Docusign Envelope ID: AB089C34-F920-49F6-8B57-5B65030761D2

City of Jacksonville, Florida

Procurement Award Form (PAF)

Part 1 – Form Type: JPAC 126.204 (a) New Award, Renewals, Waive Technical Defects, Price Increases, NTE Increases.

Goods and/or Services: 911 Relocation of Radio Microwave Infrastructure to Florida Blue Building

Requested Action and Justification:

Requesting approval of a Single Source award to Microwave Networks Inc. for 911 Relocation of Radio Microwave Infrastructure to Florida Blue Building. This is a one-time project. Total Award not to exceed $158,278.00.

Supplier:	Microwave Networks Inc	**Basis of Award:**	N/A	**BID Opening Date:**	

POA #:	NA	**PO #:**	NA	**Change Order #:**	NA
Solicitation #:	SS 17649 26	**Contract #:**	NA	**Contract ADM #:**	NA
Term:	One Time Project	**Options:**	NA	**Options Used:**	NA

Federally Funded:	No	**JSEB Rec:**	N/A
Licenses Verified:	N/A	**JSEB %:**	N/A
Bonds Required:	No	**Bonds Waived Pursuant To:**	N/A

Fund:	10701	**Center:**	552103	**Acct:**	564290	**Proj:**	000000	**Activity:**	00000348	$ 158,278.00
Fund:		**Center:**		**Acct:**		**Proj:**		**Activity:**		$
Fund:		**Center:**		**Acct:**		**Proj:**		**Activity:**		$

New NTE/GMP:	$ 158,278.00	**Contingent Amt:**	$ 0.00	**DMP/ODPO Amt:**	$ 0.00

Using Agency/BU:	SHPS:POLICE SERVICES		
Concurrence:	Signed by: Parkins, Alan 081C5C1ED76C4BD...	**Title:**	JSO - DIRECTOR POLICE SERVICES 3/23/2026
Concurrence:	Signed by: Clement, Bill 3F803720B14E49E...	**Title:**	JSO - CHIEF OF BUDGET AND MANAGEMENT 3/23/2026
Concurrence:		**Title:**	
Concurrence:		**Title:**	

Procurement Analyst/Buyer:	Signed by: Wallace Cohen, Olive 4547B2180AE148...	**Chief of Procurement:**	Signed by: 3/31/2026 B10F1D51735245 6...
Name:	Wallace Cohen, Olive	**Name:**	Dustin L. Freeman

Part 2 – JPAC Action: All award actions subject to lawfully appropriated funds.		**Part 3 – Final Awarding Authority Action:**	
Members who approve:		**Action:**	
Members who disapprove:		**Signature:**	
Date:		**Date:**	

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PAF Instructions
Part 1 (using agency)

Form Type: This form will be used for both Administrative Awards and JPAC Requests. Select type from dropdown options.

Goods and/or Services: Enter a brief description of the types of goods and services included in the request.

Requested Action and Justification: Enter a brief description of the requested action or authority being sought. i.e.; *Request permission to award the lowest, responsive responsible bidder for an ITB or award the highest ranked supplier for an RFP.* This block should also be used for additional information such as additional 4th account strings, or other information essential for contract execution.

Supplier: Enter awarded supplier name**.** If multiple, include in "Requested Action and Justification" box.

Basis of Award: Select from Lowest Price Technical Acceptable (LPTA), Highest Price Technical Acceptable (HPTA) or N/A.

Bid Opening Date: The date bids were unsealed by Procurement.

POA #: This is your 1Cloud generated Agreement number. Select Type, Enter Number.

PO #: Enter the PO number or agreement release number.

Change Order #: Provide the applicable change order number represented by this request.

Solicitation #: Select Prefix type, Enter Number, and Year.

Contract #: This number should be the same as your POA number (unless procured prior to 2020)

Contract Amendment #: Provide the applicable amendment number represented by this request.

Term: Select the Period of Performance or Term for the initial period.

Options: Period of time for each renewal or option.

Options Used: Prior to this request, enter how many options were already used.

Federally Funded: Select yes or no from dropdown if Federal Funds will be used.

JSEB Rec: Select Encouragement or JSEB Set Aside Option.

JESB %: If JSEB Participation, enter the percentage.

Bonds Waived Pursuant to: Select option from Drop down.

Funding Sources: Fund/Center/Account/Project/Activity, all fields are required even if zeros.

New NTE/GMP: Enter the new total not to exceed amount. Note, this should match the contract maximum indebtedness, if applicable**.**

Contingent Amount: If your agency requests an allowance for unforeseen additional expenses, then specify the amount of your requested increase and new NTE that represents the contingency allowance. This is over and above any quote.

DMP/ODPO Account: Enter the Direct Materials Purchase/Owner Direct Purchase Order Account. Used mainly for CIP (Capital Improvement/Construction) Projects

Using Agency/BU: Select one from the dropdown list.

Concurrence: Using Agency internal routing requirements for Electronic Signatures (follow Proc Manual for threshold requirements)

Title: Title of person electronically signing form.

Attachments: Included any supplemental information to the Procurement Award Form. i.e.; *Scope of work, previous awards*.

**Any field where there is no data available, or no entry is required, either leave it blank or enter N/A. Any fields where there is known data, include for informational purposes. Any changes to an original award should contain the data that is being changed and any other relevant data required for JPAC review and approval.*

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JACKSONVILLE SHERIFF'S OFFICE

T.K. Waters, Sheriff

Dedication. Service. Honor. Community.

