



ARLINGTON
VIRGINIA

DES- Transportation/Transit
Requisition
Request Form

Requestor: John D. Lawson

Phone Number: 4803

Date Requested: 12/22/2021

Date Needed: 12/23/2021

Project Name: Columbia Pike Transit Stations

Supplier/Vendor Name: Future Systems

Account Code Combination: 331.482001.43515.MA36.0000.0000
(To be completed by Cheyenne Minor or Giovanna Calabrese)

Purchasing Authority: 18-213-9
(Contract Number)

Requisition/PO Amount: Increase PO #274507 by \$1,105,111.30

PO Term: 12/23/2021-5/12/2022
(PO Start - End Dates)

Contract Amendment #4 - Fabricate and Deliver Modified Integra
Shelters and Amenities
Description to Appear on PO:
(Attach contract or fee agreement)

Board Approval:
(Attach certified Board Report if applicable)

The Section below will be completed by Budget Specialist/Buyer.

Contract Specialist Approval: Michelle Chaney Date: 12/22/21

Budget Specialist Approval: Giovanna Calabrese Joseph Licaros Date: 12/12/2021

Requisition Number:

Purchase Order Number:



ARLINGTON COUNTY, VIRGINIA

**AGREEMENT NO. 18-213-9
AMENDMENT NUMBER 4**

This Amendment Number 4 is made on the date of execution by the County and amends Agreement Number 18-213-9 (“Main Agreement”) dated June 25, 2019, between Future Systems, Inc. (“Contractor”) and the County Board of Arlington County, Virginia (“County”).

The County and the Contractor agree to amend the main contract called for under the Main Agreement as follows:

Section 2: Scope of Work

The Contractor shall provide four bay shelters, eight bay shelters in accordance with the signed and sealed drawings dated 10/29/2021 and calculations dated 11/29/2021, flag poles and benches per the approved drawings dated 10/28/2021 and calculations dated 11/29/2021 with pricing and a milestone delivery schedule for a modified Future Systems Type II Integra bus shelter that includes:

1. 316 non-directional finished stainless-steel frame and supports with adjustable base shoes and Luminator hanging brackets
2. Glass panel roof
3. Glass windscreen panels
4. Interior LED lighting fixtures, handholes and raceways for the provision of wiring the shelters.
 - a. Provide mounting brackets for installing Luminator Real Time Passenger Information (RTPI) Type A2 real time LED signs (provided by others) on the shelter structure. Provide handholes and raceways to internally run electrical and/or fiber connections to the display. Wiring to be done by others.
5. 316 non-directional finished stainless-steel station flag pole including brackets for owner provided flag sign.
6. Double-sided Map Case to be incorporated on a rear or side glass windscreen panel.
7. Area(s) to include station name within the shelter(s).
8. 316 stainless steel benches with custom perforated directionally polished seat pans and non-directional polished seat frame with intermediate arm rests.
9. Modified shelters shall be provided in two (2) module sizes: 4 Bay (14'-9" L x 6'-3" W and 8 Bay (28'-6" L x 6'-3" W) Note some stations will require 2 - 8 Bay assemblies (Extended Stations) with 4' W or 2' W side windscreens mounted to the gantry post on each end of the shelter. In locations where the platform area is constrained, the side windscreens may not be required.

10. All shelters and amenities shall comply with the accessibility requirements of the Americans with Disabilities Act (ADA).
11. The station shelters and amenities shall be bolt down. The recommended fasteners and concrete thickness for the fasteners will be installed and shall be included with the design (anchors to be provided by others).
12. Include leaf guards on gutters
13. Shelters shall meet Buy America requirements.
14. Onsite installation instruction

Contractor shall meet the following schedule milestones:

No.	Event	Calendar days from NTP/PO
1	Kick off discussion with County	7
35	Fabricate first eight stations per delivery schedule (Exhibit A)	119
3	Deliver first eight stations to Arlington County per delivery schedule (Exhibit A)	133
4	Assembly and installation Supervision	140
5	Fabricate and deliver three remaining phases of shelters	TBD

Deliverables:

1. Meeting minutes for milestone events 1 and 4.
2. Printed detailed installation instructions.
3. On site installation instruction
4. Six (8) bay shelters with wide side windscreens.
5. Two (2) four bay shelters with wide side windscreens.
6. Twenty (20) three seat benches.
7. Eight (8) flag signs.
8. Price Schedule for the two module configurations and amenities selected by the County.
9. Production & Delivery schedule.

The County intends to issue additional Purchase Orders for the remaining fifteen stations in phases as the station platforms become available for shelter installation.

