



AM Signal's Response to RFP 2024-132 Traffic Signal Maintenance & Repair Services

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8100 Southpark Way, Unit A-10
Littleton, CO 80120

Phone: 720-348-6925
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TXShare

Your Public Sector Solutions Center

REQUEST FOR PROPOSALS For

Traffic Signal Maintenance & Repair Services

RFP # 2024-132

Sealed proposals will be accepted until 2:00 PM CT, **October 2, 2024**, and then publicly opened and read aloud thereafter.

AM Signal, LLC

Legal Name of Proposing Firm

Gale Nation

Contact Person for This Proposal

Contract Manager / Estimator

Title

720-348-6925

Contact Person Telephone Number

Gale@amsignal.com

Contact Person E-Mail Address

8100 Southpark Way, Unit A10

Street Address of Principal Place of Business

Littleton, CO

City/State

80120

Zip

8100 Southpark Way, Unit A10

Mailing Address of Principal Place of Business

Littleton, CO

City/State

80120

Zip

Gale Nation

Point of Contact for Contract Negotiations

Contract Manager / Estimator

Title

720-348-6925

Point of Contact Telephone Number

Gale@amsignal.com

Point of Contact Person E-Mail Address

Acknowledgment of Addenda (initial): #1 _____ #2 _____ #3 _____ #4 _____ #5 _____

NOTE: Any confidential/proprietary information must be clearly labeled as “confidential/proprietary”. All proposals are subject to the Texas Public Information Act.

(Cover Sheet)

AM SIGNAL

TAB A – Capacity to Deliver

1. Describe and clearly indicate any exceptions to the specifications, options or alternatives as found in Section 4 of this RFP.

As a premier distributor of traffic signal control devices and Intelligent Transportation Systems, AM Signal, LLC is well-positioned to provide products under Category #3: Ancillary Services, Maintenance, Equipment & Supplies. Our offerings include new installations, replacements, and upgrades, all of which can seamlessly integrate with preventative maintenance and repair services. After careful review of the specifications outlined in Section 4 of this RFP, we confirm that we have no exceptions, alternatives, or deviations to propose.

2. Describe your firm's capabilities to deliver the products offered in a timely fashion.

As a stocking distributor, we collaborate closely with customers to maintain availability of high-demand products at our Colorado warehouse. Most orders are processed within 1-2 business days of receipt, excluding weekends and holidays. Our purchasing team proactively engages with vendors on a quarterly basis to stay informed of any potential supply chain challenges, ensuring our sales team has up-to-date information on lead times. This approach enables us to consistently meet or exceed delivery expectations while maintaining rigorous quality control standards.

AM Signals mission is to provide superior service and quality products in a timely manner.

3. List the business location(s) out of which your firm's team members will work from. You are encouraged to provide options to cover multiple geographic areas outside of Dallas/Fort Worth.

With one physical office location, AMS is headquartered in Colorado but we also have remote representatives offering local presence in Washington, California, Utah, Arizona, and Texas. For this RFP, the contract, orders and invoicing will be managed out of our Colorado office, located at 8100 Southpark Way, Unit A-10, Littleton, CO 80120.

Product and customer service and support will be provided by our Technical Sales Representatives, Manager and Director:

Christian Frau
Technical Sales Rep
Dallas/Fort Worth/Houston
Cell: 512.810.6422
Email: mark@amsignal.com

Mark Northcutt
Technical Sales Rep
South/East Texas
Cell: 832.768.6067
Email: christian@amsignal.com

Aaron Petronis
Technical Sales Manager
TX, AZ, UT, CO
Cell: 720.326.5700
Email: aaron@amsignal.com

Ben Thurkill
ITS Technical Director
TX, AZ, UT, CO, WA, CA
Cell: 720.486.6044
Email: ben@amsignal.com

4. Provide an overview of Proposer's organization, size, years in business, and experience; major clients; other information that you feel would assist in our evaluation process.

Founded in 2001, AM Signal has emerged as a prominent figure in the Rocky Mountain Region for the distribution of traffic signal control equipment and Intelligent Transportation Systems (ITS).

AMS represents approximately 30 vendors across all 14 states selling as many as 15 different product lines with multiple variations. AMS serves as a trusted representative and distributor for top-tier manufacturers of traffic signals devices and ITS systems including but not limited to, Miovision, Teledyne FLIR, Axis, Bosch, Pelco and APC Schneider just to name a few.



The AMS team currently consists of thirty-two employees who operate as an exceptionally cohesive group. Each position within the team plays a pivotal role in contributing to the achievements and success of AM Signal. AMS boasts a robust team of IMSA certified technicians, alongside a dedicated technical sales team, proficient operations staff, and comprehensive warehouse and back-office support. All senior management is hands-on in leading the company to success.

Throughout our twenty-three-year history, AM Signal has successfully secured numerous government contracts. Our commitment to customer satisfaction has positioned us as a trusted partner for municipalities and state agencies. Currently, we manage fifty-eight contracts throughout Arizona, California, Colorado, Texas, Washington, and Utah, reflecting our widespread presence and trusted reputation.



5. Please provide a description of how your firm intends to interact with the Customer while providing services.

At AM Signal, we prioritize clear and responsive communication with our customers. For inquiries or requests for quotes on products listed in the TXShare catalog, customers can reach us via email or phone. One of our sales representatives will answer any questions and can send the product data sheets or brochures. Once an order is placed, we send a sales order confirmation via email, and a dedicated operations manager will be assigned to the account. This manager will provide regular updates on the estimated time of arrival (ETA) and share tracking information to ensure transparency and timely delivery throughout the order process.

6. Describe your invoicing process. Payment terms? Is payment by credit card accepted? Is a deposit required?

AM Signal accepts payments via checks, ACH, and credit cards. Our invoicing process is initiated upon confirmation of delivery, at which point we issue an invoice with net 30 payment terms. No deposit is required prior to shipment, allowing for a straightforward and efficient transaction process.

7. Designate and provide names of specific contact person(s) for the following phases:

(1) Proposal evaluation process:

Gale Nation, Contract Manager / Estimator gale@amsignal.com

(2) Contracting process:

Brooke Hageny, Director of Inside Sales and Estimating brooke@amsignal.com

(3) Primary point of contact for receiving orders from participating agencies:

Gale Nation Contract Manager / Estimator sales@amsignal.com

8. Include a list of no more than five (5) similar contracts awarded within the last 5 years. These same five projects should be used as your references in Tab C.

- PCA Contract OD-358-21 Traffic Control Products, Services & Related Items
Awarded 12/13/2021 Expires 12/14/26
- PCA Contract OD-383-23 Traffic Control, Road Safety & Products & Services
Awarded 12/13/2021 Expires 12/14/26
- Maricopa County, AZ Contract 230200-C ITS Devices and Comm Equipment
Term: 11/01/2023 to 11/01/2028
- Utah Contract MA4621 Utah Vehicular & Pedestrian Signal Heads and Accessories
Awarded 08/12/2024 Expires 08/11/2029
- Denver, CO Contract SC-00007631 Traffic Signal Control Heads
Awarded 02/01/2023 Expires 02/01/2028

Other current contract or completed projects worth mentioning within the last five years include TXDOT–San Antonio Wrong Way Detection Systems, ADOT Traffic Signal Lighting and ITS Components Contract CTR071344, Scottsdale AZ Traffic Signal Equipment Detection Upgrade 062023-096, BuyBoard Traffic Signal Systems Contract 695-23, NTTA Wrong Way Driver Notification Contract 05879-NTT-00-GS-TM.

9. Identify any contracts within the past three years that were terminated due to non-performance.

None. Our track record demonstrates exceptional performance, as we have consistently met our obligations without any defaults on terminations.

10. Please state in your proposal what warranty or guarantee may apply to the goods or services you are proposing.

In addition to the standard warranty that comes with our products, AM Signal offers technical support and at no charge during the life of the products we represent.

- Fortran Traffic Signals – 1-year limited warranty
- Axis Communications – 3-year limited hardware warranty
- Miovision – 3-year limited hardware warranty
- Teledyne Flir – 3-year limited hardware

11. What is your standard response time for emergency traffic signal calls? Is this response available twenty-four (24) hours a day, including Saturdays, Sundays, and holidays? Please explain.

Not applicable to AM Signal and our response since we are only providing products, however, we do provide free support for all of our products throughout their lifetime. Our team of expert field support staff and technicians is available to assist customers, often resolving issues through phone calls or digital correspondence. If further troubleshooting is required, customers can contact AM Signal's dedicated project manager for assistance. In cases where an issue cannot be resolved in-house, we work closely with our top-tier vendors to ensure a swift and effective resolution.

Expected Critical response times for product support: Reply within 2-4 hours

Hours of response: Reply times are Monday through Friday from 7:00am to 4:00pm

12. What is your standard response time for non-emergency traffic signal calls? Please explain.

Not applicable to AM Signal and our response, however, we do provide free support for all of our products throughout their lifetime.

Expected response times for product support: Reply within 24 business hours

Hours of response: Reply times are Monday through Friday from 7:00am to 4:00pm

13. What repair parts can you provide and what expectation if any do you have of the Customer to provide the repair parts?

Not applicable to AM Signal and our response.

14. Provide your narrative response to Section 4.1 and 4.2 of this RFP.

AM Signal does not offer repair or maintenance services, so Sections 4.1 and 4.2 are not applicable to us, with the exception of 4.2.10 - Project Materials & Supplies to be Provided by Contractor. The product and pricing lists we are submitting for Category #3: Ancillary Services, Maintenance, Equipment & Supplies, include items that will benefit both contractors performing repair and maintenance services, as well as agencies purchasing our products. Our product offerings include Miovision systems, Axis CCTV cameras, Lanelight LED lighting and RRFB systems, and Fortran Signals. These products can be utilized for new installations, replacements, or upgrades to existing traffic signal systems.

15. Do you provide any training services to the Customer?

AM Signal provides training for all of our products upon customer request, as needed and as frequently as required. Training can be conducted on-site, in person, or through online webinars. We also supply all necessary training materials, including printed and electronic manuals, to ensure customers are fully supported in utilizing our products.

TAB B - Price Lists



**North Central Texas
Council of Governments**

**NCTCG RFP #2024-132
For Members of TXShare
Traffic Signal Maintenance & Repair Services**

Manufacturer	Product Line	Discount off List Price
Axis	CCTV Cameras	10%
Fortran	Traffic Signals	10%
Lanelight	LED Signs and Beacons	10%
Miovision	Video Detection & Fisheye Cameras	10%
Safepath	Wrong Way Detection & Warnings	10%
Teledyne Flir	Wrong Way Detection	10%
Moxa	Switches & Misc. Configurations	10%

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8100 Southpark Way #A10, Littleton, CO 80120

Ph: 720-348-6925 Em: Sales@amsignal.com

Gale Nation, Contract Manager

Ph: 720-749-1671 Em: Gale@amsignal.com

2024-Q3

EXHIBIT 1
CATEGORIES SELECTED, PRICING & CURRENT PUBLISHED PRICE LIST

- **Please place a checkmark next to each Category that you are offering in your proposal:**

☐ Service Category #1: Preventative Maintenance Services
☐ Service Category #2: Emergency & Non-Emergency Repair Services
☒ Service Category #3: Ancillary Service, Maintenance, Equipment & Supplies

- **Proposed Contractual Discounts on Pricing for Categories Offered**

For each of the categories you selected above, provide your proposed **discount** off your list price on the attached *Bid Price Worksheet*. You may offer tiers of discounts based on the different bid items or the sale quantity.