To: Dustin Freeman
Chief of Procurement

Thru: William Clement, CPA WC
Chief of Budget

From: Alan Parker
Director of Police Services

Subject: Single Source – Microwave Networks for 911 Move to Florida Blue

Date: February 24, 2026

We are requesting a single source award with Microwave Networks for the 911 move to Florida Blue. The amount for the project is $158,278.00, from account code 10701.552103.564290.000000.00000348.00000. Attached is Justification for Single Source form, single source letter and the quote documents from the supplier.

Please let me know if you require any additional information. Thank you for your assistance.

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FINANCE & ADMINISTRATION DEPARTMENT, PROCUREMENT DIVISION

JUSTIFICATION FOR SINGLE SOURCE (JSS)	
Pursuant to the City of Jacksonville Procurement Code§ 126.206 & § 126.312, when requesting a purchase from a vendor subject to the referenced sections, please complete this form to justify your request and submit to Procurement with applicable attachments.	
1. Requesting Agency:	Information Technologies
2. Nature and/or description of the requirement being requested. ***Identify each item, component or service being procured. (Attach quote/proposal):*** ***Why does the city need these particular goods or services?***	Technology Solutions Department (TSD) and the Jacksonville Sheriff's Office (JSO), request approval to purchase equipment and services from Microwave Networks Inc (MNI) for the relocation of the microwave link between the Florida Blue Building and 1 Independence Building (formally Wells Fargo Building). JSO will be relocating from their current 911 dispatch center at the Police Memorial Building (PMB) to the Florida Blue Building. A critical part of the move is the relocation of the microwave link between PMB and the 1 Independence building (formally Wells Fargo building) to be redirected to the Florida Blue building to provide part of the network backhaul link back to the First Coast Radio System core at the Ed Ball Building. MNI designed and installed the current link to PMB and due to the proprietary nature of the equipment is the only company authorized to distribute parts and components and garuntee the equipment is operating as designed based off data from the Path Survey conducted in December 2025.
3. Provide a detailed justification as to why the requested goods/services can only be efficiently and effectively procured through the recommended Single Source vendor:	Microwave Networks Inc. is the only authorized distributer of their equipment and they are the only company able to garuntee that the equipment will be installed correctly and function as designed.
4. Date of Request	2/10/2026

5. Summary of Market Research

[Provide a description of the market research performed, how it was performed, by whom, and market research results. Please spell out acronyms.]

[Market research conducted by Brian Tylicki, Senior Radio Systems Engineer, has determined that Microwave Networks Inc. (MNI) is the sole provider capable of supplying the required MNI microwave components and associated project planning services. MNI is uniquely positioned to guarantee the operational integrity of the existing microwave link infrastructure. MNI retains exclusive technical and contractual authority to perform this work. Engaging any other provider would risk compromising system performance, violating support agreements, and potentially disrupting mission-critical communications.]

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6. ***Conflict of Interest (Must Check)***

   √ By checking this box, I affirm that there are no actual, potential, or perceived conflicts of interest with the entity in which I am requesting a single source award. Conflict of Interest shall be interpreted consistent with *Chapter 112, Florida Statutes.*

7. ***Other Documentation (Check and attach all that apply)***

   √ Supplier Quote

   √ Single Source Memo signed by Director

   √ Other [Single Source Memo]

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Microwave NETWORKS

February 4th 2026

To Whom It May Concern:

As a provider and manufacturer of mission critical wireless solutions, Microwave Networks Inc. (MNI) only guarantees microwave path performance and uptime for MNI engineered solutions when MNI performs site surveys, path surveys, installation services and commissioning services.

Regards,

Signature

Lee Moreno
Regional Sales Director

4000 Greenbriar Dr., Suite 100A Stafford | Texas | USA 77477
1.281.263.6500 | 1.281.263.6400 | Toll Free 1.888.225.6429 | www.microwavenetworks.com

Docusign Envelope ID: AB089C34-F920-49F6-8B57-5B65030761D2

Microwave NETWORKS

4000 Greenbriar Stafford, TX 77477
Ph.: 281-263-6500
Sales Contact: Lee Moreno
System Engineer: AA
Quote: LM50926-50 (R2)
Date: 10-Feb-26
Currency: US Dollars
PRICE AND MATERIAL LIST

Confidential

Customer: City of Jacksonville
Contact: Brian Tylicki
Location: FL
EXW: Stafford, Texas
Validity: 60 Days
Delivery: 120 - 180 Days ARO
Payment Terms: Per Contract

Item	Description	Includes Items	Extended Price
1.00	Proteus MX+ RFU Terminals	Includes items 1.01-1.07	$31,209
2.00	Antenna and Dehydrator Systems	Includes items 2.01-2.27	$31,106
3.00	Services	Includes items 5.01-5.07	$113,563
	Management Concession		($17,600)
Grand Total :			**$158,278**

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Microwave NETWORKS

Confidential

4000 Greenbriar Stafford, TX 77477
Ph.: 281-263-6500; Fx: 281-263-640
Sales Contact: Lee Moreno
System Engineer: AA
Quote: LM50926-50 (R2)
Date: 10-Feb-26
Currency: US Dollars
PRICE AND MATERIAL LIST

Customer: City of Jacksonville
Contact: Brian Tylicki
Location: FL
EXW: Stafford, Texas
Validity: 60 Days
Delivery: 120 - 180 Days ARO
Payment Terms: Per Contract

