



ARLINGTON COUNTY, VIRGINIA
AGREEMENT NO. 23-DES-ITB-164c
AMENDMENT NUMBER 2

This Amendment Number 2 is made on 12/19/2023 and amends Agreement Number 23-DES-ITB-164c ("Main Agreement") dated December 1, 2022, between Mobotrex, 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. Reference to Agreement No. 23-DES-ITBLW-164c is replaced with Agreement No. 23-DES-ITB-164c in its entirety.
2. Contract Renewal: The agreement is renewed as of December 1, 2023, with three (3) additional 12-month renewal periods remaining in accordance with contract provision 4. Contract Term.
3. Contract Price Adjustment: The price adjustment to the Contract Amount/unit price(s) will not exceed 1.37% per the percentage change in the U.S. Department of Labor Producer Price Index, Table 9, not Seasonally Adjusted for September 2023, beginning December 1, 2023, in accordance with contract provision 6. Contract Pricing with Optional Price Adjustments.
4. Contract provision 24. COVID-19 Policy for Contractors is removed in its entirety.
5. Exhibit B – Pricing Sheet is deleted in its entirety and replaced with the attached Revised Exhibit B – Pricing Sheet to remove 1. Cabinet Test Display from Section I – Testing Services & Equipment, add 62. One-way Vehicle Signal Mount (Side Mount with terminal Compartment) and 63. One-way Vehicle Signal Mount (Side Mount without terminal Compartment) to Section VI – Traffic Signals and Mounting Equipment and add 22. Rack Mount CCU Bracket to Section VII – Pedestrian Pushbutton Systems. The Contract amount is changed from \$2,867,155 to \$2,813,324.64, a decrease of \$53,830.36.

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

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON COUNTY, VIRGINIA

MOBOTREX, INC.

AUTHORIZED SIGNATURE: [DocuSigned by: Dr. SHARON T. LEWIS]

AUTHORIZED SIGNATURE: [DocuSigned by: Paul Thompson]

NAME: DR. SHARON T. LEWIS

NAME: Paul Thompson

TITLE: Purchasing Agent

TITLE: Vice President Mid-Atlantic Dist

DATE: 12/19/2023

DATE: 12/19/2023

## REVISED EXHIBIT B

NAME OF OFFEROR OR CONTRACTOR		SOLICITATION NAME			
Mobotrex, Inc.		Traffic Signal & ITS Equipment #23-DES-ITB-164c			
ITEM NO.	SUPPLIES/SERVICES	EST QTY	UNIT	UNIT PRICE	AMOUNT
<b>SECTION I - Testing Services &amp; Equipment</b>					
<b>Test Equipment</b>					
1	Cabinet Test Display (Removed per Amendment No. 2)	10	EA	\$ -	\$0.00
2	Handheld Loop Test Kit	5	EA	\$ 3,243.00	\$16,215.00
3	BIU Tester with Carrying Case	2	EA	\$ 6,284.00	\$12,568.00
4	Tester Carrying Case	2	EA	\$ 304.00	\$608.00
5	Virtual Test Cabinet	5	EA	\$ 3,345.00	\$16,725.00
<b>Testing Services</b>					
6	Re-certification of Conflict Monitor Tester	2	EA	\$ 816.00	\$1,632.00
7	Re-certification of High-Density Switch Pack Tester	2	EA	\$ 522.00	\$1,044.00
8	Re-certification of BIU Tester	1	EA	\$ 491.64	\$491.64
<b>Support Services</b>					
9	Technical Support	30	HR	\$ 125.00	\$3,750.00
<b>GRAND TOTAL FOR SECTION</b>					<b>\$53,033.64</b>
<b>SECTION II - Cabinet Components and Replacement Parts</b>					
<b>Cabinet Components and Parts</b>					
1	Shelf Mount TS-2 Power Supply	50	EA	\$ 577.80	\$28,890.00
2	Din Rail Mount Power Supply	100	EA	\$ 734.93	\$73,493.00
3	EDI BIU 700	100	EA	\$ 341.00	\$34,100.00
4	16 Channel TS2 Smart MMU with ethernet	10	EA	\$ 1,170.00	\$11,700.00
5	6 Channel TS1 Conflict Monitor with ethernet	10	EA	\$ 1,054.00	\$10,540.00
6	3 Channel TS1 Conflict Monitor	10	EA	\$ 740.00	\$7,400.00
7	MMU Program Card	100	EA	\$ 81.00	\$8,100.00
8	MMU Program Card with dip switches for testing purposes	20	EA	\$ 263.00	\$5,260.00
9	Load Switch I/O style	100	EA	\$ 32.43	\$3,243.00
10	Flash Transfer Relay with power LED	100	EA	\$ 30.00	\$3,000.00
11	Flasher	100	EA	\$ 40.54	\$4,054.00
12	Loop Surge Suppressor	50	EA	\$ 15.20	\$760.00
13	INXT120NL000-1 Line Filter	50	EA	\$ 45.61	\$2,280.50
14	LF60X Line Filter	50	EA	\$ 35.47	\$1,773.50
15	LF60 Line Filter	50	EA	\$ 48.65	\$2,432.50
16	HE1750 Surge Suppressor (with socket)	50	EA	\$ 162.00	\$8,100.00
17	HE1750 Surge Suppressor (without socket)	50	EA	\$ 121.64	\$6,082.00
18	ACP-340 Surge Suppressor	50	EA	\$ 81.00	\$4,050.00
19	SHP300-10 Surge Suppressor	50	EA	\$ 43.58	\$2,179.00
20	Solid State Load Relay	50	EA	\$ 58.79	\$2,939.50
21	16-Channel Detector Rack (includes 2 additional slots for preemption)	50	EA	\$ 157.12	\$7,856.00