- **Current Published Price List for Items Offered**

For each of the bid items you wish to offer, please provide the current published list price. Please attach this information to your proposal on a separate sheet or via a weblink. Please match the Category item number from the Bid Price Worksheet to the matching item on your current published price list.

NOTE: The current price list will NOT be a part of your contractual obligation and may be modified at your discretion during the term of any contract that is awarded to you. You are however requested to provide us with an updated version of the current price list whenever it is updated. Only the percentage discount is contractually obligated.

BID PRICE WORKSHEET FOR RFP #2024-132

Category 1: Preventative Maintenance Services

Item	Description	% Discount Off Your Regular List Price
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1 Routine Maintenance for Traffic Signals

no bid

2 Opticom Inspection

no bid

Category 2: Emergency & Non-Emergency Repair Services

Item	Description	% Discount Off Your Regular List Price
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3 Labor & Equipment

no bid

4 Repair Parts & Materials

no bid

5 Mobilization

no bid

6 Traffic Control

no bid

7 Off-Duty Uniformed Law Enforcement Officers with Vehicle

no bid

Category 3: Ancillary Service, Maintenance, Equipment & Supplies

Item	Description	% Discount Off Unit List Price
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8

Describe Below:

A	Lanelight Traffic Technologies Catalog - RRFB, School Zone Flashers, Beacons, LED Enhanced Signs	10%
B	Miovision Fish-eye Cameras, Video Detection	10%
C	Axis CCTV and PTZ Cameras and accessories	10%

D	Moxa Switches	10%
E	Fortran Traffic Signals and Supplies	10%
F	Safepath Wrong Way Detection and Warnings	10%

EXHIBIT 2
SAMPLE MARKET BASKET FORM

For the items on the MARKET BASKET WORKSHEET, please enter your current unit price for the items you are offering in your proposal. If you do not provide one or more of the items on the MARKET BASKET WORKSHEET, please note as such on the worksheet. This form is for evaluation purposes only and will not be part of any awarded contract.

*** NOTE: These are hypothetical examples and do NOT represent an actual job to be performed. ***

Exhibit 2 - Market Basket Worksheet for RFP #2024-132

Category 1: Preventative Maintenance Services

Item	Description	(Assuming	Unit of	Current List	% Discount	Net Price After
	job location is 10 miles from your facility)		Measure	Price		Discount
1	Routine Maintenance of Signal					
2	Opticom Regular Inspection					

Emergency & Non-Emergency Repai

AM Signal, LLC will not be bidding Category 1 for Preventative Maintenance Services

Category 2: Emergency & Non-Emergency Repair Services

Item	Description	Unit of Measure	Current List Price	% Discount	Net Price After Discount
29	Mobilization				
30	Bucket Truck				
17	Travel Time				
18	Labor				
19	Labor - After Hours				
21	Traffic Control) - Off-Duty Uniformed Law Enforcement Officers with Vehicle				
22	Traffic Control - Advanced Warning Arrow Panel (Trailer Mounted, Electric, All Types)				
27	Traffic Control - Cone Reflectorized (25" min height)				
28	Traffic Control - Flags 24" X 24"				

AM Signal, LLC will not be bidding Category 2 for Emergency & Non-Emergency Repair Services



PTZ/CCTV/Fixed Dome Cameras

AXIS Communications

2024 - Q3



AXIS PTZ CAMERAS & ACCESSORIES

Item #	Product Family	Mfr Part #	Description	AMS List Price	10% Discount
1	Axis PTZ Cameras	01959-004	AXIS Q6135-LE 60HZ - PTZ camera with continues 360 degree pan and build in IR illumination (660ft) with 32x optical zoom, Autofocus and Focus Recall. HDTV 1080p @ 60fps (1920x1080) in Motion JPEG, H.264, H.265,	\$ 2,943.17	\$ 2,648.85
2	Axis PTZ Cameras	02188-004	AXIS M5000-G US - 15MP indoor panoramic camera with PTZ and 10x optical zoom. Panoramic part; 3x5MP sensors for 360 degrees surveillance PTZ part; HDTV 1080 (1920x1080) automatic day/night and autofocus.	\$ 1,332.15	\$ 1,198.93
3	Axis PTZ Cameras	02345-001	AXIS M5074 - Ceiling-mount mini PTZ dome camera with 5x Optical zoom and autofocusing, HDTV 720p (1280x720) 30fps in H.264/H.265 with Zipstream and Motion JPEG.	\$ 609.95	\$ 548.96
4	Axis PTZ Cameras	02347-004	AXIS M5075-G - Ceiling-mount mini PTZ dome camera with 5x Optical zoom and autofocusing, HDTV 1080p (1920x1080) 30fps in H.264/H.265 with Zipstream and Motion JPEG.	\$ 721.07	\$ 648.96
5	Axis PTZ Cameras	01146-001	AXIS M5525-E 60HZ - Discreet PTZ with HDTV 1080p, 1920x1080, 10x optical zoom, automatic day/night and autofocus. Continues 360 degree pan. WDR-	\$ 1,165.48	\$ 1,048.93
6	Axis PTZ Cameras	0589-001	AXIS P5415-E 60HZ - Intelligent Direct Drive PTZ camera with HDTV 1080p, day/night and 18x zoom, designed for mounting on a wall or building. No extra bracket are needed, build in junction box.	\$ 1,294.70	\$ 1,165.23
7	Axis PTZ Cameras	01759-001	AXIS P5654-E 60HZ - PTZ camera with 77 degree field of view, continues 360 degree pan for both indoor and outdoor with 21x optical zoom. HDTV 720p @ 60fps (1280x720) in H.264/265,	\$ 1,887.67	\$ 1,698.90
8	Axis PTZ Cameras TX	01682-004	AXIS P5655-E 60HZ - PTZ camera with continuous 360 degree pan for both indoor and outdoor with 32x optical zoom, Lightfinder 2, Autofocus and Focus Recall.	\$ 2,109.88	\$ 1,898.89
9	Axis PTZ Cameras	02616-004	AXIS Q3626-VE Advanced dome camera with remote adjustment by Pan, Tilt, Roll and Zoom (PTRZ). Includes a Deep Learning Processing Unit (DLPU) for advanced edge analytics.	\$ 1,554.35	\$ 1,398.92
10	Axis PTZ Cameras	02617-004	AXIS Q3628-VE Advanced dome camera with remote adjustment by Pan, Tilt, Roll and Zoom (PTRZ). Includes a Deep Learning Processing Unit (DLPU) for advanced edge analytics. Support for Forensic WDR, Lightfinder 2.0.	\$ 1,887.67	\$ 1,698.90
11	Axis PTZ Cameras AZ	01981-001	AXIS Q6010-E 60HZ - Outdoor-ready 360 degree situational awareness camera, comprising of 4x5MP sensors @ 20fps in H.264/H.265 Zipstream and Motion JPEG. Movable sensors with exchangeable lenses.	\$ 1,998.77	\$ 1,798.89
12	Axis PTZ Cameras	01968-004	AXIS Q6074 60HZ - Top performance PTZ camera with HDTV 720p @60fps 30x optical zoom for indoor use. IP52 rated. Zipstream with H.264/ H.265. Auto day/night functionality.	\$ 2,554.29	\$ 2,298.86
13	Axis PTZ Cameras AZ	01974-004	AXIS Q6074-E 60HZ - Top performance PTZ camera with HDTV 720p @60fps, 30x optical zoom, outdoor-ready, IP66, IK10 and NEMA 4x-rated. Zipstream with H.264/ H.265, Arctic Temperature Control	\$ 3,109.80	\$ 2,798.82
14	Axis PTZ Cameras	01750-004	AXIS Q6075 60HZ - Top performance PTZ camera with HDTV 1080p @60fps 40x optical zoom for indoor use. IP52 rated. Zipstream with H.264/ H.265. Auto day/night functionality. Continuous 360 degree rotation and 180 degree tilt with E-flip.	\$ 3,054.25	\$ 2,748.82
15	Axis PTZ Cameras AZ	01752-004	AXIS Q6075-E 60HZ - Top performance PTZ camera with HDTV 1080p @60fps, 40x optical zoom, outdoor-ready, IP66, IK10 and NEMA 4x-rated. Zipstream with H.264/ H.265, Arctic Temperature Control	\$ 3,665.33	\$ 3,298.79
16	Axis PTZ Cameras	02148-004	AXIS Q6078-E 60HZ - Top performance UHD 4K PTZ camera, 20x optical zoom, outdoor-ready, IP66, IK10 and NEMA 4x-rated. Zipstream with H.264/ H.265, Arctic Temperature Control	\$ 3,831.99	\$ 3,448.79
17	Axis PTZ Cameras	01711-001	AXIS Q6100-E 60HZ - Outdoor-ready 360 degree situational awareness camera, comprising of 4x5MP sensors @ 20fps in H.264/H.265 Zipstream and Motion JPEG. Movable sensors with exchangeable lenses. Autofocus, D/N.	\$ 1,998.77	\$ 1,798.89
18	Axis PTZ Cameras	0799-004	AXIS Q6128-E 60HZ - Compact, top performance 4K Comparable with SMPTE 2036 3840x2160 resolution in 30fps, (8MP). With 12x optical zoom for outdoor as well as indoor use.	\$ 3,831.99	\$ 3,448.79
19	Axis PTZ Cameras	02317-004	AXIS Q6225-LE 60HZ - PTZ for the toughest conditions. MIL specified, build in IR illumination 400M (1300t), can be mounted face up or face down. IP66/67/68, IK10, MIL 8105 521, NEMA TS2 for temperature up to 74C (165F), Arctic temperature control.	\$ 4,109.76	\$ 3,698.78