Item	Model	Description	Unit Price	1 Florida Blue Bldg	2 Wells Fargo	Total Qty	Extended Price
1.00	**Proteus MX+ RFU Terminals**						
1.01	8209934-11	RFU,11GHz,HIGH PWR (MH),1+1	$16,625	1		1	$16,625
1.02	8108744-09	CABLE ASY,TNC(M)RA-SMA(M)RA,16.6",RG316	$33	1		1	$33
1.03	8108744-26	CABLE ASY,TNC(M)RA-SMA(M)RA,27",RG316	$33	1		1	$33
1.04	8708355-10	KIT,WG,11GHz,CPR,NP/HSB,MU/MH, POS1	$225	1		1	$225
1.05	8708345-01	KIT,MX IF CABLE,STD SPACING,HSB/SD	$67	1		1	$67
1.06	636-AH11XXXX	11 GHz OHP (High Power) ODU	$6,013		2	2	$12,026
1.07	7200070-02	11 GHz 6 dB HSB Coupler	$2,200		1	1	$2,200
						Radios Total:	**$31,209**
2.00	**Antenna and Dehydrator Systems**						
	11 GHz						
2.01	9901731-03	Antenna, 11 GHz, 3', High Perf, Low Profile, CPR90G, 10.1 - 11.7 GHz	$3,460	1	1	2	$6,920
2.02	9901988-00	Antenna, 11 GHz, 3', Integrated	$3,236		1	1	$3,236
2.03	9901622-00	Antenna Inboard Side Strut Kit - 3', 4' & 6'	$396	1	1	2	$792
2.04	9901861-00	Flex, 11 GHz, ETG, C1202-7-36-2-1, 3', CPR90F/G	$553	1	1	2	$1,106
2.05	9901721-00	Waveguide, EU90, Standard, 10.2-11.7 GHz	$22	200		200	$4,400
2.06	9901721-01	WG Connector, CPR90 for EU90	$664	2		2	$1,328
2.07	9901721-04	Pressure Window for EU90	$203	1		1	$203
2.08	9901721-03	Hoist Grip, Elliptical WG, EU90	$60	1		1	$60
2.09	9901721-02	Ground Kit for EU90 Waveguide	$55	4		4	$220
2.10	9901721-06	Hanger, Butterfly, EU90 Elliptical Waveguide (Ten per kit)	$49	7		7	$343
2.11	9901721-05	Boot, WG Feedthrough, EU90, 4"	$47	1		1	$47
	Hardware						
2.12	9901721-07	Angle Adapter, 3/8" tapped hole, Stainless (Ten per kit)	$91	7	4	11	$1,001
2.13	9901723-14	3/8" x 1" bolts & Hardware for Standard Hangers (Ten per kit)	$19	7	4	11	$209

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Microwave NETWORKS

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4000 Greenbriar Stafford, TX 77477
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Sales Contact: Lee Moreno
System Engineer: AA
Quote: LM50926-50 (R2)
Date: 10-Feb-26
Currency: US Dollars
PRICE AND MATERIAL LIST

Customer: City of Jacksonville
Contact: Brian Tylicki
Location: FL
EXW: Stafford, Texas
Validity: 60 Days
Delivery: 120 - 180 Days ARO
Payment Terms: Per Contract

Item	Model	Description	Unit Price	1 Florida Blue Bldg	2 Wells Fargo	Total Qty	Extended Price
2.14	9901723-08	Threaded Rod, 3/8" x 12"	$19	2	2	4	$76
	ODU Transmission Line Hardware						
2.15	9901410-00	SM,SM4141,ADAPTER,N(Fe)-TNC(M),R/A	$178		2	2	$356
2.16	9900398-00	POLYPHASER,0981013GA,S. SUP,DC1200,N-FEM	$118		2	2	$236
2.17	9900398-01	POLYPHASER,GTH-NFM-AL,SURGE PROTECTOR	$119		2	2	$238
2.18	9901771-27	Eupen,EC4-50-HF-HLFRB,1/2", Cbl, FR	$6		305	305	$1,830
2.19	9901771-28	Eupen,NM50B12X,N-Male Conn, (EC4-50-HF)	$56		4	4	$224
2.20	9901771-21	EUPEN,BH12,BTFLY HNGR KIT,1/2",Cbl,w/Hrw	$43		4	4	$172
2.21	9901771-06	EUPEN,AAU,UNIV ANGLE ADAPTER,10/KIT	$100		4	4	$400
2.22	9901933-21	Eupen,BA-12-3A, Boot Assm,1/2"Cbl,3 Hole	$48		4	4	$192
2.23	9901771-04	EUPEN,GKS12,STD GROUND KIT FOR 1/2"CABLE	$40		7	7	$280
	Pressurization						
2.24	9902077-00	Dehydrator,110-240VAC,Rack or Wall mount,LAB4.50K	$7,128	1		1	$7,128
2.25	990034-43	Gas Distribution Manifold (w gauges), 4-port w/ 25' tube per port	$614	1		1	$614
2.26	9902077-04	Dehydrator,Wall Mount,LAB4.5-SHELF	$287	1		1	$287
	Mount						
2.27	9901723-13	Universal Pipe Mnt Kit	$1,334	1	1	2	$2,668
						AntennasTotal:	**$31,106**
3.00	**Services**						
3.01	FREQ COORD	Frequency Coordination & FCC Licensing Assistance	$1,900			1	$1,900
3.02	INSTALLATION	Installation and Commissioning of Radios, Antennas, Transmission Lines and Accessories	$88,375			1	$88,375
3.03	DE-INSTALLATION	De-Installation of Radio, Antennas, Transmission Lines and Accessories (2 Sites)	$18,438			1	$18,438
3.04	FACTORY TEST	Factory Test	$2,250			1	$2,250
3.05	FACTSTAG	Customer Witnessed Acceptance Testing in Stafford, TX (Optional)	$2,458				
3.06	TRAINING	Proteus MX Training at Customer Location for up to 10 Students (Optional)	$16,950				