22	Cabinet Drawer Shelf	50	EA	\$ 182.46	\$9,123.00
23	Power Strip for Top Cabinet Shelf 40" with 10' cord	50	EA	\$ 116.57	\$5,828.50
24	Cabinet Handle with Integrated Lock	5	EA	\$ 557.53	\$2,787.65
25	Power Strip for Top Cabinet Shelf 30" with 6' cord	50	EA	\$ 116.57	\$5,828.50
26	Generator Plug	50	EA	\$ 70.95	\$3,547.50
27	Police Switch (RJ45)	50	EA	\$ 81.00	\$4,050.00
28	Plexiglass Power Panel Cover A	50	EA	\$ 50.68	\$2,534.00
29	Plexiglass Power Panel Cover B	50	EA	\$ 50.68	\$2,534.00
30	Plexiglass Power Panel Cover C	50	EA	\$ 50.68	\$2,534.00
31	Plexiglass Power Panel Cover D	50	EA	\$ 50.68	\$2,534.00
32	8 Position SDLC Hub	25	EA	\$ 113.53	\$2,838.25
33	6' SDLC Cable (Clips on both ends)	100	EA	\$ 70.95	\$7,095.00
34	6' SDLC Cable (Clips on one end screws on opposite end)	100	EA	\$ 70.95	\$7,095.00
35	Pack of 50 Cabinet Spring Nuts	20	EA	\$ 131.78	\$2,635.60
<b>GRAND TOTAL FOR SECTION</b>					<b>\$289,198.00</b>
<b>SECTION VI - Traffic Signals and Mounting Equipment</b>					
<b>Signals</b>					
1	3-Section Red-Yellow-Green Signal (incl. housing and LED modules)	50	EA	\$ 582.87	\$29,143.50
2	4-Section Flashing Yellow Arrow Signal (incl. housing and LED modules)	50	EA	\$ 760.27	\$38,013.50
3	HAWK Signal (incl. housing and LED modules)	20	EA	\$ 1,074.50	\$21,490.00
4	3 Section Programmable Visibility Signal (includes housing, LEDs, and lenses)	5	EA	\$ 3,547.00	\$17,735.00
5	5-Section (Doghouse/Cluster Style) Signal (incl. housing, hardware, and LED modules)	10	EA	\$ 1,216.00	\$12,160.00
6	5 Section Inline Signal head. (incl. housing and LED modules)	10	EA	\$ 937.67	\$9,376.70
7	Aeroflex High Visibility Backplate for 3-Section head	200	EA	\$ 164.20	\$32,840.00
8	Aeroflex High Visibility Backplate for 4-Section head	100	EA	\$ 185.50	\$18,550.00
9	Aeroflex High Visibility Backplate for 5-Section head	100	EA	\$ 192.60	\$19,260.00
10	12" LED Red Signal module	400	EA	\$ 65.89	\$26,356.00
11	12" LED Yellow Signal module ( <i>Energy Efficient</i> )	400	EA	\$ 65.89	\$26,356.00
12	12" LED Green Signal module ( <i>Energy Efficient</i> )	400	EA	\$ 65.89	\$26,356.00
13	12" LED Red Arrow Signal module ( <i>Energy Efficient</i> )	150	EA	\$ 65.89	\$9,883.50
14	12" LED Yellow Arrow Signal module ( <i>Energy Efficient</i> )	150	EA	\$ 65.89	\$9,883.50
15	12" LED Green Arrow Signal module ( <i>Energy Efficient</i> )	150	EA	\$ 65.89	\$9,883.50
16	12" LED Transit Stop Signal module ( <i>Energy Efficient</i> )	150	EA	\$ 65.89	\$9,883.50

