

**ARLINGTON COUNTY, VIRGINIA**

**AGREEMENT NO. 20-018-RFP  
AMENDMENT NUMBER 2**

This **Amendment Number 2** is made on the date of execution by the County and amends Agreement Number 20-018-RFP (“Main Agreement”) dated April 6, 2020 between **Bureau Veritas Technical Assessments, LLC** (“Contractor”) and the County Board of Arlington County, Virginia (“County”).

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

1. **ADD “SCOPE OF SERVICES – PHASE IV ADDITIONAL ASSESSMENT I” TO EXHIBIT A: SCOPE OF SERVICES PER THE ATTACHED.**
2. **ADD “PHASE IV ADDITIONAL ASSESSMENT I” PRICING TO EXHIBIT B: CONTRACT PRICING PER THE ATTACHED.**

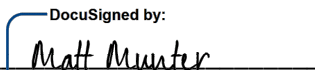
All other terms and conditions of the Main Agreement remain in effect.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON  
COUNTY, VIRGINIA

BUREAU VERITAS TECHNICAL ASSESSMENTS, LLC

AUTHORIZED SIGNATURE: 

AUTHORIZED SIGNATURE: 

NAME: Meloni Hurley

NAME: matthew munter

TITLE: Assistant Purchasing Agent

TITLE: Exec VP

DATE: 3/16/2022

DATE: 3/16/2022

**SCOPE OF SERVICES – PHASE IV ADDITIONAL ASSESSMENT I**

**Pavement Condition Index Assessment Survey for Trails**

***I. Project Set-Up and Kick-Off***

The Contractor shall host a project kickoff meeting via Microsoft Teams to discuss the scope of services, timeline, and deliverables. This kickoff meeting shall occur after execution of Amendment 2, issuance of a Purchase Order, and prior to the beginning of the Work.

***II. Inventory and Video Capture***

The Contractor shall develop a complete trail network inventory and assign all inventory items with the County-provided trail map. The Contractor shall capture the County's trail network in 1080P full HD video format and 60 frames per second. The Contractor shall organize and upload these videos to their secure cloud-based server and make them accessible for streaming as a part of the project report deliverables and online dashboard. Once the inventory Excel file is complete, the Contractor shall import them into the PAVER pavement management system for database setup and PCI calculation. The Pavement Maintenance Management System (PAVER) shall use inspection data and a pavement condition index (PCITM) rating from zero (failed) to 100 (excellent) to describe a pavement's condition and to predict future maintenance and repair needs.

***III. Condition Assessment***

The Contractor shall utilize an AI model to identify, document, and quantify all distresses occurring within each trail section of the network. The Contractor shall import the distress data into the PAVER pavement management system for Pavement Condition Index (PCI) calculation and shall adhere to the ASTM D6433 condition assessment standard. The PCI shall be on a numeric scale of 0 –100, with 0 considered failed and 100 considered excellent. Upon completion of the condition assessment, each pavement section (60' intervals) within the network shall have a calculated PCI.

***IV. Project Review and Close-Out***

The Contractor shall host a Teams-based meeting to present the draft project deliverables. The County shall have 15 days for review and comment before returning to the Contractor to finalize the project deliverable. At this time, the Contractor shall provide training on navigating online dashboard with streaming video and address any final questions or concerns from the County.

***PHASE IV ADDITIONAL ASSESSMENT I DELIVERABLES:***

The Contractor shall provide the following deliverables to the County in an electronic format approved by the Project Officer:

1. Project Set-Up and Kick-Off Meeting
2. Draft Inventory and Condition Report in Excel Spreadsheet Format
3. Draft GIS Shapefile and Data Tables for Internal GIS Mapping and Connectivity
4. Draft Current Condition Map in Both PDF Plot Format and Google Earth KML Format
5. Draft Project Section Videos in Native MPEG-4 Format, 1920 x 1080, HD Resolution
6. Dedicated Shared Google Drive for all Project Files, Reports, and Videos

7. External hard drive Containing all Final Project Files, Reports, and Videos
8. Online Dashboard and Interactive Map Access
9. Project Review Meeting
10. Final Inventory and Condition Report in Excel Spreadsheet Format
11. Final GIS Shapefile and Data Tables for Internal GIS Mapping and Connectivity
12. Final Current Condition Map in Both PDF Plot Format and Google Earth KML Format
13. Final Project Section Videos in Native MPEG-4 Format, 1920 x 1080, HD Resolution

**EXHIBIT B: CONTRACT PRICING  
FOR  
PHASE IV ADDITIONAL ASSESSMENT I**

<b>Additional Assessment Service</b>	<b>Cost</b>
Trail Pavement Condition Index Assessment Survey for up to 30 miles of Arlington County off-street, multi-use trails.	\$34,980.00 (\$1,166/mile)