Section 4: Term of the Work

The Term for of the work to be performed shall be December 24, 2021 through May 12, 2022 pending the Notice to Proceed and a County valid Purchase Order.

Section 6: Contract Amount

This is a Fixed-Priced Contract Amendment in the Not-To-Exceed amount of **\$1,105,111.30** for this portion of the work (See Exhibit A). Additional work for the project shall not be authorized without an amendment to the original Contract executed by the Purchasing Agent.

Added section: **Contract Price Adjustments**

The Contract Amount/unit price(s) will remain firm. To request a price adjustment, the Contractor or the County must submit a written request to the other party not less than 60 days before the Price Adjustment Date. Adjustments to the Contract Amount/unit price(s) will not exceed the percentage of change in the Producer Price Index (PPI).

Any Contract Amount/unit price(s) that result from this provision will become effective the day after the Price Adjustment Date and will be binding for the set period agreed upon by the parties.

All other terms remain in effect.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON
COUNTY, VIRGINIA

SIGNATURE: DocuSigned by:
Dr. Sharon T Lewis
89B86B1AD301462...

NAME: Dr. Sharon T. Lewis

TITLE: Purchasing Agent.

DATE: 12/22/2021

FUTURE SYSTEMS, INC.

SIGNATURE: DocuSigned by:
Mark Sidon
497E06C627FF464...
Mark Sidon

NAME: _____

TITLE: Vice President of Operations

DATE: 12/22/2021

Exhibit A**Quotation**

From: Future Systems Inc.
 230 West Monroe Street, Suite 310
 Chicago IL, 60606
mark.sidon@futuresystems-inc.com

To: John (Jay) Lawson
 Attn: Program Manager
 Department of Environmental Services
 Facilities Design and Construction
 1400 North Uhle Street, Suite 403
 Arlington, Virginia 22201
 (703) 228-4803 (O)
 (703) 228-0630 (F)
 (571) 302-6192(C)
jlawsone@arlingtonva.us

Date: **Dec 07 2021**

Quote No.: **MS20211105 R1**

Taxes.: **extra**

Delivery: **To one address in Arlington, VA**

Terms: **Contract No. 18-213-9 Columbia Pike Transit stations**

Quotation Valid for 15 Days

RE: Phase 1 manufacture and supply
 Please the below table

Product	Qty	Description	Unit Price	Total Price
Large Wide (8 bay)	6	316 non-directional finished shelter including all roof and windscreen glass as per the drawing set. LED Lighting and Luminator hanging bracket. Adjustable base shoes for installation on standard pavement.	\$118,231.16	\$709,386.96
Lrg Gutter screen	6	18ga pre perforated 316 stainless with ¼" holes on 3/8" centres hardware and fixing method	\$950.00	\$5,700.00
Small Wide (4 bay)	2	Same as above but for smaller shelter	\$76,212.17	\$152,424.34
Sm Gutter Screen	2	18ga pre perforated 316 stainless with ¼" holes on 3/8" centres hardware and fixing method	\$650.00	\$1,350.00
Flag sign	8	316 non-directional finished Pole including Brackets for owner provided sign	\$5,600.00	\$44,800.00
2-seater bench	0	316 bench with custom perforated directionally polished seat pan and non-directionally polished bench frame.	\$6,860.82	\$0.00

3-seater bench	20	316 bench with custom perforated directionally polished seat pan and non-directionally polished bench frame.	\$9,200.00	\$184,000.00
Optional	1	2 days on site installation support – lump sum	\$7,500.00	\$7,500.00
				\$1,105,111.30

Reference Contract No. 18-213-9 Columbia Pike Transit stations

Notes:

The above prices are for supply and delivery only. All prices are in USD, taxes are extra.

Assembly and installation supervision is available at an extra cost if required. All hardware is supplied by Future Systems except the chemical anchors for installation by local GC.

This unit does meet Buy America requirements.

Price includes UL certified electrical fixtures however excludes any electrical certification of the shelter. Raceways for the provision of wiring the shelter are included however installation and wiring of lighting is to be done by others.

No Prototypes have been considered

Delivery time: 14 -18 weeks from the date of order

& Notice to proceed.