17	12" LED Transit Yellow Arrow Signal module (Energy Efficient)	150	EA	\$ 65.89	\$9,883.50
18	12" LED Green Arrow Signal module (Energy Efficient)	150	EA	\$ 65.89	\$9,883.50
19	8" LED Red Signal module (Energy Efficient)	25	EA	\$ 50.68	\$1,267.00
20	8" LED Yellow Signal module (Energy Efficient)	25	EA	\$ 50.68	\$1,267.00
21	8" LED Green Signal module (Energy Efficient)	25	EA	\$ 50.68	\$1,267.00
22	Programmable visibility Red LED module (Energy Efficient)	20	EA	\$ 96.30	\$1,926.00
23	Programmable visibility Yellow LED module (Energy Efficient)	20	EA	\$ 96.30	\$1,926.00
24	Programmable visibility Green LED module (Energy Efficient)	20	EA	\$ 96.30	\$1,926.00
25	3 bolt head connectors set	100	EA	\$ 15.20	\$1,520.00
26	5 Position Terminal Bar	100	EA	\$ 25.34	\$2,534.00
27	Signal Visor	50	EA	\$ 20.27	\$1,013.50
28	Louvers with visor	50	EA	\$ 202.74	\$10,137.00
29	Backplate Screws (Pack of 25)	25	Pack	\$ 15.20	\$380.00
30	Tunnel Visor Screws (pack of 25)	25	Pack	\$ 15.20	\$380.00
31	Pedestrian Signal (including countdown LED Module)	100	EA	\$ 456.16	\$45,616.00
32	Pedestrian Signal with clamshell mount (including countdown LED Module)	100	EA	\$ 466.30	\$46,630.00
33	Ped Head Egg Crate Visor	100	EA	\$ 22.30	\$2,230.00
34	16" Pedestrian LED module (Countdown)	100	EA	\$ 192.60	\$19,260.00
35	Audible Pedestrian Cuckoo Signal (US Traffic APS10 or Equal)	10	EA	\$ 435.89	\$4,358.90
36	Programmable Visibility Signal Masking Kit	10	EA	\$ 304.11	\$3,041.10
<b>SUB-TOTAL</b>					<b>\$483,617.20</b>
<b>Mounting Equipment</b>					
37	Spanwire Signal Mounting Hardware	50	EA	\$ 128.73	\$6,436.50
38	Mast Arm Mount for 3-Section Signal Head	100	EA	\$ 253.42	\$25,342.00
39	Mast Arm Mount for 4-Section Signal Head	50	EA	\$ 273.69	\$13,684.50
40	Mast Arm Mount for HAWK Signal Head	50	EA	\$ 375.00	\$18,750.00
41	Mast Arm Mount for 5-Section Doghouse/Cluster Signal Head	50	EA	\$ 380.13	\$19,006.50
42	One-Way Vehicle Signal Mount (Post Mount with Terminal Compartment)	50	EA	\$ 253.42	\$12,671.00
43	One-Way Vehicle Signal Mount (Post Mount without Terminal Compartment)	50	EA	\$ 223.00	\$11,150.00
44	Two-Way Vehicle Signal Mount (Side Mount with Terminal Compartment)	50	EA	\$ 337.56	\$16,878.00
45	Two-Way Vehicle Signal Mount (Side Mount without Terminal Compartment)	50	EA	\$ 268.63	\$13,431.50
46	One-Way Pedestrian Signal Mount (Post Mount with terminal compartment)	50	EA	\$ 223.00	\$11,150.00
47	Two-Way Pedestrian Signal Mount (Post Mount with terminal compartment)	50	EA	\$ 405.47	\$20,273.50