Item #	Product Family	Mfr Part #	Description	AMS List Price	10% Discount
20	Axis PTZ Cameras AZ TX	01925-004	AXIS Q6315-LE 60 Hz - High-end PTZ camera with HDTV 1080p @60fps, RGB sensor	\$ 3,609.77	\$ 3,248.79
21	Axis PTZ Cameras	02447-004	AXIS Q6318-LE 60 Hz US	\$ 3,831.99	\$ 3,448.79
22	Axis PTZ Cameras	0862-001	AXIS Q8685-E 24V AC/DC - High accuracy outdoor PTZ positioning camera. HDTV 1080p video, 30x optical zoom, focus recall, extreme light sensitivity and Axis Zipstream.	\$ 4,602.71	\$ 4,142.44
23	Axis PTZ Cameras	01838-001	AXIS Q8752-E 35 MM 30 FPS - High accuracy outdoor PTZ positioning Bispectral camera based on AXIS ARTPEC7 platform.	\$ 15,553.49	\$ 13,998.14
24	Axis PTZ Cameras	01839-001	AXIS Q8752-E 35 mm 8.3 fps	\$ 15,553.49	\$ 13,998.14
25	Axis PTZ Cameras	01841-001	AXIS Q8752-E ZOOM 30 FPS - High accuracy outdoor PTZ positioning Bispectral camera based on AXIS ARTPEC7 platform.	\$ 26,663.93	\$ 23,997.53
26	Axis PTZ Cameras	01840-001	AXIS Q8752-E Zoom 8.3 fps	\$ 26,663.93	\$ 23,997.53
27	Axis PTZ Cameras	01966-004	AXIS V5925 60 Hz - Generic PTZ camera with 30x zoom, autofocus and HDTV 1080p resolution at 60fps for live streaming of video and audio. Video conference design	\$ 2,387.64	\$ 2,148.88
28	Axis PTZ Cameras	02023-004	AXIS V5938 60 Hz - Generic PTZ camera with 20x zoom, autofocus and UHD 4K resolution at 60fps for live streaming of video and audio. Video conference design	\$ 3,665.33	\$ 3,298.79
29	Axis PTZ Cameras	0908-004 B1	B Stock: AXIS Q6055 60HZ	\$ 718.55	\$ 646.70
30	Axis PTZ Cameras	02516-001	High accuracy outdoor PTZ positioning camera. HDTV 1080p video, 31x optical zoom, focus recall, # sensor for extreme light sensitivity and Axis Lightfinder 2.	\$ 4,776.38	\$ 4,298.74
31	Axis PTZ Cameras	01980-001	Outdoor-ready 360 situational awareness camera, comprising of 4x5MP sensors @ 20fps in H.264/H.265 Zipstream and Motion JPEG. Movable sensors with exchangeable lenses.	\$ 1,998.77	\$ 1,798.89
32	Axis PTZ Cameras	02413-001	PTZ camera with QHD 2560x1440 @50fps or @60fps (4MP), 30x optical zoom with autofocus. IP66, IK10 and NEMA 4X. Zipstream with H.264/ H.265. Auto day/night, IR illumination 200M (660ft).	\$ 2,443.20	\$ 2,198.88
33	Axis PTZ Cameras	02414-001	PTZ camera with QHD 2560x1440 @50fps or @60fps (4MP), 30x optical zoom with autofocus. Auto day/night, IR illumination 200M (660ft). Continuous 360 rotation.	\$ 2,443.20	\$ 2,198.88
34	Axis PTZ Cameras	01751-002	Top performance PTZ camera with HDTV 1080p @50fps. Zipstream with H.264/ H.265, Arctic Temp Control enables operation and start up from -58 F to 122 F	\$ 3,665.33	\$ 3,298.79
35	Mounting/Hardware	02221-001	AXIS Q6010-E Solo kit - Kit for making a stand-alone AXIS Q6010-E installation without PTZ camera inside.	\$ 143.33	\$ 129.00
36	Mounting/Hardware	5801-721	AXIS T91L61 Wall and Pole Mount	\$ 132.22	\$ 119.00
37	Mounting/Hardware	02411-001	AXIS TQ5001-E Wall/Pole Mount AXC-02411001 □	\$ 176.56	\$ 158.90
38	Axis Video Encoders	01680-001	AXIS P7304 VIDEO ENCODER	\$ 476.65	\$ 428.99
39	Axis Accessories	5900-334	AXIS T8134 MIDSPAN 60W - High Power Over Ethernet 1 Port Midspan 60W	\$ 176.67	\$ 159.00
	All other AXIS PTZ & Dome Cameras and Accessories not listed take 10% off list price.				



AXIS Q6010-E
Network Camera



AXIS Q6135-LE PTZ
Network Camera



AXIS Q6075-E PTZ
Network Camera



AXIS P5655-E PTZ
Network Camera



TRAFFIC SIGNALS
FORTTRAN
2024 - Q3



SIGNALS					
Item #	Product Name		Product Description	List Price	10% Discount
1	1-SEC 12" GRN Cowl/Cap Visor	P301500	1 Section 12" Signal Housing, Led Ready, W/ Terminal Block, Poly, Green, and Cap Visors. Includes the Poly Joiner. Also available in Yellow or Black	\$ 66.97	\$ 60.27
2	1-SEC 12" GRN Tunnel Visor	P301510	1 Section 12" Signal Housing, Led Ready, W/ Terminal Block, Poly, Yellow and Tunnel Visors. Includes the Poly Joiner. Also available in Yellow or Black	\$ 74.58	\$ 67.12
3	2-SEC 12" GRN Cowl/Cap Visor	P326500	2 Section 12" Signal Housing, Led Ready, W/ Terminal Block, Poly, Green, and Visors. Includes the Poly Joiner. Also available in Yellow or Black	\$ 127.85	\$ 115.07
4	3-SEC 12" GRN BOLT KIT	P326500-US	3 Section 12" Signal Housing, Led Ready, W/ Terminal Block, Poly, Green, Tri-Bolt Joiner. Also available in Yellow or Black	\$ 234.40	\$ 210.96
5	3-SEC 12" GRN Poly Joiner	P399590-CO	4 Section 12" Signal Housing, Led Ready, W/ Terminal Block, Poly, Green. Includes the Poly Joiner. Also available in Yellow or Black	\$ 211.57	\$ 190.41
6	4-SEC 12" GRN Tri-Bolt Joiner	P396590-US	4 Section 12" Signal Housing, Led Ready, Poly, Green, Tunnel Visors. Includes the Poly Joiner and the Terminal Block with Male Quick Connects. Also available in Yellow or Black	\$ 295.28	\$ 265.75
7	4-SEC 12" GRN Poly Joiner	P396590-CO	4 Section 12" Signal Housing, Led Ready, Poly, Yellow, Tunnel Visors. Includes the Poly Joiner and the Terminal Block with Male Quick Connects. Also available in Yellow or Black	\$ 272.45	\$ 245.21
8	1-SEC 8" GRN Cowl/Cap Visor	P201500	1 Section 8" Signal Housing, Led Ready, W/ Terminal Block, Poly, Green, and Cap Visors. Also available in Yellow or Black	\$ 44.14	\$ 39.73
9	1-SEC 8" GRN Tunnel Visor	P201510	1 Section 8" Signal Housing, Led Ready, W/ Terminal Block, Poly, Green, and Tunnel Visors. Also available in Yellow or Black	\$ 50.23	\$ 45.21
10	3-SEC 8" GRN Cowl/Cap Visor	P299500	3 Section 8" Signal Housing, Led Ready, Poly, Green, and Visors. Included the Tri-bolt Joiner and the Terminal Block with the tabs quick joiner tabs. Also available in Yellow or Black	\$ 191.78	\$ 172.60
11	3-SEC 8" GRN Tunnel Visor	P299510	4 Section 8" Signal Housing, Led Ready, Poly, Green, and Visors. Included the Tri-bolt Joiner and the Terminal Block with the tabs quick joiner tabs. Also available in Yellow or Black	\$ 191.78	\$ 172.60
12	4-SEC 8" BLK Cowl/Cap Visor	P296000	4 Section 8" Signal Housing, Led Ready, Poly, Black, and Visors. Included the Tri-bolt Joiner and the Terminal Block with the tabs quick joiner tabs. Also available in Yellow or Green	\$ 226.79	\$ 204.11
13	4-SEC 8" BLK Tunnel Visor	P296010	4 Section 8" Signal Housing, Led Ready, Poly, Black, and Visors. Includes the Tri-bolt Joiner and the Terminal Block with the tabs quick joiner tabs. Also available in Yellow or Green	\$ 226.79	\$ 204.11
14	12" TUNNEL VISOR GRN	VIS043	12" Tunnel Visor, Poly Green. Also available in Yellow or Black	\$ 18.26	\$ 16.44
15	12" COWL/CAP VISOR GRN	VIS181	12" Cowl/Cap Visor, Poly Green. Also available in Yellow or Black	\$ 15.22	\$ 13.70
16	8" TUNNEL VISOR GRN	VIS071	8" Tunnel Visor, Poly Green. Also available in Yellow or Black	\$ 10.65	\$ 9.59
17	8" COWL/CAP VISOR GRN	VIS018	8" Cowl/Cap Visor, Poly Green. Also available in Yellow or Black	\$ 13.70	\$ 12.33
18	PED HOUSING 16X18 GRN CLAMSHELL	P1618GE-C	Poly Ped 16x18, Green Housing, Black Door, Empty, C/W Clamshell Installed (R or L)	\$ 264.84	\$ 238.36
19	PED HOUSING 16X18 GRN	P1618GE	Poly Ped 16x18, Green Housing, Black Door, Empty	\$ 143.07	\$ 128.77
20	Signals can come with Bolt Joiners or Poly Joiners; Poly Signals are available in Green, Black and Yellow. LED's not included in pricing. All other Forttran Products not listed, take 10% off list price				



Beacons & Warnings
Lanelight Traffic Technologies
2024 - Q3



RRFB Systems				
Item #	Product Name	Product Description	AMS List Price	10% Discount
1	LL-RRFB-AC-2	RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS, AC, CABINET, CONTROLLER	\$ 3,827.83	\$ 3,445.05
2	LL-RRFB-HW4	RRFB HW CROSSWALK, DUAL FACING, FOUR (4) LIGHTBARS, AC, CONTROLLER, CABINET, CABLES (200'), HARDWIRED INSTALLATION	\$ 6,429.70	\$ 5,786.73
3	LL-RRFB-1001001-MK-LI	RRFB RF ASSEMBLY SINGLE FACING, ONE (1) LIGHTBAR, 100 WATT SOLAR, 100Ah LITHIUM BATTERY, CABINET, CONTROLLER	\$ 5,404.00	\$ 4,863.60
4	LL-RRFB-100402-MK-LI	RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS, 100 WATT SOLAR, 40Ah LITHIUM BATTERY, CABINET, CONTROLLER	\$ 5,339.40	\$ 4,805.46
5	LL-RRFB-20201-MK-LI	RRFB RF ASSEMBLY SINGLE FACING, ONE (1) LIGHTBAR, 20 WATT SOLAR, 20AH LITHIUM BATTERY, CABINET, CONTROLLER	\$ 2,832.60	\$ 2,549.34
6	LL-RRFB-20201-MK-TP	TOP OF POLE RRFB RF ASSEMBLY SINGLE FACING, ONE (1) LIGHTBAR, 20 WATT SOLAR, 20Ah LiFe BATTERY, CABINET, CONTROLLER	\$ 3,264.92	\$ 2,938.43
7	LL-RRFB-20202-MK-LI	RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS, 20 WATT SOLAR, 20AH LITHIUM BATTERY, CABINET, CONTROLLER	\$ 3,332.47	\$ 2,999.22
8	LL-RRFB-20202-MK-TP	TOP OF POLE RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS, 20 WATT SOLAR, 20Ah LiFe BATTERY, CABINET, CONTROLLER	\$ 4,213.41	\$ 3,792.06
9	LL-RRFB-20204-MK-LI	RRFB RF ASSEMBLY DUAL FACING, FOUR (4) LIGHTBARS, 20 WATT SOLAR, 20AH LITHIUM BATTERY, CABINET, CONTROLLER	\$ 5,305.29	\$ 4,774.76
10	LL-RRFB-20401-MK-LI	RRFB RF ASSEMBLY SINGLE FACING, ONE (1) LIGHTBAR, 20 WATT SOLAR, 40AH LITHIUM BATTERY, CABINET, CONTROLLER	\$ 3,877.37	\$ 3,489.63
11	LL-RRFB-20401-MK-TP	RRFB RF ASSEMBLY SINGLE FACING, ONE (1) LIGHTBAR, 20 WATT SOLAR, 40AH LITHIUM BATTERY, TOP OF POLE CABINET, CONTROLLER	\$ 3,668.76	\$ 3,301.88
12	LL-RRFB-20402-MK-LI	RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS, 20 WATT SOLAR, 40AH LITHIUM BATTERY, CABINET, CONTROLLER	\$ 4,953.67	\$ 4,458.30
13	LL-RRFB-20402-MK-TP	TOP OF POLE RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS, 20 WATT SOLAR, 40Ah LiFe BATTERY, CABINET, CONTROLLER	\$ 4,503.33	\$ 4,053.00
14	LL-RRFB-20404-MK-LI	RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS & (2) ADDITIONAL LIGHTBARS, 20 WATT SOLAR, 40AH LITHIUM BATTERY, CABINET, CONTROLLER	\$ 7,169.31	\$ 6,452.38
15	LL-RRFB-50201-MK-LI	RRFB RF ASSEMBLY SINGLE FACING, ONE (1) LIGHTBAR, 50 WATT SOLAR, 20Ah LITHIUM BATTERY, CABINET, CONTROLLER	\$ 4,517.25	\$ 4,065.53
16	LL-RRFB-50201-MK-TP	TOP POLE RRFB RF ASSEMBLY DUAL FACING, TWO (1) LIGHTBAR, 50 WATT SOLAR, 20Ah LiFe BATTERY, CABINET, CONTROLLER	\$ 3,895.38	\$ 3,505.85
17	LL-RRFB-50202-MK-LI	RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS, 50 WATT SOLAR, 20Ah LITHIUM BATTERY, CABINET, CONTROLLER	\$ 5,371.71	\$ 4,834.54
18	LL-RRFB-50202-MK-TP	TOP OF POLE RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS, 50 WATT SOLAR, 20Ah LiFe BATTERY, CABINET, CONTROLLER	\$ 4,863.60	\$ 4,377.24
19	LL-RRFB-50401-MK-LI	RRFB RF ASSEMBLY SINGLE FACING, ONE (1) LIGHTBAR, 50 WATT SOLAR, 40Ah LITHIUM BATTERY, CABINET, CONTROLLER	\$ 5,066.25	\$ 4,559.63
20	LL-RRFB-50401-MK-TP	RRFB RF ASSEMBLY SINGLE FACING, ONE (1) LIGHTBAR, 50 WATT SOLAR, 40Ah LITHIUM BATTERY, TOP OF POLE CABINET, CONTROLLER	\$ 3,710.53	\$ 3,339.47
21	LL-RRFB-50402-MK-LI	RRFB RF ASSEMBLY DUAL FACING, TWO (2) LIGHTBARS, 50 WATT SOLAR, 40Ah LITHIUM BATTERY, CABINET, CONTROLLER	\$ 4,868.10	\$ 4,381.29