Future Systems Inc | 230 West Monroe Street, Suite 310 | Chicago, IL | 60606

T: (845) 570-2745 | **W:** www.futuresystems-inc.com



DEPARTMENT OF ENVIRONMENTAL SERVICES

Facilities and Engineering

Facilities Design & Construction Bureau 1400 North Uhle Street, Suite 403 Arlington, VA 22201
TEL 703.228.4430 FAX 703.228.3093 TTY 703.228.4611 www.arlingtonva.us

MEMORANDUM

TO:	File – Columbia Pike Transit Stations, PA: 21-DES-SS-561	
FROM:	John D. Lawson, DES – FD&C Michelle Chaney, DES – Contracts Administrator	DATE: December 22, 2021
CC:	Diana Isaza, DES - Transit Azar “Ozzie” Jaymand - FD&C	
SUBJECT:	Columbia Pike Transit Stations (MA36), Future Systems Integra Shelter Fabrication and Delivery	

Background:

The County awarded Contract #18-213-9 to Future Systems, Inc. (FSI) as a result of fair and open competition utilizing the County’s prescribed best value procurement method for fabrication/manufacturing delivery of twenty-three (23) Transit Stations Structures and amenities for the Columbia Pike Corridor.

Arlington County issued a fabrication and delivery Scope of Work to Future Systems on December 12, 2021. Future Systems provided their modified drawings on October 29, 2021 and calculations to their standard Integra shelters on November 29, 2021. The County and Future Systems agreed on a timeline to fabricate and deliver the first eight shelters and amenities within one hundred-forty (140) calendar days from the date of the Notice to Proceed and issuance of the Purchase Order.

Justification:

Future Systems provided a revised proposal for fabrication and delivery of the modified Integra shelters and amenities defined in the mutually agreed Scope of Work on December 7, 2021 in the amount of \$1,105,111.30.

The County prepared an Independent Cost Estimate (ICE) for fabricating and delivering modified Integra shelters and amenities for the first eight station locations that totaled \$1,042,500. The Future Systems proposal is within 6% of ICE estimate.

Given the above, the proposed cost of \$1,105,111,30 is found to be fair and reasonable.

Therefore, I hereby determine, based upon the findings above:

- (a) Funds are available,
- (b) The increase to the amount Future Systems contract fulfills an existing need of Arlington County,
- (c) The price that was submitted is fair and reasonable.

Certification:

I certify that the support data under my cognizance, which are included in this justification, are accurate and complete to the best of my knowledge.

12/22/2021
Date

John D. Lawson
John D. Lawson
Project Officer

Date

Elizabeth Robin McElhenny
Transit Program Manager

Date

Michelle Chaney
Contracts Administrator

ARLINGTON COUNTY DES- DIVISION OF TRANSPORTATION

IN-SCOPE CHECKLIST

TO BE PREPARED / SIGNED BY THE PROJECT OFFICER (PO)

CONTRACT NUMBER	MODIFICATION NUMBER	TASK ORDER NUMBER	CONTRACTOR NAME
18-213-9	4		Future Systems, Inc..

DESCRIPTION OF CONTRACT

Fabrication/Manufacturing Delivery of Twenty-Three (23) Transit Stations and Amenities for Columbia Pike Corridor

PROJECT OFFICER'S RECOMMENDATION

I have read and considered the provisions of the Desk procedure "Scope Considerations When Modifying a Contract" in recommending that the attached modification falls within the general scope of the existing contract. If budgeted funding source is from a federal, state or local grant assurance is provided below that the goods/services can be reimbursed by the grant.

The reason(s) that proposed modification/Task Order falls within the general scope of the existing contract are:

Arlington County issued a fabrication and delivery Scope of Work to Future Systems on December 12, 2021. Future Systems provided their modified drawings on October 29, 2021 and calculations to their standard Integra shelters on November 29, 2021. The County and Future Systems agreed on a timeline to fabricate and deliver the first eight shelters and amenities within one hundred-forty (140) calendar days from the date of the Notice to Proceed and issuance of the Purchase Order.

Justification:

Future Systems provided a revised proposal for fabrication and delivery of the modified Integra shelters and amenities defined in the mutually agreed Scope of Work on December 7, 2021 in the amount of \$1,105,111.30.

The County prepared an Independent Cost Estimate (ICE) for fabricating and delivering modified Integra shelters and amenities for the first eight station locations that totaled \$1,042,500. The Future Systems proposal is within 6% of ICE estimate.

PROJECT OFFICER'S NAME	DATE	PROJECT OFFICER'S SIGNATURE
John D. Lawson	12/22/2021	<i>John D. Lawson</i>

CONTRACTS ADMINISTRATOR'S DETERMINATION

CONCURRENCE WITH PROJECT OFFICER RECOMMENDATION

I have read and considered the provisions of the Desk procedure "Scope Considerations When Modifying a Contract" in determining that the attached modification falls within the general scope of the existing contract. If budgeted funding source is from a federal, state or local grant assurance has been provided that the goods/services can be reimbursed by the grant.