48	One-Way Pedestrian Signal Mount (Post Mount without terminal compartment)	50	EA	\$ 70.95	\$3,547.50
49	Two-Way Pedestrian Signal Mount (Post Mount without terminal compartment)	50	EA	\$ 243.28	\$12,164.00
50	One-Way Pedestrian Signal Mount (Side Mount with terminal compartment)	150	EA	\$ 228.00	\$34,200.00
51	Two-Way Pedestrian Signal Mount (Side Mount with terminal compartment)	150	EA	\$ 385.20	\$57,780.00
52	One-Way Pedestrian Signal Mount (Side Mount without terminal compartment)	50	EA	\$ 121.64	\$6,082.00
53	Two-Way Pedestrian Signal Mount (Side Mount without terminal compartment)	50	EA	\$ 228.00	\$11,400.00
54	Post Top Slip Fitter Assembly, 1-way w/2 side ports	50	EA	\$ 111.50	\$5,575.00
55	Post Top Signal Mounting Kit	50	EA	\$ 38.52	\$1,926.00
56	30" Paddle and Bracket for Sign Mounting	100	EA	\$ 157.12	\$15,712.00
57	36" Paddle and Bracket for Sign Mounting	100	EA	\$ 167.00	\$16,700.00
58	Band & Buckle Assembly (Black color)	100	EA	\$ 50.00	\$5,000.00
59	Span Wire 2" Cable Ring (Pack of 100)	30	EA	\$ 200.00	\$6,000.00
60	Spanwire Sign Mounting Hardware	50	EA	\$ 101.37	\$5,068.50
61	LED Quick Change Kit (GGI QCK) (3-Section head kit containing 12 clips and screws)	300	EA	\$ 35.47	\$10,641.00
62	One-Way Vehicle Signal Mount (Side Mount with Terminal Compartment)	50	EA	\$ 265.00	\$13,250.00
63	One-Way Vehicle Signal Mount (Side Mount without Terminal Compartment)	50	EA	\$ 125.00	\$6,250.00
<b>SUB-TOTAL</b>					<b>\$380,069.50</b>
<b>GRAND TOTAL FOR SECTION</b>					<b>\$863,686.70</b>
<b>SECTION VII - Pedestrian Pushbutton Systems</b>					
1	APS System (includes 8 APS units, CCU, interface board, SDLC cable, PLC cable, logic ground cable, and power cable)	40	EA	\$ 7,080.00	\$283,200.00
2	APS unit (includes 9"x15" R10-3e sign, adapter plate, and hardware.)	50	EA	\$ 555.00	\$27,750.00
3	Shelf mount CCU (includes SDLC cable, power cable, PLC cable, logic ground, and interface board)	20	EA	\$ 2,686.00	\$53,720.00
4	Rack Mount CCU (includes SDLC cable, power cable, PLC cable, logic ground, and interface board)	30	EA	\$ 2,574.00	\$77,220.00
5	Interface Board	25	EA	\$ 96.30	\$2,407.50
6	SDLC Cable with Ground	5	EA	\$ 106.00	\$530.00
7	PLC Cable	25	EA	\$ 27.35	\$683.75
8	CCU power cable	25	EA	\$ 30.00	\$750.00
9	9x15 adapter plate (includes hardware and R10-3e sign)	55	EA	\$ 131.78	\$7,247.90
10	Logic Ground cable	20	EA	\$ 25.00	\$500.00
11	Adapter for two APS with 9x15 sign on 4.5 OD pole	5	EA	\$ 116.55	\$582.75
12	Fluted pole Mounting Adapter	25	EA	\$ 86.00	\$2,150.00