LED Enhanced Highway Signs				
Item #	Product Name	Product Description	AMS List Price	10% Discount
22	SN-247-W-24-CUSTOM	CUSTOM LED WARNING SIGN, 24", AMBER LEDs (8), 3M DG REFLECTIVE SHEETING, SOLAR POWERED, LITHIUM BATTERY PACKAGE 24/7, (PRINT AS PER CUSTOMER REQUIREMENT)	\$ 1,815.00	\$ 1,633.50
23	SN-247-W-30-CUSTOM	CUSTOM LED WARNING SIGN, 30", AMBER LEDs (8), 3M DG REFLECTIVE SHEETING, SOLAR POWERED, LITHIUM BATTERY PACKAGE 24/7, (PRINT AS PER CUSTOMER REQUIREMENT)	\$ 2,143.78	\$ 1,929.40
24	SN-247-W-30-SLOW DOWN-FYC	WARNING SIGN " SLOW DOWN ", 30", AMBER LEDs (8), 3M DG REFLECTIVE SHEETING, SOLAR POWERED, LITHIUM BATTERY PACKAGE 24/7	\$ 2,143.78	\$ 1,929.40
25	SN-247-W-30-SLOW-FY	WARNING SIGN " SLOW ", 30", AMBER LEDs (8), 3M DG REFLECTIVE SHEETING, SOLAR POWERED, LITHIUM BATTERY PACKAGE 24/7	\$ 2,143.78	\$ 1,929.40
26	SN-247-W-30-SLOW-FYG	WARNING SIGN " SLOW ", 30", AMBER LEDs (8), 3M DG REFLECTIVE SHEETING, SOLAR POWERED, LITHIUM BATTERY PACKAGE 24/7	\$ 2,143.78	\$ 1,929.40
27	SN-247-PS003L-6075-FYG (120V	PS-003 L, PEDESTRIAN SIGN, LEFT, 600MM x 750MM, AMBER LEDs (8), 3M DG REFLECTIVE SHEETING FLUORESCENT YELLOW GREEN, AC POWERED, 24/7 FLSHING	\$ 1,460.56	\$ 1,314.50
28	SN-247-PS003L-6075-W/B (120V	PS-003 L, PEDESTRIAN SIGN, LEFT, 600MM x 750MM, AMBER LEDs (8), 3M DG REFLECTIVE SHEETING BLACK / WHITE, AC POWERED, 24/7 FLASHING	\$ 1,460.56	\$ 1,314.50
29	SN-247-PS003R-6075-FYG (120V	PS-003 R, PEDESTRIAN SIGN, RIGHT, 600MM x 750MM, AMBER LEDs (8), 3M DG REFLECTIVE SHEETING FLUORESCENT YELLOW GREEN, AC POWERED, 24/7 FLASHING	\$ 1,460.56	\$ 1,314.50
30	SN-247-PS003R-6075-W/B (120V	PS-003 R, PEDESTRIAN SIGN, RIGHT, 600MM x 750MM, AMBER LEDs (8), 3M DG REFLECTIVE SHEETING BLACK / WHITE, AC POWERED, 24/7 FLASHING	\$ 1,971.44	\$ 1,774.30
31	SN-247-R1015A-30 (120V)	R10-15A, TURNING VEHICLE YIELD TO PEDESTRIAN SIGN, 30", AMBER LEDs (8), 3M DG REFLECTIVE SHEETING, AC POWERED, 24/7 FLASHING (RIGHT OR LEFT ARROW TBD)	\$ 1,711.11	\$ 1,540.00
32	SN-247-R1015A-36 (120V)	R10-15A, TURNING VEHICLE YIELD TO PEDESTRIAN SIGN, 36", AMBER LEDs (8), 3M DG REFLECTIVE SHEETING, AC POWERED, 24/7 FLASHING (RIGHT OR LEFT ARROW TBD)	\$ 2,076.56	\$ 1,868.90
33	SN-247-R1015L-30 (120V)	R10-15L, TURNING VEHICLE YIELD TO PEDESTRIAN SIGN, 30", AMBER LEDs (8), 3M DG REFLECTIVE SHEETING, AC POWERED, 24/7 FLASHING (RIGHT OR LEFT ARROW TBD)	\$ 1,711.11	\$ 1,540.00
34	SN-247-R1015L-36 (120V)	R10-15L, TURNING VEHICLE YIELD TO PEDESTRIAN SIGN, 36", AMBER LEDs (8), 3M DG REFLECTIVE SHEETING, AC POWERED, 24/7 FLASHING (RIGHT OR LEFT ARROW TBD)	\$ 2,076.56	\$ 1,868.90
SCHOOL ZONE FLASHER ASSEMBLIES				
Item #	Product Name	Product Description	AMS List Price	10% Discount
35	LL-B-SZ-1A-12-2020-MK-BT	SCHOOL ZONE FLASHER ASSEMBLY SINGLE (1), AMBER, 12" BEACON, 20W SOLAR PANEL W / MOUNT, 20AH LITHIUM BATTERY, BASIC CONTROLLER W / BLUETOOTH ADDED, CABINET, 20FT FLEX CONDUIT 1/2" & 4 FITTINGS, SIDE OF POLE INSTALLATION	\$ 3,627.78	\$ 3,265.00
36	LL-B-SZ-2A-12-2020-MK-BT	SCHOOL ZONE FLASHER ASSEMBLY DUAL (2), AMBER, 12" BEACON, 4.5" POLE MOUNT, 20W SOLAR PANEL W / MOUNT, 20AH LITHIUM BATTERY, BASIC CONTROLLER W / BLUETOOTH ADDED, CABINET, 20FT FLEX CONDUIT 1/2" & 4 FITTINGS	\$ 3,253.33	\$ 2,928.00
37	LL-B-SZ-2A-12-2020-MK-CL	SCHOOL ZONE FLASHER ASSEMBLY DUAL (2), AMBER, 12" BEACON, 4.5" POLE MOUNT, 20W SOLAR PANEL W / MOUNT, 20AH LITHIUM BATTERY, BASIC CONTROLLER W / CLOUD ADDED, CABINET, 20FT FLEX CONDUIT 1/2" & 4 FITTINGS	\$ 3,957.78	\$ 3,562.00
38	LL-B-SZ-2A-12-2020-MK-GPS	SCHOOL ZONE FLASHER ASSEMBLY DUAL (2), AMBER, 12" BEACON, 4.5" POLE MOUNT, 20W SOLAR PANEL W / MOUNT, 20AH LITHIUM BATTERY, BASIC CONTROLLER W / GPS ADDED, CABINET, 20FT FLEX CONDUIT 1/2" & 4 FITTINGS	\$ 3,957.78	\$ 3,562.00
	All other Lanelight products not listed, take 10% off list price.			



Miovision
Fisheye Cameras & Detection
2024 - Q3



Video Detection, Cameras & ATSPM Bundles				
Item #	Product Name	Product Description	AMS List Price	10% Discount
MIO Camera Assy	Miovision SmartView 360 Camera, Mount, Cable Assy	Miovision SmartView 360 - 360 degree camera with Mount, 300' Catv-5e.	\$ 2,930.76	\$ 2,637.68
MIO Full Sys Base	MIO Full System Base AZ	Miovision Full System Assembly: (1) MIO SmartView 360 Camera V1.1 Heated Bell Only (S), (1) MIO Core DCM (NA), (1) PENDANT MOUNT	\$ 14,102.56	\$ 12,692.31
AZ-1	AZ MIO Detection Plus Sys 1-Camera w/ cable	Miovision 1 Camera Detection System with Mount, Catv-5e Cable, Detection Plus Software	\$ 26,960.55	\$ 24,264.49
AZ-OP-1 1 - 99	Traffop ATSPM Base Assy for 1 - 99 Intersections	Includes Traffop Signal Performance Measures One-time Implementation Services, Installation Services for one intersection, 12 Months of Traffop subscription for one intersection. For each additional intersection, add \$195 for implementation services.	\$ 8,663.45	\$ 7,797.10
AZ-OP-2 > 100	Traffop ATSPM Base Assy for 100 Plus Intersections	Includes Traffop Signal Performance Measures One-time Implementation Services, Installation Services for one intersection, 12 Months of Traffop subscription for one intersection. For each additional intersection, add \$175 for implementation services.	\$ 8,462.16	\$ 7,615.94
1	Miovision SmartView 360	Miovision SmartView 360 - 360 degree camera including bell housing only.	\$ 2,314.78	\$ 2,083.30
2	Miovision SmartView Approach	The Miovision SmartView Approach is a per-approach camera adding advance detection capability.	\$ 2,077.56	\$ 1,869.80
3	Miovision Core (NA)	Miovision Core (NA) - Miovision Core wireless connectivity, telemetry and sensor platform.	\$ 4,120.33	\$ 3,708.30
4	Miovision Core DCM (No Discrete Detection) (NA)	Miovision Core DCM (NA) - Miovision Core wireless connectivity, telemetry and sensor platform with Detection and Counts Hardware Module (DCM)	\$ 13,327.78	\$ 11,995.00
5	Miovision Core DCM with Discrete Detection (NA)	Miovision DCM Upgrade (NA) - Miovision Detection and Counts Module upgrade device. Requires Miovision Core (NA) hardware.	\$ 13,327.78	\$ 11,995.00
6	Miovision DCM Upgrade (NA) (Discrete Detection)	Miovision DCM Upgrade (NA) - Miovision Detection and Counts Module upgrade device with discrete detection. Requires Miovision Core (NA) h/w.	\$ 11,516.22	\$ 10,364.60