Microwave NETWORKS

Confidential

4000 Greenbriar Stafford, TX 77477
Ph.: 281-263-6500; Fx: 281-263-640
Sales Contact: Lee Moreno
System Engineer: AA
Quote: LM50926-50 (R2)
Date: 10-Feb-26
Currency: US Dollars
PRICE AND MATERIAL LIST

Customer: City of Jacksonville
Contact: Brian Tylicki
Location: FL
EXW: Stafford, Texas
Validity: 60 Days
Delivery: 120 - 180 Days ARO
Payment Terms: Per Contract

Item	Model	Description	Unit Price	1 Florida Blue Bldg	2 Wells Fargo	Total Qty	Extended Price
3.07	PROGRAM MGMT	Project Engineering/Program Management	$2,600			1	$2,600
						Services Total:	$113,563
Equipment and Services Total:							$175,878
Management Concession:							($17,600)
Sub Total:							$158,278
Grand Total, EXW: Stafford, Texas							$158,278

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Microwave NETWORKS

Scope of Work (SOW): Installation

Customer:	City of Jacksonville	Date:	2/10/2026
Quote #:	LM50926-50 (R2)	Revision:	
Order #:	TBD	Salesperson:	Lee Moreno
Equipment:	Proteus MX 11 GHz	Program Mgr.:	TBD
Location:	FL	Customer Rep.:	TBD

GENERAL REQUIREMENTS:

This Scope of Work (SOW) details Microwave Networks Incorporated (MNI) and (Customer) responsibilities and tasks to be performed for the installation and commissioning of of the equipment in the attached lists.

Pricing and implementation are based on using a Microwave Networks Incorporated (MNI) selected non union work crew. MNI intends to utilize this crew in all locations and for all tasks. The requirements and tasks listed below are considered standard.

The MNI Program Manager (PM) will act as coordinator between the customer and the MNI Installation Supervisor. All requests or needs with regards to the implementation should be directed to the MNI Program Manager. To avoid confusion, the customer is asked to identify to the MNI Program Manager, in writing, all personnel who may authorize changes and perform site acceptance. This list is to be submitted to MNI prior to the start of installation.

Installation work performed by MNI or its authorized sub-contractors will conform to industry guidelines and will utilize quality materials from selected qualified suppliers. All special requirements are to be submitted in writing to the MNI Program Manager prior to the start of installation.

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Unless otherwise stated in this SOW, the Customer will furnish equipment receiving, storage and staging space at the site locations. Customer will provide a staging area and secured room for MNI personnel to store documents, test equipment, and other necessary items required for the installation.

No changes to the Scope of Work (SOW) will be authorized unless agreed upon by the customer project coordinator or authorized representative and the Microwave Networks Program Manager. Changes to the SOW will be documented in writing by MNI. If the change(s) affect the sub-contractor, a request for quotation will be issued. Upon determination of cost and schedule impact, a Project Change Order Authorization (PCOA) detailing the requested changes will be forwarded to the Customer's Project Coordinator or authorized representative for signature. No changes will be performed until customer authorization is obtained.

Additional labor to this SOW will be quoted, per occurrence. Delays, as defined in the contractual terms and conditions, may be billed.

MNI will submit the SOW, which includes the project timeline (sequence of installation tasks with completion dates); to the Customer for approval at least two weeks prior to the scheduled start for installation. The customer is required to sign and return the SOW at least one week prior to the scheduled start date for installation to the MNI Program Manager. Failure to return the approved SOW could cause MNI to delay the start of installation until approval is obtained.

Site work will be performed in a progressive and contiguous manner without work stoppage due to non-MNI related tasks. All additional mobilizations, beyond the initial one, that are not directly caused by MNI, its contractors or MNI delivered equipment, will require a Project Change Authorization (PCOA) generated by the MNI Program Manager and a Customer purchase order prior to the additional mobilizations.

Relocation of existing equipment, unless otherwise specified, will be the responsibility of the customer and is to be completed before installation work commences by MNI or their authorized personnel. Relocation of existing equipment, sites and/or paths is not included in this SOW.

The customer will provide adequate & timely access to all sites.

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All superstructure, Main Station Grounding, and required cable rack are assumed to be existing or to be installed by others.

Inspection of the site and verification of the installation design will be performed on initial entry to the site by MNI personnel or MNI's authorized subcontractor for engineering compliance.

General site clean up will be performed by MNI installers, on a daily basis with the trash neatly stacked for removal by the customer or placed in a customer provided receptacle.

System acceptance will be based on the Acceptance Test Procedure (ATP).

Traffic activation of a hop, link or system prior to completion of final testing and system acceptance will constitute **BENEFICIAL USE and ACCEPTANCE** of the affected portion.

GENERAL ASSUMPTIONS

Vendor equipment such as MUX, DSX panels and Channel banks will be integrated at the factory. All intra rack wiring will be installed at that time.

The customer will be responsible for all required licensing and permits unless otherwise directed by the terms and conditions of the contract.

All sites are accessible by 2-wheel drive vehicles.

Sites will have adequate space for the new equipment and suitable temperature control and lighting where work is to be performed or materials stored.

Existing towers are sized properly to support the new antenna systems. No tower analysis is included unless specifically detailed in this SOW.