13	APS Mounting Extender (Black)	20	EA	\$ 182.00	\$3,640.00
14	APS height reducing mounting extender (Black)	20	EA	\$ 228.00	\$4,560.00
15	Bi-directional Button Assembly	20	EA	\$ 46.00	\$920.00
16	Non-Arrow Button Assembly	20	EA	\$ 46.00	\$920.00
17	APS Replacement Speaker	20	EA	\$ 42.00	\$840.00
18	Universal 90-degree adapter for APS (Black)	50	EA	\$ 202.00	\$10,100.00
19	Mechanical Button	100	EA	\$ 106.00	\$10,600.00
20	Mechanical Button Mounting plate (includes 9x15 R10-3e sign and hardware)	100	EA	\$ 131.78	\$13,178.00
22	Rack Mount CCU Bracket	100	EA	\$ 75.00	\$7,500.00
<b>21 Technical Support</b>					
		10	HR	\$ 125.00	\$1,250.00
<b>GRAND TOTAL FOR SECTION</b>					<b>\$510,249.90</b>
<b>SECTION VIII - Beacons and Roadside Indicators</b>					
<b>School Beacons</b>					
1	School Flasher Assembly (AC Power)	5	EA	\$ 7,500.00	\$37,500.00
2	School Flasher Assembly (Solar Power)	10	EA	\$ 8,058.00	\$80,580.00
3	Remote Monitoring Field Device (includes 5-years communications)	15	EA	\$ 2,500.00	\$37,500.00
4	Replacement Solar Panel (includes mounting hardware)	15	EA	\$ 263.56	\$3,953.40
5	Replacement Battery	20	EA	\$ 350.00	\$7,000.00
6	Replacement Control Box (includes mounting hardware)	10	EA	\$ 2,230.00	\$22,300.00
7	Replacement Single 12" LED Signal Housing (12V DC)	15	EA	\$ 223.00	\$3,345.00
<b>SUB-TOTAL</b>					<b>\$192,178.40</b>
<b>Speed Feedback Indicators</b>					
8	Speed Feedback Assembly (Solar Power) (AI included)	8	EA	\$ 10,669.00	\$85,352.00
9	Speed Feedback Assembly (AC Power) (AI included)	4	EA	\$ 9,604.00	\$38,416.00
10	Replacement Solar Panel (includes mounting hardware)	10	EA	\$ 375.00	\$3,750.00
11	Replacement Battery	10	EA	\$ 354.00	\$3,540.00
12	Replacement Control Box (includes mounting hardware)	5	EA	\$ 2,767.00	\$13,835.00
13	Replacement Speed Radar Blank-out Assembly	5	EA	\$ 3,900.00	\$19,500.00
<b>SUB-TOTAL</b>					<b>\$164,393.00</b>
<b>Pedestrian Activated Rapid Flash Beacons (RRFB)</b>					
14	Rapid Flash Beacon Assembly (AC Power, Double Sided) AI Include	10	EA	\$ 7,146.00	\$71,460.00
15	Rapid Flash Beacon Assembly (Solar Power, Double Sided) AI Included	10	EA	\$ 7,704.00	\$77,040.00
16	Smaller Factor Remote Monitoring Field Device (includes 5-years communications)	5	EA	\$ 1,115.00	\$5,575.00