Accessories				
Item #	Product Name	Product Description	AMS List Price	10% Discount
7	PoE Switch	PoE Switch to support Miovision Advanced Detection Camera	\$ 717.56	\$ 645.80
8	ALM Ethernet Extender Vi2301A	Ethernet Extender UTP, High Speed Single Port, Standard 10/100BaseT, 12VDC, 24 VAC, 60W, Vigitron Vi2301A **(2) units required per detector**	\$ 358.80	\$ 322.92
8.1	ANXTR VI2300WP	Ethernet Extender UTP, Single Port IP67 Weather Proof, High Speed, Standard 10/100BaseT, Vigitron Vi2300WP **(2) units required per detector**	\$ 360.34	\$ 324.31
9	Pelco Pendant Mount	Camera Bracket, Stellar, Miovision, Watertight Sch 40 Bent Tube w/ Extension, Cable, Alum. Height 84", Extension 21.5", Cable Length 84"	\$ 355.89	\$ 320.30
10	SKY SBC120-PEN	Pendant Camera Mount, 120" Galvanized Cable	\$ 261.44	\$ 235.30
11	Catv-5e Shielded Cable	Catv-5e Shielded Non-Plenum Data Cable, 4 Pair Solid, 24AWG, 350MHZ, Outdoor DB, Temp Rating -45°C to 75°C,	\$ 0.65	\$ 0.58
11.1	ALST 04-001-55 (1000ft)	Superior Essex / Cat 5 24/4PO Double Jacket Corrugated Rodent Resist 1000'	\$ 1,036.04	\$ 932.43
Contact AM Signal for full price list. For pricing or information on Traffieling Monitoring, Safety Analytics, Continuous Counts, Performance Measures or other ATSPM products, email your AZ Respresentative at matthew@amsignal.com				



SWITCHES

MOXA

2024 - Q3



MOXA				
Item #	Product Name/Part #	Product Description	AMS List Price	10% Discount
1	Moxa has an extensive product list of over 2,500 items including Industrial Network Security & Industrial Wireless Products, Industrial Computing, Industrial Network Infrastructure, Device Connectivity Products, Cybersecurity Products and Managed/Unmanaged Switches. Please contact your AM Signal Sales Rep for pricing on Moxa products not listed or for assistance on determining which Moxa product will best fit your needs.			
2	SFP-1GLHXLC	Small Form Factor pluggable transceiver with 1000BaseLHX, LC connector, 40 km, 0 to 60°C	\$ 895.44	\$ 805.89
3	SFP-1GLHXLC-T	Small Form Factor pluggable transceiver with 1000BaseLHX, LC connector, 40 km, -40 to 85°C	\$ 958.99	\$ 863.09
4	SFP-1GLSXLC	Small Form Factor pluggable transceiver with 1000BaseSX+, LC connector, 2Km, 0 to 60°C	\$ 327.69	\$ 294.92
5	SFP-1GLSXLC-T	Small Form Factor pluggable transceiver with 1000BaseSX+, LC connector, 2Km, -40 to 85°C	\$ 399.11	\$ 359.20
6	SFP-1GLXLC	Small Form Factor pluggable transceiver with 1000BaseLX, LC connector, 10 km, 0 to 60°C	\$ 296.66	\$ 266.99
7	SFP-1GLXLC-T	Small Form Factor pluggable transceiver with 1000BaseLX, LC connector, 10 km, -40 to 85°C	\$ 344.27	\$ 309.85
8	SFP-1GSXLC	Small Form Factor pluggable transceiver with 1000BaseSX, LC connector, 0.5 km, 0 to 60°C	\$ 165.58	\$ 149.02
9	SFP-1GSXLC-T	Small Form Factor pluggable transceiver with 1000BaseSX, LC connector, 0.5 km, -20 to 75°C	\$ 225.24	\$ 202.71
10	SFP-1GTXRJ45-T	SFP module with 10/100/1000 Base-T port, RJ-45 Connector, -40~75°C Operation Temperature	\$ 392.96	\$ 353.66
11	EDS-G509	Managed full Gigabit Ethernet switch with 4 10/100/1000BaseT(X) ports, and 5 combo 10/100/1000BaseT(X) or 100/1000BaseSFP	\$ 2,876.43	\$ 2,588.78
12	EDS-G509-T	Managed full Gigabit Ethernet switch with 4 10/100/1000BaseT(X) ports, and 5 combo 10/100/1000BaseT(X) or 100/1000BaseSFP	\$ 3,114.50	\$ 2,803.05
13	EDS-G512E-4GSFP	Managed full Gigabit Ethernet switch with 8 10/100/1000BaseT(X) ports, and 4 100/1000Base SFP slots, -10°C to 60°C operating temperature	\$ 1,666.26	\$ 1,499.63
14	EDS-G512E-4GSFP-T	Managed full Gigabit Ethernet switch with 8 10/100/1000BaseT(X) ports, and 4 100/1000Base SFP slots, -40°C to 75°C operating temperature	\$ 1,809.10	\$ 1,628.19
15	EDS-G512E-8PoE-4GSFP	12-port full Gigabit managed Ethernet switch, 8 10/100/1000BaseT PoE/PoE+ ports, 4 100/1000BaseSFP slots, -10 to 60°C operating temperature	\$ 2,185.48	\$ 1,966.93
16	EDS-G512E-8PoE-4GSFP-T	12-port full Gigabit managed Ethernet switch, 8 10/100/1000BaseT PoE/PoE+ ports, 4 100/1000BaseSFP slots, -40 to 75°C operating temperature	\$ 2,364.17	\$ 2,127.75
17	EDS-G516E-4GSFP	Managed full Gigabit Ethernet switch with 12 10/100/1000BaseT(X) ports, and 4 100/1000Base SFP slots, -10°C to 60°C operating temperature	\$ 2,083.02	\$ 1,874.72
18	EDS-G516E-4GSFP-T	Managed Full Gigabit Ethernet switch with 12 10/100/1000Base T(X) ports, and 4 100/1000Base SFP slots, -40C to 75C operating Temp	\$ 2,225.87	\$ 2,003.28
19	EDS-P506E-4PoE-2GTXSFP	Managed Ethernet PoE Switch with 4 PoE+/60W 10/100BaseT(X) ports, 2 combo 10/100/1000BaseT(X) or 100/1000BaseSFP ports, -10 to 60°C	\$ 1,285.07	\$ 1,156.56
20	EDS-P506E-4PoE-2GTXSFP-T	Managed Ethernet PoE Switch with 4 PoE+/60W 10/100BaseT(X) ports, 2 combo 10/100/1000BaseT(X) or 100/1000BaseSFP ports, -40 to 75°C	\$ 1,404.11	\$ 1,263.70
21	EDS-P510	Managed Gigabit Ethernet switch with 3 10/100BaseT(X) ports, 4 PoE 10/100BaseT(X) ports, and 3 10/100/1000BaseT(X) combo ports, 0 to 60°C	\$ 2,142.41	\$ 1,928.17
22	EDS-P510A-8PoE-2GTXSFP	Managed Ethernet PoE Switch with 8 PoE+ ports, 2 combo gigabit Ethernet ports, -10 to 60°C	\$ 1,725.64	\$ 1,553.08
23	EDS-P510A-8PoE-2GTXSFP-T	Managed Ethernet PoE Switch with 8 PoE+ ports, 2 combo gigabit Ethernet ports, -40 to 75°C	\$ 1,904.33	\$ 1,713.90
24	EDS-P510-T	Managed Gigabit Ethernet switch with 3 10/100BaseT(X) ports, 4 PoE 10/100BaseT(X) ports, and 3 10/100/1000BaseT(X) or 100/1000BaseSFP	\$ 2,321.10	\$ 2,088.99
For all other Moxa products not listed - 10% off list price.				



WRONG WAY DETECTION SYSTEMS
SAFEPATH
2024 - Q3



WRONG WAY DETECTION SYSTEMS - SAFEPATH				
Item #	Product Name/Number	Product Description	List Price	10% Discount
1	AC Detector Pole	AC Detection Pole Includes: Cabinet w/ WWA Controller w/ Modem + (2ea) Trafisense AI Thermal Sensor + (2ea) Smart Radar Unit + (1ea) Wrong Way Sign w/ LED Sign Ring RED. Poles not included	\$ 37,911.11	\$ 34,120.00
2	Solar Detector Pole (North)	Solar (North) Detection Pole Includes: Cabinet w/ WWA Controller w/ Modem + (2ea) Trafisense AI Thermal Sensor + (2ea) Smart Radar Unit + (1ea) Wrong Way Sign w/ LED Sign Ring RED + (1ea) Wrong Way Solar North Kit for Controller/Detector. Poles not included	\$ 45,719.54	\$ 41,147.59
3	Solar Detector Pole (South)	Solar (South) Detection Pole Includes: Cabinet w/ WWA Controller w/ Modem + (2ea) Trafisense AI Thermal Sensor + (2ea) Smart Radar Unit + (1ea) Wrong Way Sign w/ LED Sign Ring RED + (1ea) Wrong Way Solar South Kit for Controller/Detector. Poles not included	\$ 44,104.21	\$ 39,693.79
4	AC Warning Pole	AC Warning Pole Includes: (1ea) 42"x30" Wrong Way Sign w/ LED Sign Ring RED + (1ea) AC Collaborator	\$ 2,527.20	\$ 2,274.48
5	Solar Warning Pole (For Use w/ Radar)	Solar Warning Pole Includes: *FOR USE WITH RADAR* (1ea) 42"x30" Wrong Way Sign w/ LED Sign Ring RED + (1ea) AGM Collaborator + (1ea) 60W Solar Panel Kit	\$ 3,131.03	\$ 2,817.93
6	Solar Warning Pole	Solar Warning Pole Includes: (1ea) 42"x30" Wrong Way Sign w/ LED Sign Ring RED + (1ea) AGM Collaborator + (1ea) 30W Solar Panel Kit	\$ 2,977.78	\$ 2,680.00
7	Detector Pole Aluminum	Includes: 4",20' Sched 40 Alum Pole, Square Base Assy w/ Alum door, Collar Assy, Anchor Bolts	\$ 1,005.36	\$ 904.83
8	Detector Pole Steel	Includes: 4",25' Sched 40 Steel Pole, Square Base Assy w/ Alum door, Collar Assy, Anchor Bolts	\$ 1,641.38	\$ 1,477.24
9	Detector Pole + Solar Pole	Includes: 4",20' Sched 40 Alum Pole (Detection Equip), Square Base (2ea), Collar (2ea), Anchor Bolts (2ea) + 4",14' Sched 80 Alum Pole	\$ 2,147.13	\$ 1,932.41
10	Warning Pole Aluminum	Includes: 4",14' Sched 40 Alum Pole, Square Base Assy w/ Alum door, Collar Assy, Anchor Bolts	\$ 816.86	\$ 735.17
11	Trafisense AI ML (BPL) - Single Sensor	Flir Trafisense AI Sensor (FOV TBD) + Power Supply + BPL3 Stand Alone Board + Nema 3R Cabinet + 1,000' BPL Cable	\$ 8,732.57	\$ 7,859.31
12	Trafisense AI ML (Ethernet) - Single Sensor	Flir Trafisense AI Sensor (FOV TBD) + Power Supply + PoE Interface Board + Nema 3R Cabinet + 300' Cat5 Cable	\$ 7,065.13	\$ 6,358.62
13	SafePath 1 year Cell service	1 Year of Cellular CommAlert Service (TrafficCalm provided modem)	\$ 996.17	\$ 896.55
14	SafePath 10 year Cell service	10 Years of Cellular Comm Alert Service (TrafficCalm provided modem)	\$ 8,583.91	\$ 7,725.52
15	SafePath Base Pack	Enterprise Base Package - Includes up to 5 ramps + 2 work stations	\$ 10,421.46	\$ 9,379.31
16	SafePath Countermeasures Base Pack	Countermeasure Package - Includes up to 5 ramps + 2 work stations	\$ 16,252.87	\$ 14,627.59
17	SafePath 5 Site License	SafePath - 10 license pack (2 licenses per location)	\$ 1,727.20	\$ 1,554.48
18	SafePath 10 Site License	SafePath - 20 license pack (2 licenses per location)	\$ 3,278.16	\$ 2,950.34
19	SafePath 25 Site License	SafePath - 50 license pack (2 licenses per location)	\$ 7,765.36	\$ 6,988.83
20	SafePath 50 Site License	SafePath - 100 license pack (2 licenses per location)	\$ 14,663.60	\$ 13,197.24
21	SafePath 100 Site License	SafePath - 200 license pack (2 licenses per location)	\$ 27,600.00	\$ 24,840.00
22	SafePath 250 Site License	SafePath - 500 license pack (2 licenses per location)	\$ 64,690.80	\$ 58,221.72
23	SafePath CCTV License - 10 cameras	SafePath - 10 license pack (1 license per CCTV camera)	\$ 1,727.20	\$ 1,554.48
24	SafePath DMS License - 5 DMS	SafePath - 10 license pack (2 licenses per DMS)	\$ 1,727.20	\$ 1,554.48
25	SafePath Two Workstation License	SafePath Workstation - 10 License pack (5 per workstation)	\$ 1,727.20	\$ 1,554.48
	FOR CUSTOM CONFIGURATIONS PLEASE CALL FOR PRICING - 10% DISCOUNT OFF LIST			