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SPECIFIC REQUIREMENTS:

Function	MNI	Customer
ENGINEERING		
Perform Transmission and System Engineering.	☑	☐
Furnish building and plot plan drawings and directions to the sites, if available prior to the commencement of Path survey.	☐	☑
Furnish floor plans and office drawings of existing sites, Showing new equipment locations, term block & fuse panel assignments, etc.	☐	☑
Perform Path Survey.	☑	☐
Perform Frequency Coordination and file PCN.	☑	☐
Prepare Frequency Coordination Applications.	☑	☐
Provide T1 channel assignments and dropping requirements at each location.	☐	☐
Furnish one complete set of installation specifications and measurements for the proposed equipment ATP.	☑	☐
TRANSPORTATION / STORAGE		
Provide transportation for equipment and materials from MNI factory to the final destination. - Freight charges per terms of Purchase Order.	☑	☐
Deliver all proposed equipment to the site locations from the local Customer warehouse and inventory for discrepancies.	☑	☐
SITE PREPARATION		
Furnish all site improvements (fences, roads, grading, tree removal, etc.). Access roads to all work areas of each site shall be suitable and accessible to concrete trucks, truck-trailers, and all other construction equipment.	☐	☑
Provide suitable openings, channels, or ducts for cables and conductors for routing from floor-to-floor and from room-to-room.	☐	☑
Provide Ground Bar.	☐	☑
Install Ground Bar.	☐	☑

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TOWERS		
Furnish and install all towers.	☐	☑
Determine structural capabilities of all towers and/or antenna mounting structures and perform all Structural modifications required to support, mount and adapt the proposed antennas.	☐	☑
Furnish and install antenna Pipe Mount(s).	☑	☐
Furnish and install antenna Ice Shield(s).	☐	☐
Furnish and install Waveguide Bridge.	☐	☑
Furnish and install Waveguide Messenger.	☐	☑

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SPECIFIC REQUIREMENTS:

Function	MNI	Customer
ANTENNAS / TRANSMISSION LINE		
Install all antenna and transmission line.	☑	☐
Install Wall Feed-Thru's for coax/wave guide Transmission line.	☐	☑
POWER & GROUND		
Provide AC power and breakers as required.	☐	☑
Provide ready access (within 50 feet (15 meters) of proposed Equipment locations) to a low resistance ground at each location.	☐	☑
Furnish and install adequate AC receptacle within 6 feet (2 meters) of the battery charger rack.	☐	☑
Install batteries and chargers as per quote.	☑	☐
Furnish and install DC Power and Ground wiring to MNI provided racks per specifications.	☑	☐
Label DC breakers / fuses and newly installed wiring.	☑	☐
RADIO EQUIPMENT		
Install cable and test all radio and auxiliary equipment proposed.	☑	☐
Install DSX panel as a point of demarcation for DS1s. Panel will be installed within 30 feet (10 meters) of the radio.	☐	☐
Furnish and install DS1 cross connections from DSX panel to buyer's Channel Banks.	☐	☑
CHANNEL BANKS		
Channelization Engineering, develop MUX plan.	☐	☑
Install channel bank equipment.	☐	☑
Furnish jumper wire and install cross connections on the distribution frame to interconnect with the buyer's equipment.	☐	☑
Align multiplex /channel bank. (Options, levels, strapping, frequencies, etc.)	☐	☑

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Furnish and install VF wiring from channel banks to D66 blocks.	☐	☑
ORDER WIRE AND ALARM		
Install and test Order Wire.	☐	☐
Install and test Alarm master, install and test remotes and control wiring from the radio equipment at each site.	☐	☑
Furnish & Install D66 block or similar and connect to the alarm remote, to terminate alarms at each site.	☐	☑
Verify alarm system database is functional.	☐	☑

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SPECIFIC REQUIREMENTS:

Function	MNI	Customer
TESTING/MISCELLANEOUS		
Provide complete set of Test Equipment consisting of; Digital Multi-Meter, BER Test Set (capable of the required data rates used in the system),VT-100 terminal.	☑	☐
Coordinate system test and alignment with the Customer. Such testing will only include acceptability of MNI installed equipment.	☑	☐
Optimize and test system to MNI Acceptance Test Procedure (ATP).	☑	☐
Record test data for inclusion in the "as built" Documentation.	☑	☑
Prepare, submit and file, if applicable, all necessary environmental impact data.	☐	☑
DOCUMENTATION		
Furnish one complete set of MNI Operation and Maintenance manuals with drawings for each rack.	☑	☐
Provide one complete set of vendor provided Operation and Maintenance literature with drawings for each location.	☑	☐
Sign a project completion notice upon completion of the activities detailed in this Scope of Work. The project completion notice may apply to the project on a per hop or per system basis, as mutually agreed upon by MNI and the Customer.	☑	☑
Prepare and submit a complete documentation package of equipment as installed and accepted (As Builts), to the customer three (3) weeks after system acceptance.	☑	☐

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Additional or unusual requirements:

(e.g. all work performed after hours, must use union personnel, pre-installed staging and testing, 30 day operational testing, etc.)

SOW does not include any structural work or special systems grounding.

Installation and Commissioning of Radios, Antennas, Transmission Lines and Accessories.

Includes De-Installation of Radios, Antennas, Transmission Lines at 2 Sites

and install of 6 cable runs of 7/8" line for LMR equipment at Florida Blue site.

1) Quote assumes all towers have climbing facilities and waveguide ladders with open slots.
2) Quote assumes any water towers have antenna mounting structures and waveguide ladders.
3) Quote assumes all towers have tie back facilities.
4) Any cranes or lifts required will be billed as a change.
5) Any re-routing or moving of existing equipment will be billed as a change.
6) Any required painting or welding will be provided and completed by others.
7) Assumes there are existing entry ports and grounding system.
8) Assumes all structures passed structural analysis for new antennas.
9) Rack locations to be provided by the end customer.
10) If remobilization is required, additional charges will apply.
11) Quoted prices are based on a ten (10) hour work day seven days per week.

It is agreed that this Scope of Work (SOW) is correct and complete for the responsibilities described above. It is further agreed that this SOW supercedes all previous agreements, proposals and discussions.