17	Replacement Solar Panel (includes mounting hardware)	10	EA	\$ 288.00	\$2,880.00
18	Replacement Battery	15	EA	\$ 200.00	\$3,000.00
19	Replacement Control Box (includes mounting hardware)	10	EA	\$ 2,382.00	\$23,820.00
20	Replacement Rectangular Rapid Flasher	15	EA	\$ 780.00	\$11,700.00
21	ADA Pushbutton	15	EA	\$ 704.00	\$10,560.00
<b>Technical Support</b>					
22	Technical Support	30	HR	\$ 125.00	\$3,750.00
<b>SUB-TOTAL</b>					<b>\$209,785.00</b>
<b>GRAND TOTAL FOR SECTION</b>					<b>\$566,356.40</b>
<b>SECTION IX - Pedestal Poles</b>					
<b>Aluminum Pedestal Poles</b>					
1	11' Pedestal Pole	20	EA	\$ 988.00	\$19,760.00
2	15' Pedestal Pole (Schedule 80)	75	EA	\$ 1,165.00	\$87,375.00
<b>Replacement Parts</b>					
3	Pelco Pole Base	50	EA	\$ 243.00	\$12,150.00
4	4" Pole Cap	50	EA	\$ 30.00	\$1,500.00
5	Base Collar	50	EA	\$ 106.00	\$5,300.00
6	Pole Base Coverplate (composite plastic)	100	EA	\$ 45.00	\$4,500.00
7	Universal Signal pole Hand hole cover (Small)	100	EA	\$ 45.00	\$4,500.00
8	Universal signal pole Hand hole cover (Large)	100	EA	\$ 50.00	\$5,000.00
9	Replacement signal pole cap for pole outer Diameter 6"-7"	50	EA	\$ 51.00	\$2,550.00
10	Replacement signal pole cap for pole outer Diameter 7"-8"	100	EA	\$ 53.00	\$5,300.00
11	Replacement signal pole cap for pole outer Diameter 8"-9"	100	EA	\$ 55.00	\$5,500.00
12	Replacement signal pole cap for pole outer Diameter 9"-10"	100	EA	\$ 57.00	\$5,700.00
13	Replacement signal pole cap for pole outer Diameter 10"-11"	50	EA	\$ 124.00	\$6,200.00
14	Replacement signal pole cap for pole outer Diameter 11"-12"	25	EA	\$ 136.00	\$3,400.00
<b>GRAND TOTAL FOR SECTION</b>					<b>\$168,735.00</b>
<b>SECTION X - Blank-out LED Sign</b>					
1	36" x 36" R3-1 or R3-2 LED Blank Out Sign	10	EA	\$ 3,547.00	\$35,470.00
2	30" x 36" BUS LANE ONLY LED Blank Out Sign	10	EA	\$ 3,497.00	\$34,970.00
3	30" x 30" Lane Control LED Sign (Red 'X'/Green Arrow)	10	EA	\$ 3,700.00	\$37,000.00
4	36" x 36" Custom LED Sign	10	EA	\$ 6,690.00	\$66,900.00
5	30" x 36" Custom LED Sign	10	EA	\$ 5,980.00	\$59,800.00
<b>GRAND TOTAL FOR SECTION</b>					<b>\$234,140.00</b>
<b>SECTION XI - Bluetooth Travel Time Data Collection Equipment</b>					
1	Bluetooth Antenna	15	EA	\$ 125.00	\$1,875.00
2	Bluetooth USB Adapter	15	EA	\$ 70.00	\$1,050.00

<b>3</b>	<b>Bluetooth Wireless Modem</b>	10	EA	\$ 1,900.00	\$19,000.00
<b>4</b>	<b>Rack mounted Iteris Velocity Bluetooth Data Collection Unit</b>	15	EA	\$ 3,900.00	\$58,500.00
<b>5</b>	<b>Point to Point Data Relay (low frequency)</b>	2	EA	\$ 2,600.00	\$5,200.00
<b>6</b>	<b>Point to Point Data Relay (high frequency)</b>	2	EA	\$ 2,400.00	\$4,800.00
<b>Technical Support</b>					
<b>7</b>	<b>Technical Support</b>	300	HR	\$ 125.00	\$37,500.00
<b>GRAND TOTAL FOR SECTION</b>					<b>\$127,925.00</b>
<b>GRAND TOTAL</b>					<b>\$2,813,324.64</b>