit (ART) Operations and Maintenance Facility**P. No. **JD205008**Total Fee = **\$5,570.00**

Subcontractor Charges:		Quantity	Rate	Fee
Auger Probe ONLY 2-1/4" and 3-1/4" (no SPT)	20	LF est. @	\$12.50 /LF	\$250.00
Soil borings, 2-1/4" and 3-1/4" ID HSA	70	LF est. @	\$16.75 /LF	\$1,172.50
Temp water standpipe (4" PVC)	20	LF est. @	\$8.50 /LF	\$170.00
Undisturbed tube sample, 3" OD (Shelby Tube)	2	ea est. @	\$130.00 /ea	\$260.00
Patch with asphalt	3	ea est. @	\$46.00 /ea	\$138.00
Total Subcontractor Charges:				\$1,990.50
Engineering Labor:				
Labor for Engineering Analysis and Report		Hours	Rate	Fee
Principal	1	hrs est. @	\$270.19 /hr	\$270.19
Project Engineer/Geologist	3	hrs est. @	\$132.51 /hr	\$397.53
Staff Engineer/Geologist	11	hrs est. @	\$95.41 /hr	\$1,049.51
Clerical	1	hrs est. @	\$99.85 /hr	\$99.85
Subtotal:				\$1,817.08
Labor for Coordination and Inspection of Field Investigation		Hours	Rate	Fee
Project Engineer/Geologist	0.5	hrs est. @	\$132.51 /hr	\$66.26
Staff Engineer/Geologist	6	hrs est. @	\$95.41 /hr	\$572.46
Subtotal:				\$638.72
Geotech Soil Laboratory Testing:		Quantity	Rate	Cost
A&L Textural Analysis (hydrometer)	4	est. @	\$40.00 /ea	\$160.00
Residual Direct Shear per vertical stress	3	est. @	\$320.00 /ea	\$960.00
Total Soil Laboratory Testing:				\$1,120.00
TOTAL FEE				\$5,570.00