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Signed: _____ Date: _____
MNI Representative

Signed: _____ Date: _____
Customer Representative

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Microwave Networks Standard Labor Rates

Continental U.S. (CONUS) Labor Rates

Description	Unit	Day Rate	OT Hourly Rate
Field Support (CONUS) - Monday through Friday			
Project Manager / Engineer Field Support (up to 10 Hours Days, Includes Expenses)	Per Day/Person	$1,295.00	$150.00
Field Support (CONUS) - Weekend and Holiday			
Project Manager / Engineer Field Support (up to 10 Hours Days, Includes Expenses)	Per Day/Person	$1,495.00	$170.00

Outside Continental U.S. (OCONUS) Labor Rates

Description	Unit	Day Rate	OT Hourly Rate
Field Support (OCONUS) - Monday through Friday			
Project Manager / Engineer Field Support (up to 10 Hours Days, Includes Expenses)	Per Day/Person	$1,395.00	$160.00
Field Support (OCONUS) - Weekend and Holiday			
Project Manager / Engineer Field Support (up to 10 Hours Days, Includes Expenses)	Per Day/Person	$1,595.00	$180.00

Notes:
1. A minimum of one day applies to all Field Support Services.
2. Holidays are defined in MNI's declared holiday schedule.
3. Field Support Services requires appropriate billing information prior to mobilization.

Back Office Support

Description	Hourly Rate
Back Office Support	
Project Manager / Engineer Back Office Support - Hourly Rate	$215.00

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Microwave Networks Standard Labor Rates

Additional Expenses

Description	Unit	Price
Mobilization (CONUS)		
Mobilization Fee (anywhere in Continental U.S.)	Per Person	$3,500.00
Mobilization (OCONUS)		
Mobilization Fee (Outside Continental U.S.)	Per Person	To Be Quoted
Miscellaneous Expenses		
Miscellaneous Out of Scope Field Expenses		Cost plus 20%

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Microwave NETWORKS

STANDARD TERMS AND CONDITIONS OF SALE

SECTION 1 - GENERAL: All references to MNI herein shall mean Microwave Networks Incorporated, and all references to Buyer herein shall mean the customer named in a contract, purchase order, quotation, proposal, or other agreement between the parties. All quotations from MNI shall be considered solicitations of offers. All orders placed by Buyer shall be considered offers which shall be deemed accepted upon notice thereof from MNI. Buyer will provide MNI with a complete written authorization or purchase order (with frequencies and all other technical specifications required to manufacture the equipment to completion), containing necessary information, such as site name, type and quantity of radios, requested delivery date and delivery instructions. Notwithstanding any terms or conditions which may be included in Buyer's purchase order or other communication, MNI's acceptance is conditional upon Buyer's assent to the terms and conditions set forth herein or in any other binding contract or agreement between the parties incorporating these terms and conditions. MNI's failure to object to any term or condition contained in Buyer's purchase order or other communication shall not be deemed to be acceptance of such term or condition. In the absence of Buyer's written acceptance of these terms, acceptance of or payment for purchases hereunder shall constitute an acceptance of these terms and conditions. The terms and conditions set forth herein shall be deemed incorporated (as though set forth in full) into any agreement of sale entered into between MNI and Buyer unless otherwise modified in writing. MNI quotations are not firm unless expressly indicated, with a specific period of time during which the quotation will remain firm on the face thereof. MNI reserves the right, without any increase in price, to modify the design and specifications of equipment designed by MNI, provided that the modification does not adversely affect the original performance specifications as specified by MNI or as requested by the Buyer. Buyer shall not assign any interest in the contents of this quotation without the prior written consent of MNI. All orders are subject to prior credit approval. Stenographic, typographic and clerical errors are subject to correction. All headings contained in these terms and conditions are for reference purposes only and shall not in any way affect the meaning or interpretation of these terms and conditions.

SECTION 2 - SHIPPING AND HANDLING: Unless otherwise specified by Buyer and agreed to by MNI in writing, shipping and handling charges (e.g. Air, Parcel Post, Common Carrier) will be included on the applicable invoice as a separately priced item to be paid by the Buyer. Freight charges are subject to frequent change and in consideration of MNI's agreement to hold to the charges stated, Buyer agrees to pay such amount without regard to the actual charges applicable at the time of shipment. It is understood that MNI will not provide the Buyer with any copies of carrier freight bills. All packaging and packing shall be in accordance with sound commercial practice. Special export packaging, packing or crating, as required, will be quoted separately.

SECTION 3 - DELIVERY AND TITLE: Unless otherwise specified, all deliveries and risk of loss shall be determined in accordance with Ex Works Incoterms 2020. Shipping or delivery dates are best estimates only and subject to change based on MNI commitments at the time Buyer's purchase order is received and accepted. MNI reserves the right to make deliveries in installments, and contracts or other agreements between the parties shall be severable as to such installments. A delay in delivery or default of any installment shall not relieve Service completion dates indicated on quotations are subject to review and revision on the basis of MNI commitments at the time Buyer's order is received and accepted. All service completion dates are subject to credit approval, are approximate until confirmed in writing by MNI, and are based upon receipt of timely, accurate, and complete instructions and information from the Buyer.

SECTION 4 - ACCESS: Buyer hereby grants access to MNI to all equipment, sites, premises, and other areas where work is to be performed under these terms and conditions. MNI will make all reasonable efforts to comply with Buyer's standard rules and regulations for access, a copy of which will be furnished to MNI by Buyer upon the submission of any order to be performed under these terms and conditions. Buyer acknowledges that MNI may use non-union personnel to perform work. MNI will make all reasonable efforts to observe Buyer's procedures in cooperation with union personnel; however, Buyer agrees to indemnify and hold MNI harmless from all costs associated with the compliance of union work rules or union activities which may interfere with MNI's performance requirements.