WRONG WAY VIDEO DETECTION
TELEDYNE FLIR
2024 - Q3



TRAFISENSE AI/TRAFIONE/TRAFIRADAR/TRAFISENSE2 DUAL

Item #	Product Name/Number	Product Description	List Price	10% Discount
1	TRAFISENSE CAMERA XXX ETH	TRAFISENSE XXX, ETH, CAMERA, 17 DEGREE HORIZONTAL FOV, 10-7048, W/ SUNSHIELD. (XXX= 317, 325, 335, 345, 390)	discontinued - replaced with Trafisense AI Cameras	
2	TRAFISENSE 4/Os XP	4/Os xp. Edge - Output Expansion Board - 4 outputs - single slot - US Edge Connector (TrafISense, TrafICam & TrafIRadar) #10-4670	\$ 446.03	\$ 401.43
3	TI x-stream BPL - 16 outputs	TI x-stream BPL - 16 outputs 10-6085	\$ 1,426.98	\$ 1,284.29
4	TI XP BLP - EXP BOARD	TI xp. BPL - Expansion board (TrafICam, TrafIRadar & TrafISense BPL) #10-6044	\$ 641.27	\$ 577.14
5	TRAFIONE 195	ALL-IN-ONE Sensor for ped and vehicles, thermal detection & wifi tracking, 8 detection zones, 95 degree lens FOV incl HD visual stream license #10-7070	\$ 2,549.21	\$ 2,294.29
6	TRAFIONE 156	ALL-IN-ONE Sensor for ped and vehicles, thermal detection & wifi tracking, 8 detection zones, 56 degree lens FOV incl HD visual stream license #10-7075	\$ 2,549.21	\$ 2,294.29
7	TrafiOne PED Counting Fee	TrafiOne pedestrian counting license fee - optionally, to be ordered in addition with 10-7070 or 10-7075. #10-7077	\$ 641.27	\$ 577.14
8	TrafiOne Vehicle Presence License Fee	TrafiOne vehicle presence license fee - optionally, to be ordered in addition with 10-7070 #10-7078	\$ 641.27	\$ 577.14
9	TRAFISENSE2 DUAL XXX	TrafiSense2 Dual XXX - Thermal VGA/XX° HFOV/30Hz, Visual HD/5-50° HFOV/XXHz, including sunshield; 645- #10-7578, 645- #10-7574 ,632- #10-7576	\$ 8,587.30	\$ 7,728.57
10	TrafiSense AI 690 - VGA/90	TrafiSense AI 690 - VGA, 90° H FOV, 30Hz, including sunshield #10-7750 (non Wi-Fi #10-7751)	\$ 5,914.29	\$ 5,322.86
11	TrafiSense AI 645- VGA/45	TrafiSense AI 645- VGA, 45° H FOV, 30Hz, including sunshield #10-7754 (non Wi-Fi #10-7755)	\$ 5,914.29	\$ 5,322.86
12	TrafiSense AI 632 - VGA/32	TrafiSense AI 632 - VGA, 32° H FOV, 30Hz, including sunshield #10-7756 (non Wi-Fi #10-7757)	\$ 5,914.29	\$ 5,322.86
13	Premium Traffic Data License Fee AI	Premium Traffic Data License Fee - optionally, to be ordered in addition with article 10-775X #10-7499AI	\$ 2,139.68	\$ 1,925.71
14	4I/O USB 10-4675	Input/Output expansion board - 4 outputs - single slot - US Edge Connector (TrafICam, TrafiOne, TrafISense2, Trafisense2 Dual) #10-4675	\$ 446.03	\$ 401.43
15	Ethernet interface #10-6075	Ethernet interface #10-6075 DIN RAIL MOUNT (TrafIOne)	\$ 268.25	\$ 241.43
16	FLIR PoE Interface #10-7320	FLIR PoE Interface #10-7320 (TrafICam, TrafiOne, Trafisense2 Dual)	\$ 268.25	\$ 241.43
17	TI BPL3 Interface - 16 outputs	TI BPL3 interface - Power Line Interface - 16 outputs 10-7720	\$ 1,426.98	\$ 1,284.29
18	TI BPL3 EDGE B&SIU - 4 outputs	TI BPL3 Edge B&SIU 4 outputs, SDLC dble slot US Edge Conn 10-7725	\$ 1,766.67	\$ 1,590.00
19	Spare Rain Shield	Spare Rain Shield - for 10-7075	\$ 63.49	\$ 57.14
20	Spare Power / BPL conn (3 wires)	Spare Power / BPL Connector #CNCIR004F7 (3Wires)	\$ 63.49	\$ 57.14
21	Spare Power Conn (3 wires)	Spare Power Connector #CNCIR004F6 (3 Wires)	\$ 63.49	\$ 57.14
22	Spare Conn (TrafISense2 & Dual)	Spare Connector - 8 pins - BPL2 - PoE #CNCIR008F1	\$ 63.49	\$ 57.14
23	Spare Wrench	Spare Wrench - tool for applying right torque cable gland #TOOL160620	\$ 19.05	\$ 17.14

Flir Flux Cascade Software

Item #	Product Name/Number	Product Description	List Price	10% Discount
24	10-0165	FLUX License – DL Engine / channel - TMS	\$ 208.80	\$ 187.92
45	10-0176	FLIR Cascade Cloud 1 sensor 1Y subsc.	\$ 600.00	\$ 540.00
26	10-0181	FLIR Cascade Base standalone license	\$ 3,600.00	\$ 3,240.00
27	10-0186	FLIR Cascade Email Plugin 1 Chan.	\$ 30.00	\$ 27.00
28	10-0188	FLIR Cascade SW ass. 1 chan. 1Y subsc.	\$ 21.60	\$ 19.44
29	10-0193	FLIR Cascade Support per chan. 1Y subsc.	\$ 60.00	\$ 54.00
30	10-0198	FLIR Cascade IO plugin 1 Chan.	\$ 30.00	\$ 27.00
	Other Teledyne Flir products not listed - take 10% off list price		10%	



TAB C – References

Purchasing Cooperative of America (PCA) 2 Cooperative Contracts

Awarding Agency: O'Donnell, TX

Contract: OD-358-21 Traffic Control Products, Services & Related Items

Term: 12/13/2021 to 12/12/2026

Contract: OD-383-23 Traffic Control, Road Safety & Related Products & Services

Term: 04/12/2023 to 04/12/2028

Contact: Elaine Nichols, Director

Email: Elaine@pcamerica.org

Description: AM Signal provides a catalog of discounted pricing on several of our traffic control and road safety products through two PCA cooperative contracts, which is available in 13 states.

Maricopa County, AZ Office of Procurement Services

Contract: 230200-C Intelligent Transportation System (ITS) Devices and Comm Equipment

Term: 11/01/2023 to 11/01/2028

Contact: Jack Koeller, Procurement Services

Email: Jack.Koeller@maricopa.gov

Description: AM Signal provides a catalog of discounted pricing on over 19 of our manufacturer's product lists for ITS Devices, Communication Equipment and Traffic Signal Supplies. It is cooperative throughout the state of Arizona and is available to other states through interlocking agreements.

Utah Division of Purchasing

Contract: MA4621 Utah Vehicular and Pedestrian Signal Heads and Accessories

Term: 08/12/2024 to 08/11/2029

Contact: Rebekah Meier

Email: rmeier@utah.gov

Description: AM Signal provides UDOT and Utah agencies their McCain/Leotek/Pelco traffic supplies to include LED Signal and Pedestrian Modules, Signal Heads, and Signal Head Mounting Brackets. AM Signal has had contracts with Utah/UDOT for traffic signal supplies since 2015.

City and County of Denver, CO

Contract: SC-00007631 Traffic Signal Control Heads

Term: 02/01/2023 – 02/01/2028

Contact: Jesse Sitzman

Email: Jesse.Sitzman@denvergov.org

Description: AM Signal provides Denver, CO their traffic signal supplies, including signal heads, LEDs, and backplates. This contract is cooperative throughout the state of Colorado.