I concur with the PO's recommendation that the proposed modification/Task Order falls within the general scope of the existing contract.

CONTRACTS ADMINISTRATOR NAME	DATE	CONTRACTS ADMINISTRATOR'S SIGNATURE

REJECTION OF PROJECT OFFICER RECOMMENDATION

I determine that the proposed modification/Task Order is outside the scope of the existing contract. The reference for the new procurement is:

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CONTRACTS ADMINISTRATORS NAME	DATE	CONTRACTS ADMINISTRATOR'S SIGNATURE

DELIVERY OF TRANSIT STATION SHELTERS PER LOCATION

Transit Station	Modules		Station Type *	Windscreen Type**	Anticipated Delivery***	Seating
Buchanan	2	EB	8 Bay	Full Each End	April/May 2022	3 - 3 seat
		WB	8 Bay	Full Each End	April/May 2022	3 - 3 seat
Oakland	1	WB	4 Bay	Full Each End	April/May 2022	1 - 3 seat
Glebe	1	WB	8 Bay	Full Each End	April/May 2022	3 - 3 seat
Greenbrier	2	EB	8 Bay	Full Each End	April/May 2022	3 - 3 seat
		WB	4 Bay	Full Each End	April/May 2022	1 - 3 seat
Dinwiddie	2	EB	8 Bay	Full Each End	April/May 2022	3 - 3 seat
		WB	8 Bay	Full Each End	April/May 2022	3 - 3 seat
Taylor-Thomas	2	EB	8 Bay	Full Each End	TBD	3 - 3 seat
		WB	4 Bay	Full Each End	TBD	1 - 3 seat
GeorgeMason	2	EB	8 Bay	Full Each End	TBD	3 - 3 seat
		WB	4 Bay	Full Each End	TBD	1 - 3 seat
Glebe	1	EB	8 Bay	Full Each End	TBD	3 - 3 seat
Oakland	1	EB	8 Bay	Full Each End	TBD	3 - 3 seat
WalterReed	0	WB	NONE	NONE	TBD	0
Barton	2	EB	8 Bay	Full Each End	TBD	3 - 3 seat
		WB	4 Bay	Full Each End	TBD	1 - 3 seat
Courthouse	2	EB	8 Bay	Full Each End	TBD	3 - 3 seat
		WB	4 Bay	Full Each End	TBD	1 - 3 seat
Scott	2	EB	8 Bay	Full Each End	TBD	3 - 3 seat
		WB	4 Bay	1/2 Each End	TBD	1 - 3 seat
Orme	2	EB	4 Bay	Full Each End	TBD	1 - 3 seat
		WB	4 Bay	Full Each End	TBD	1 - 3 seat
TOTAL	22					

* The number of modules and benches may be modified as necessary to accommodate ridership adjustments.

** Side windscreen sizes may be adjusted at time of order placement.

***Phases 3-5 delivery is tied to Columbia Pike Multimodal project schedule. Estimated availability dates for Station construction TBD.



Phase 1	
Phase 2	Segment H&I
Phase 3	Segment F
Phase 4	Segment C&D
Phase 5	Segment A

Columbia Pike Transit Stations, Contract #18-213-9 _ FS Contract Amendment Fabricate and Deliver Modified Integra Shelters and Amenities

Future Systems to fabricate and deliver to Arlington County modified shelters and amenities based on approved plans and calculations and fabrication and delivery SOW provided by Arlington County on 12/12/2021.

1. Attend Kick off meeting
2. Fabricate and deliver six 8 Bay shelters with side windscreens
3. Fabricate and deliver two 4 Bay shelters with side windscreens
4. Fabricate and deliver twenty 3 seat benches
5. Fabricate and deliver eight flag sign
- Attend review meeting with County
6. Onsite installation instruction

Description	Rate	Hours					Total Hours	Total
		Quantity	Preliminary Modifications	Review Meeting	Revised Drawings and Preliminary Calculations	Review Meeting	Signed and Sealed Package	
Kick Off Meeting	\$7,500.00	1					1	\$7,500.00
8 Bay Shelter with side windscreens	\$87,000.00	6					6	\$522,000.00
4 Bay Shelter with side windscreens	\$58,000.00	2					2	\$116,000.00
3 seat Bench	\$14,500.00	20					20	\$290,000.00
Flag	\$9,000.00	8					8	\$72,000.00
Onsite Training	\$35,000.00	1					1	\$35,000.00
Total							38	\$1,042,500.00

12/11/2021

John D. Lawson