SECTION 5 - COMMERCIAL WARRANTY: MNI manufactured products are warranted to be free from defect in material and workmanship under normal use and service for a period of ninety (90) days from the date of shipment. Period may be extended as part of MNI's Lifecycle Services (LSS) Program. In the event of a defect during the warranty period, Buyer will return the defective item to the MNI depot repair facility for repair or replacement. Repair at MNI's option may include the replacement of parts or equipment and all replaced parts or This warranty extends only to products manufactured by MNI, and it is expressly conditioned upon the equipment having been installed in accordance with the installation practices accepted by the telecommunications industry, the standard installation and configuration practices recommended by MNI, and the equipment having been maintained in accordance with MNI recommended standard maintenance practices. Vendor products and other equipment not manufactured by MNI are excluded, but carry their own separate limited warranties.

This warranty shall automatically terminate if the product is used in other than its normal and customary manner, has been subject to misuse, accident, neglect, or damage, is improperly disassembled or has improper alterations or repairs, or if nonconforming parts are used in the product, unless done by a service facility authorized by MNI to perform warranty service. The warranty for Network Management MNI warrants the operation of its equipment only with respect to its published specifications and use conditions. This warranty shall not cover any damages caused by Acts of God including, but not limited to, flood, lightning, seismic activity; and events of *Force Majeure*, such as fire, explosion, war, civil disturbance et al.

THIS MNI WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, WHICH ARE SPECIFICALLY EXCLUDED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

An authorization to return products under this warranty must be obtained from a MNI representative prior to making shipment to MNI's service location, and all returns shall be shipped freight pre-paid.

In the event that MNI provides services only, MNI warrants the performance and specifications of such services but does not warrant that such services performed will fulfill the total system requirement of the Buyer.

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SECTION 6 - PATH ENGINEERING SERVICES WARRANTY
MNI warrants that the installed radio communication path will conform to Customer's multipath performance reliability objectives when

SECTION 7 - PATENT AND COPYRIGHT INDEMNIFICATION: MNI agrees to defend, at its expense, any suits against Buyer based upon a claim that any products furnished directly infringe a United States patent, copyright, or other intellectual property right of third parties. MNI agrees to pay costs and damages finally awarded in any such suit, provided that MNI is notified promptly in writing of the suit and, at MNI's request and at its expense, is given control of said suit and all requested assistance for defense of same. If the use or sale of any products furnished hereunder is enjoined as a result of such a suit, MNI, at its option and at no expense to Buyer, shall obtain for Buyer the right of use or sale for said product(s) or shall substitute an equivalent product reasonably acceptable to Buyer and extend this indemnity thereto, or shall accept the return of product(s) and reimburse Buyer the purchase price thereof, less a charge for reasonable wear and tear. This indemnity does not extend to any suit based upon any infringement or alleged infringement of any patent or copyright by the combination of any products furnished by MNI and other elements, nor does it extend to any products of Buyer's design or formula. The foregoing states the entire liability of MNI for patent, copyright, or other intellectual property infringement.

SECTION 8 - PAYMENT: For domestic shipments, MNI's standard terms of sale are net thirty days of invoice date, subject to the approval of MNI. For export shipments, the standard payment terms are irrevocable Letter of Credit (in accordance with MNI Letter of Credit Guidelines) or Cash in Advance (as described below), unless MNI has, prior to its acceptance of Buyer's purchase order, approved in writing other credit arrangements. All payments, whether by Letter of Credit or Cash in Advance, shall be made in U.S. Dollars (US$) by electronic funds transfer. All orders on terms of Cash in Advance require a 25% payment upon placement of the order and the balance shall be paid prior to shipment. Exceptions to the payment terms included herein shall be subject to the prior consideration and written approval of MNI. The Buyer shall make payments in full to MNI at the address stated on the MNI invoice or as otherwise specified in writing by MNI. Overdue

SECTION 9 - TAXES: Except for the amount, if any, of tax stated in a MNI contract, quotation, proposal, or customer purchase order, or other agreement between the parties, MNI sale prices and warranty provisions are exclusive of any amount for federal, state, local, excise, sales, use, property, retailers occupation, in-country, import, VAT or similar taxes or duties. Such prices are also exclusive of all government permit fees, license fees, customs fees and similar fees levied upon delivery of the MNI products and services.

The Buyer shall be liable for all such taxes, duties and fees, regardless of whether or not the same are separately stated by MNI, and the Buyer shall pay the amount thereof to MNI or, in lieu thereof, the Buyer shall provide MNI with a properly executed tax exemption certificate acceptable to the taxing authorities prior to delivery of MNI product. If MNI is required to pay or bear the burden of any excluded tax then

SECTION 10 - TERMINATION, CHANGES AND DELAYS: MNI shall not be liable for any delay or failure to perform due to any cause beyond its control, including, but not limited to: events of Acts of God including, but not limited to, flood, lightning, seismic activity; and events of Force Majeure such as fire, explosion, war, civil disturbances, default of any supplier; delays caused by any government or regulatory body, frequency authorization, license grant; government intervention; inability to obtain necessary labor, material, or facilities; interruptions of transportation or utilities and strikes. The delivery schedule shall be considered extended by a period of time reasonably necessary to perform after such event(s). Notwithstanding the preceding sentence, in the event MNI is unable to wholly or partially perform due to any cause beyond its control, MNI may terminate any contract without liability to Buyer. Buyer may cancel any order due to the default of MNI upon thirty (30) days prior written notice and failure to cure by MNI.