EXHIBIT 3**SERVICE DESIGNATION AREAS**

Texas Service Area Designation or Identification			
Proposing Firm Name:	AM Signal, LLC		
Notes:	Indicate in the appropriate box whether you are proposing to service the entire state of Texas		
	Will service the entire state of Texas <input checked="" type="checkbox"/>	Will not service the entire state of Texas	
	If you are not proposing to service the entire state of Texas, designate on the form below the regions that you are proposing to provide goods and/or services to. By designating a region or regions, you are certifying that you are willing and able to provide the proposed goods and services.		
Item	Region	Metropolitan Statistical Areas	Designated Service Area
1.	North Central Texas	16 counties in the Dallas-Fort Worth Metropolitan area	
2.	High Plains	Amarillo Lubbock	
3.	Northwest	Abilene Wichita Falls	
4.	Upper East	Longview Texarkana, TX-AR Metro Area Tyler	
5.	Southeast	Beaumont-Port Arthur	
6.	Gulf Coast	Houston-The Woodlands-Sugar Land	
7.	Central Texas	College Station-Bryan Killeen-Temple Waco	
8.	Capital Texas	Austin-Round Rock	
9.	Alamo	San Antonio-New Braunfels Victoria	
10.	South Texas	Brownsville-Harlingen Corpus Christi Laredo McAllen-Edinburg-Mission	
11.	West Texas	Midland Odessa San Angelo	
12.	Upper Rio Grande	El Paso	

(Exhibit 3 continued on next page)

(Exhibit 3 continued)

Nationwide Service Area Designation or Identification Form							
Proposing Firm Name:	AM Signal, LLC						
Notes:	<p>Indicate in the appropriate box whether you are proposing to provide service to all Fifty (50) States.</p> <table border="1"> <tr> <td>Will service all fifty (50) states</td> <td>Will not service fifty (50) states X</td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>If you are not proposing to service to all fifty (50) states, then designate on the form below the states that you will provide service to. By designating a state or states, you are certifying that you are willing and able to provide the proposed goods and services in those states.</p> <p>If you are only proposing to service a specific region, metropolitan statistical area (MSA), or City in a State, then indicate as such in the appropriate column box.</p>			Will service all fifty (50) states	Will not service fifty (50) states X		
Will service all fifty (50) states	Will not service fifty (50) states X						
Item	State	Region/MSA/City (write "ALL" if proposing to service entire state)	Designated as a Service Area				
1.	Alabama						
2.	Alaska						
3.	Arizona	All					
4.	Arkansas						
5.	California						
6.	Colorado	All					
7.	Connecticut						
8.	Delaware						
9.	Florida						
10.	Georgia						
11.	Hawaii						
12.	Idaho	All					
13.	Illinois						
14.	Indiana						
15.	Iowa						
16.	Kansas						
17.	Kentucky						
18.	Louisiana						
19.	Maine						

20.	Maryland		
21.	Massachusetts		
22.	Michigan		
23.	Minnesota		
24.	Mississippi		
25.	Missouri		
26.	Montana		
27.	Nebraska		
28.	Nevada		
29.	New Hampshire		
30.	New Jersey		
31.	New Mexico	All	
32.	New York		
33.	North Carolina		
34.	North Dakota		
35.	Ohio		
36.	Oregon	All	
37.	Oklahoma		
38.	Pennsylvania		
39.	Rhode Island		
40.	South Carolina		
41.	South Dakota		
42.	Tennessee		
43.	Texas	All	
44.	Utah		
45.	Vermont		
46.	Virginia		
47.	Washington	All	
48.	West Virginia		
49.	Wisconsin		
50.	Wyoming	All	

TAB D - Required Attachments

ATTACHMENT I: INSTRUCTIONS FOR PROPOSALS COMPLIANCE AND SUBMITTAL

REQUIRED ATTACHMENT CHECKLIST

This checklist is provided as a courtesy to responding firms. Please utilize this checklist to ensure that all required attachments are included with your proposal. IF AN ATTACHMENT DOES NOT APPLY, PLEASE MARK AS “**NOT APPLICABLE**” AND SUBMIT WITH THE PROPOSAL. **FAILURE TO SUBMIT ALL REQUIRED DOCUMENTS MAY NEGATIVELY IMPACT YOUR EVALUATION SCORE.**

- ☒ Cover Sheet
- ☒ Exhibit 1: Categories Selected, Pricing & Current Published Price List
- ☒ Exhibit 2: Sample Market Basket Form
- ☒ Exhibit 3: Service Area Designation Forms
- ☒ Attachment I: Instructions for Proposals Compliance and Submittal
- ☒ Attachment II: Certification of Offeror
- ☒ Attachment III: Certification Regarding Debarment
- ☒ Attachment IV: Restrictions on Lobbying
- ☒ Attachment V: Drug-Free Workplace Certification
- ☒ Attachment VI: Certification Regarding Disclosure of Conflict of Interest
- ☒ Attachment VII: Certification of Fair Business Practices
- ☒ Attachment VIII: Certification of Good Standing Texas Corporate Franchise Tax Certification
- ☒ Attachment IX: Historically Underutilized Businesses, Minority Or Women-Owned Or Disadvantaged Business Enterprises
- ☒ Attachment X: Federal and State of Texas Required Procurement Provisions
- ☒ Attachment XI: Conflict of Interest Questionnaire

Compliance with the Solicitation

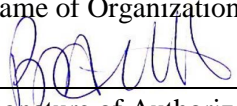
Submissions must be in strict compliance with this solicitation. Failure to comply with all provisions of the solicitation may result in disqualification. You recognize that all proposals must be submitted electronically through PublicPurchase.com by the RFP due date and time. All other forms of submissions will be deemed nonresponsive and will not be opened or considered.

Acknowledgment of Insurance Requirements

By signing its submission, you acknowledge that it has read and understands the insurance requirements for the submission. You also understand that the evidence of required insurance may be requested to be submitted within ten (10) working days following notification of its offer being accepted; otherwise, NCTCOG may rescind its acceptance of your proposal. The insurance requirements are outlined in Section 6.4.

AM Signal, LLC

Name of Organization/Contractor



Signature of Authorized Representative

Brooke Hagney, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

Date

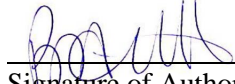
**ATTACHMENT II:
CERTIFICATIONS OF OFFEROR**

I hereby certify that the information contained in this proposal and any attachments is true and correct and may be viewed as an accurate representation of proposed services to be provided by this organization. I certify that no employee, board member, or agent of the North Central Texas Council of Governments has assisted in the preparation of this proposal. I agree that failure to submit all requested information may result in rejection of this proposal as non-responsive. I acknowledge that I have read and understand the requirements and provisions of the solicitation and that the organization will comply with the regulations and other applicable local, state, and federal regulations and directives in the implementation of this contract.

I also certify that I have read and understood all sections of this solicitation and will comply with all the terms and conditions as stated; and furthermore that I, Brooke Hageny (typed or printed name) certify that I am the Director of Inside Sales and Estimating (title) of the corporation, partnership, or sole proprietorship, or other eligible entity named as you and you herein and that I am legally authorized to sign this offer and to submit it to the North Central Texas Council of Governments, on behalf of said Offeror by authority of its governing body.

AM Signal, LLC

Name of Organization/Contractor



Signature of Authorized Representative

Brooke Hageny, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

Date

ATTACHMENT III:
CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS

This certification is required by the Federal Regulations Implementing Executive Order 12549, Debarment and Suspension, 45 CFR Part 93, Government-wide Debarment and Suspension, for the Department of Agriculture (7 CFR Part 3017), Department of Labor (29 CFR Part 98), Department of Education (34 CFR Parts 85, 668, 682), Department of Health and Human Services (45 CFR Part 76).

The undersigned certifies, to the best of his or her knowledge and belief, that both it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency;
2. Have not within a three-year period preceding this contract been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or Local) transaction or contract under a public transaction, violation of federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false Proposals, or receiving stolen property;
3. Are not presently indicated for or otherwise criminally or civilly charged by a government entity with commission of any of the offense enumerated in Paragraph (2) of this certification; and,
4. Have not within a three-year period preceding this contract had one or more public transactions terminated for cause or default.

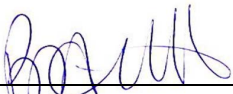
Where the prospective recipient of federal assistance funds is unable to certify to any of the qualifications in this certification, such prospective recipient shall attach an explanation to this certification form.

AM Signal, LLC

Name of Organization/Contractor(s):

CK2DDDPJJXX9

SAM.GOV Unique Identity ID:



Signature of Authorized Representative

Brooke Hagney, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

Date

O

**ATTACHMENT IV:
RESTRICTIONS ON LOBBYING**

Section 319 of Public Law 101-121 prohibits recipients of federal contracts, grants, and loans exceeding \$100,000 at any tier under a federal contract from using appropriated funds for lobbying the Executive or Legislative Branches of the federal government in connection with a specific contract, grant, or loan. Section 319 also requires each person who requests or receives a federal contract or grant in excess of \$100,000 to disclose lobbying.

No appropriated funds may be expended by the recipient of a federal contract, loan, or cooperative agreement to pay any person for influencing or attempting to influence an officer or employee of any federal executive department or agency as well as any independent regulatory commission or government corporation, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any of the following covered federal actions: the awarding of any federal contract, the making of any federal grant, the making of any federal loan the entering into of any cooperative agreement and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

As a recipient of a federal grant exceeding \$100,000, NCTCOG requires its subcontractors of that grant to file a certification, set forth in Appendix B.1, that neither the agency nor its employees have made, or will make, any payment prohibited by the preceding paragraph.

Subcontractors are also required to file with NCTCOG a disclosure form, set forth in Appendix B.2, if the subcontractor or its employees have made or have agreed to make any payment using nonappropriated funds (to include profits from any federal action), which would be prohibited if paid for with appropriated funds.

(Attachment continued on next page)

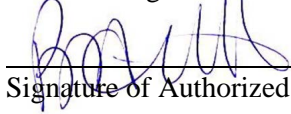
**LOBBYING CERTIFICATION
FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS**

The undersigned certifies, to the best of his or her knowledge or belief, that:

1. No federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an officer or employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal loan, the entering into of any cooperative Contract, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative contract; and
2. If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, and or cooperative contract, the undersigned shall complete and submit Standard Form – LLL, “Disclosure Form to Report Lobbying”, in accordance with the instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers and that all sub-recipients shall certify accordingly.

AM Signal, LLC

Name of Organization/Contractor



Signature of Authorized Representative

Brooke Hageny, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

Date

**ATTACHMENT V:
DRUG-FREE WORKPLACE CERTIFICATION**

The AM Signal, LLC (company name) will provide a Drug Free Work Place in compliance with the Drug Free Work Place Act of 1988. The unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited on the premises of the AM Signal, LLC (company name) or any of its facilities. Any employee who violates this prohibition will be subject to disciplinary action up to and including termination. All employees, as a condition of employment, will comply with this policy.

CERTIFICATION REGARDING DRUG-FREE WORKPLACE

This certification is required by the Federal Regulations Implementing Sections 5151-5160 of the Drug-Free Workplace Act, 41 U.S.C. 701, for the Department of Agriculture (7 CFR Part 3017), Department of Labor (29 CFR Part 98), Department of Education (34 CFR Parts 85, 668 and 682), Department of Health and Human Services (45 CFR Part 76).

The undersigned subcontractor certifies it will provide a drug-free workplace by:

Publishing a policy Proposal notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the consequences of any such action by an employee;

Establishing an ongoing drug-free awareness program to inform employees of the dangers of drug abuse in the workplace, the subcontractor's policy of maintaining a drug-free workplace, the availability of counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed on employees for drug violations in the workplace;

Providing each employee with a copy of the subcontractor's policy Proposal;

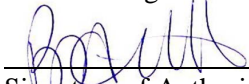
Notifying the employees in the subcontractor's policy Proposal that as a condition of employment under this subcontract, employees shall abide by the terms of the policy Proposal and notifying the subcontractor in writing within five days after any conviction for a violation by the employee of a criminal drug abuse statute in the workplace;

Notifying the Board within ten (10) days of the subcontractor's receipt of a notice of a conviction of any employee; and,

Taking appropriate personnel action against an employee convicted of violating a criminal drug statute or requires such employee to participate in a drug abuse assistance or rehabilitation program.

AM Signal, LLC

Name of Organization/Contractor



Signature of Authorized Representative

Brooke Hageny, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

Date

**ATTACHMENT VI:
CERTIFICATION REGARDING DISCLOSURE OF CONFLICT OF INTEREST**

The undersigned certifies that, to the best of his or her knowledge or belief, that:

“No employee of the contractor, no member of the contractor’s governing board or body, and no person who exercises any functions or responsibilities in the review or approval of the undertaking or carrying out of this contract shall participate in any decision relating to this contract which affects his/her personal pecuniary interest.