Otherwise orders may be terminated, changed or delayed by Buyer only with the specific approval of MNI and shall be subject to termination, change or delay charges which shall include compensation for specific expenses and costs related to commitments already made in connection with the order and a reasonable allowance for the cost of overhead, general and administrative expenses and profit in accordance with MNI's standard accounting practices. Any order canceled after five (5) business days of MNI receiving a purchase order is subject to cancellation charges up to the full amount of the purchase order. Change orders may also necessitate a change in the delivery

SECTION 11 - GOVERNMENT OR IN-COUNTRY LICENSING: The Buyer is solely responsible for obtaining any licenses or other authorizations required by the FCC, Federal Aviation Administration or any other government regulatory bodies, and for complying with their rules and with the rules and regulations of any other U.S. or foreign regulatory agency, whether federal, state, local or otherwise. Neither MNI, nor any of its employees, will be an agent or representative of the Buyer in such matters or otherwise. MNI may assist in the preparation of the license application by the Buyer; however, MNI's warranty shall not be modified to the detriment of MNI, and MNI shall

SECTION 12 - CONTROLLING LAW: This document shall be governed by the internal laws of the State of Texas, as applied to contracts. The parties hereby agree that this document shall not be governed by the United Nations Convention on Contracts for the International Sale of Goods. This document is prepared and executed in the English language only and any translation of this document into any other language shall have no effect on effectiveness of or the interpretation of this document.

SECTION 13 - LIMITATION OF LIABILITY: MNI's TOTAL LIABILITY IS LIMITED TO THE NET PRICE OF THE PRODUCTS SOLD HEREUNDER, EXCLUDING ANY CHARGES STATED SEPARATELY FROM THE PRODUCT PRICE ON THE INVOICE. BUYER'S SOLE REMEDY FOR LIABILITY OF ANY KIND, INCLUDING NEGLIGENCE, WITH RESPECT TO THE EQUIPMENT AND DOCUMENTATION FURNISHED HEREUNDER IS TO NO ACTION SHALL BE BROUGHT FOR ANY BREACH OF THIS CONTRACT MORE THAN ONE YEAR AFTER THE ACCRUAL OF SUCH CAUSE OF ACTION EXCEPT FOR MONEY DUE UPON AN OPEN ACCOUNT. IN NO EVENT SHALL MNI BE LIABLE FOR INCREASED COSTS, LOSS OF PROFITS, LOSS OF GOODWILL, OR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR ANY REASON.

WITH RESPECT TO SERVICES, MNI LIABILITY FOR ANY PATH SURVEY, SITE SURVEY, FIELD MEASUREMENTS, OR PATH ENGINEERING IS LIMITED TO THE RE-SURVEY, RE-MEASUREMENT, OR RE-ENGINEERING OF THE PATH OR SITE. MNI DOES NOT WARRANTY PROPAGATION OR PATH PERFORMANCE. ALL SURVEYS ARE ACCURATE AS OF THE DATE THE SURVEY WAS CONDUCTED. MNI IS NOT RESPONSIBLE FOR UNCONTROLLED EVENTS, SUCH AS FUTURE BUILDING OBSTRUCTIONS OR MICROWAVE PATHS IN OR NEAR THE SURVEYED PATH OR CONTROLLED SITE, WHICH COULD CAUSE BLOCKAGE OR INTERFERENCE.

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SECTION 14 - WAIVER: The failure of MNI to insist, in any one or more instances, upon the performance of any of the terms, covenants or conditions herein or to exercise any right hereunder, shall not be construed as a waiver or relinquishment of the future performance of any such term, covenant or condition, or the future exercise of such right, but the obligation of the Buyer with respect to such future performance shall continue in full force and effect.

SECTION 15 - SUBSURFACE OR STRUCTURAL CONDITIONS: The prices for any towers included in a MNI proposal are based upon normal soil conditions of E.I.A. standard RS-333-C. Should MNI encounter subsurface, structural and/or latent conditions at the site materially

SECTION 16 - US GOVERNMENT ORDERS: The provision of Executive Order No. 11246 of September 24, 1965, as amended, regarding equal employment opportunity, and the rules and regulations issued pursuant thereto, are incorporated herein by reference. Any other US Government procurement regulations which are required to be included shall be specifically and separately agreed to in writing prior to incorporation into the final agreement of sale.

SECTION 17 - SPECIAL CONDITIONS OF QUOTATION AND SALE: Supplementary to the above terms and conditions of sale, circumstances which require quotation of special terms and conditions of sale are available from MNI (Sales and/or Customer Care

SECTION 18 - PROJECT DISCLAIMERS:

- Pricing shown is contingent upon purchase of entire quoted bill of materials and services.
- Additional charges may be applied if a particular component, brand, service, or installation partner is required by the customer
- Microwave Networks reserves the right to replace 3rd party products with alternative equipment of similar or superior function and quality
- Warranty on all 3rd party products is the original manufacturer's warranty or 1 year
- Final antenna type is subject to change based on PCN results

SECTION 19 - COMPLETE AGREEMENT: Buyer acknowledges that Buyer has read and understands these Standard Terms and Conditions of Sale as stated, and agrees to be bound by them and that these are the complete and exclusive statement of the agreement between the parties and supersede all proposals, oral or written, and all other communications between the parties relating to the subject matter. No modification hereof shall be binding upon either party unless such modification is in writing signed by duly authorized representatives of the parties. If any part of the terms and conditions included herein is deemed contrary to, prohibited by or invalid under applicable laws or regulations, such provision shall be deemed omitted to the extent so contrary, prohibited or invalid, but the remainder shall not be invalidated and shall be given effect as far as possible.