Executives and employees of contractor shall be particularly aware of the varying degrees of influence that can be exerted by personal friends and associates and, in administering the contract, shall exercise due diligence to avoid situations which give rise to an assertion that favorable treatment is being granted to friends and associates. When it is in the public interest for the contractor to conduct business with a friend or associate of an executive or employee of the contractor, an elected official in the area or a member of the North Central Texas Council of Governments, a permanent record of the transaction shall be retained.

Any executive or employee of the contractor, an elected official in the area or a member of the NCTCOG, shall not solicit or accept money or any other consideration from a third person, for the performance of an act reimbursed in whole or part by contractor or Department. Supplies, tools, materials, equipment or services purchased with contract funds shall be used solely for purposes allowed under this contract. No member of the NCTCOG shall cast a vote on the provision of services by that member (or any organization which that member represents) or vote on any matter which would provide a direct or indirect financial benefit to the member or any business or organization which the member directly represents”.

No officer, employee or paid consultant of the contractor is a member of the NCTCOG.

No officer, manager or paid consultant of the contractor is married to a member of the NCTCOG.

No member of NCTCOG directly owns, controls or has interest in the contractor.

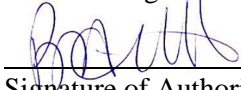
The contractor has disclosed any interest, fact, or circumstance that does or may present a potential conflict of interest.

No member of the NCTCOG receives compensation from the contractor for lobbying activities as defined in Chapter 305 of the Texas Government Code.

Should the contractor fail to abide by the foregoing covenants and affirmations regarding conflict of interest, the contractor shall not be entitled to the recovery of any costs or expenses incurred in relation to the contract and shall immediately refund to the North Central Texas Council of Governments any fees or expenses that may have been paid under this contract and shall further be liable for any other costs incurred or damages sustained by the NCTCOG as it relates to this contract.

AM Signal, LLC

Name of Organization/Contractor



Signature of Authorized Representative:

Brooke Hagney, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

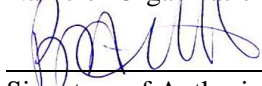
Date

**ATTACHMENT VII:
CERTIFICATION OF FAIR BUSINESS PRACTICES**

That the submitter has not been found guilty of unfair business practices in a judicial or state agency administrative proceeding during the preceding year. The submitter further affirms that no officer of the submitter has served as an officer of any company found guilty of unfair business practices in a judicial or state agency administrative during the preceding year.

AM Signal, LLC

Name of Organization/Contractor



Signature of Authorized Representative

Brooke Hageny, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

Date

**ATTACHMENT VIII:
CERTIFICATION OF GOOD STANDING
TEXAS CORPORATE FRANCHISE TAX CERTIFICATION**

Pursuant to Article 2.45, Texas Business Corporation Act, state agencies may not contract with for profit corporations that are delinquent in making state franchise tax payments. The following certification that the corporation entering into this offer is current in its franchise taxes must be signed by the individual authorized on Form 2031, Corporate Board of Directors Resolution, to sign the contract for the corporation.

The undersigned authorized representative of the corporation making the offer herein certified that the following indicated Proposal is true and correct and that the undersigned understands that making a false Proposal is a material breach of contract and is grounds for contract cancellation.

Indicate the certification that applies to your corporation:

 X


The Corporation is a for-profit corporation and certifies that it is not delinquent in its franchise tax payments to the State of Texas.

The Corporation is a non-profit corporation or is otherwise not subject to payment of franchise taxes to the State of Texas.

Type of Business (if not corporation): ☐ Sole Proprietor
 ☐ Partnership
 ☐ Other

Pursuant to Article 2.45, Texas Business Corporation Act, the North Central Texas Council of Governments reserves the right to request information regarding state franchise tax payments.

AM Signal, LLC
Name of Organization/Contractor


Signature of Authorized Representative

Brooke Hageny, Director of Inside Sales and Estimating
Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024
Date

**ATTACHMENT IX:
HISTORICALLY UNDERUTILIZED BUSINESSES, MINORITY OR WOMEN-OWNED OR
DISADVANTAGED BUSINESS ENTERPRISES**

Historically Underutilized Businesses (HUBs), minority or women-owned or disadvantaged businesses enterprises (M/W/DBE) are encouraged to participate in the solicitation process.

NCTCOG recognizes the certifications of most agencies. This applies only to the Offeror and not a subcontractor. HUB vendors must submit a copy of their certification for consideration during the evaluation of their proposal. Please attach a copy to this form.

Texas vendors who are not currently certified are encouraged to contact either the Texas United Certification Program, State of Texas HUB Program, or the North Central Texas Regional Certification Agency, among others. Contact:

State of Texas HUB Program
Texas Comptroller of Public Accounts
Lyndon B. Johnson State Office Building
111 East 17th Street
Austin, Texas 78774
(512) 463-6958
<http://www.window.state.tx.us/procurement/prog/hub/>

North Central Texas Regional Certification Agency
624 Six Flags Drive, Suite 100
Arlington, TX 76011
(817) 640-0606
<http://www.nctrca.org/certification.html>

Texas United Certification Program
USDOT website at
<https://www.transportation.gov/DBE>

You must include a copy of your certification document as part of this solicitation to receive points in the evaluation.

Vendor to Sign Below to Attest to Validity of Certification:

N/A

Vendor Name

Authorized Signature

Typed Name

Date

ATTACHMENT X
NCTCOG FEDERAL AND STATE OF TEXAS REQUIRED PROCUREMENT PROVISIONS

Note: The following provisions are mandated by Federal and/or State of Texas law. Failure to certify the following will result in disqualification of consideration for contract. Entities or agencies that are not able to comply with the following statements will be ineligible for consideration of contract award.

(Attachment continued on next page)

PROHIBITED TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT CERTIFICATION

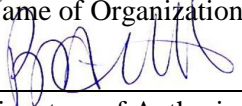
This Contract is subject to the Public Law 115-232, Section 889, and 2 Code of Federal Regulations (CFR) Part 200, including §200.216 and §200.471, for prohibition on certain telecommunications and video surveillance or equipment. Public Law 115-232, Section 889, identifies that restricted telecommunications and video surveillance equipment or services (e.g., phones, internet, video surveillance, cloud servers) include the following:

- A) Telecommunications equipment that is produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliates of such entities).
- B) Video surveillance and telecommunications equipment produced by Hytera Communications Corporations, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliates of such entities).
- C) Telecommunications or video surveillance services used by such entities or using such equipment.
- D) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, Director of the National Intelligence, or the Director of the Federal Bureau of Investigation reasonably believes to be an entity owned or controlled by the government of a covered foreign country. The entity identified below, through its authorized representative, hereby certifies that no funds under this Contract will be obligated or expended to procure or obtain telecommunication or video surveillance services or equipment or systems that use covered telecommunications equipment or services as a substantial or essential component of any system, or as a critical technology as part of any system prohibited by 2 CFR §200.216 and §200.471, or applicable provisions in Public Law 115-232 Section 889.

☒ **The Contractor or Subrecipient hereby certifies that it does comply with the requirements of 2 CFR §200.216 and §200.471, or applicable regulations in Public Law 115-232 Section 889.**

AM Signal, LLC

Name of Organization/Contractor



Signature of Authorized Representative

Brooke Hageny, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

Date:

-OR-

☐ **The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of 2 CFR §200.216 and §200.471, or applicable regulations in Public Law 115-232 Section 889.**

Name of Organization/Contractor

Signature of Authorized Representative

Type text here

Printed/Typed Name and Title of Authorized Representative

Date

(Attachment continued on next page)

DISCRIMINATION AGAINST FIREARMS ENTITIES OR FIREARMS TRADE ASSOCIATIONS

This contract is subject to the Texas Local Government Code chapter 2274, Subtitle F, Title 10, prohibiting contracts with companies who discriminate against firearm and ammunition industries. TLGC chapter 2274, Subtitle F, Title 10, identifies that “discrimination against a firearm entity or firearm trade association” includes the following:

- A) means, with respect to the entity or association, to:
- I. refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; and
 - II. refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or
 - III. terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association.
- B) An exception to this provision excludes the following:
- I. contracts with a sole-source provider; or
 - II. the government entity does not receive bids from companies who can provide written verification.

The entity identified below, through its authorized representative, hereby certifies that they have no practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association; and that they will not discriminate during the term of the contract against a firearm entity or firearm trade association as prohibited by Chapter 2274, Subtitle F, Title 10 of the Texas Local Government Code.

☒ **The Contractor or Subrecipient hereby certifies that it does comply with the requirements of Chapter 2274, Subtitle F, Title 10.**

Name of Organization/Contractor

AM Signal, LLC

Signature of Authorized Representative

Brooke Hageny, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

Date

-OR-

☐ **The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of Chapter 2274, Subtitle F, Title 10.**

Name of Organization/Contractor

Signature of Authorized Representative

Printed/Typed Name and Title of Authorized Representative

Date

(Attachment continued on next page)

BOYCOTTING OF CERTAIN ENERGY COMPANIES

This contract is subject to the Texas Local Government Code chapter 809, Subtitle A, Title 8, prohibiting contracts with companies who boycott certain energy companies.

TLGC chapter Code chapter 809, Subtitle A, Title 8, identifies that “boycott energy company” means, without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company:

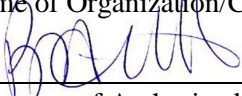
- I. engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law; and
- II. does business with a company described by paragraph (I).

The entity identified below, through its authorized representative, hereby certifies that they do not boycott energy companies, and that they will not boycott energy companies during the term of the contract as prohibited by Chapter 809, Subtitle A, Title 8 of the Texas Local Government Code.

☒ **The Contractor or Subrecipient hereby certifies that it does comply with the requirements of Chapter 809, Subtitle A, Title 8.**

AM Signal, LLC

Name of Organization/Contractor


Signature of Authorized Representative

Brooke Hageny, Director of Inside Sales and Estimating

Printed/Typed Name and Title of Authorized Representative

Oct 1, 2024

Date

-OR-

☐ **The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of Chapter 809, Subtitle A, Title 8.**

Name of Organization/Contractor

Signature of Authorized Representative

Printed/Typed Name and Title of Authorized Representative

Date

CONFLICT OF INTEREST QUESTIONNAIRE For vendor doing business with local governmental entity		FORM CIQ
<p>This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.</p> <p>This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).</p> <p>By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.</p> <p>A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.</p>	OFFICE USE ONLY	
<p>1 Name of vendor who has a business relationship with local governmental entity.</p> <p style="text-align: center;">N/A</p>	<p>Date Received</p>	
<p>2 <input type="checkbox"/> Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)</p>		
<p>3 Name of local government officer about whom the information is being disclosed.</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">Name of Officer</p>		
<p>4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.</p> <p style="margin-top: 20px;">A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?</p> <p style="text-align: center;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </p> <p style="margin-top: 10px;">B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?</p> <p style="text-align: center;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </p>		
<p>5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.</p>		
<p>6 <input type="checkbox"/> Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).</p>		
<p>7</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 60%;"> <p style="text-align: center;"><i>Borrell</i></p> <p>_____ Signature of vendor doing business with the governmental entity</p> </div> <div style="width: 35%; text-align: right;"> <p>October 1, 2024</p> <p>_____ Date</p> </div> </div>		