SUBJECT: MICROWAVE NETWORK EQUIPMENT

BID #: SC-0457-18 **OPEN DATE: 2018-05-16**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: SUPPLY CONTRACT – OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2022 WITH THREE (3) ONE (1) YEAR RENEWAL OPTIONS

AGENCY: INFORMATION TECHNOLOGIES DIVISION

BASIS OF AWARD: ALL OR NONE TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER FOR THE SUM OF ALL GROUPS (A-D)

NUMBER OF BIDS INVITED: 6 **NUMBER RECEIVED:** 1 **OTHER:** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Recommend approval of award to the lowest responsive, responsible bidder, Microwave Networks, Inc. for the purchase of microwave network equipment for the Information Technologies Division. Period of service will be from date of award through September 30, 2022 with three (3) one (1) year renewal options. Total award amount not-to-exceed $505,934.00.

Funding for this award to be encumbered by account code AFIT534RM-06429 as broken out below by fiscal year and to be executed by purchase order(s).

FY19 - $156,982.00
FY20 - $138,688.00
FY21 - $154,654.00
FY22 - $55,610.00

Attachments: Recommendation Memo, Bid Tabulation Sheet, Terms and Conditions, Specifications

ANALYST: _____ CHELSEY FLEMING

RESPECTFULLY SUBMITTED: _____ GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Kenneth Lathrop, Chief of Information Technologies / CIO

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

INFORMATION TECHNOLOGIES DIVISION

CITY OF JACKSONVILLE

September 28, 2018

TO: Gregory Pease, Chief of Procurement Division

THRU: Kenneth E. Lathrop, Chief of Information Technologies / CIO Kenneth E. Lathrop

JP 9/28/18

FROM: Kim Laidler, Radio Communications Manager, ITD KLL

RE: **BID# SC-0457-18 MICROWAVE NETWORK EQUIPMENT**

The City of Jacksonville received one (1) response to solicitation for Microwave Network Equipment – Bid # SC-0457-18 on May 16, 2018.

There were six (6) vendors solicited. An addendum was issued for SC-0457-18 stating vendors must provide pricing for the parts listed in bid. The current equipment installed is Microwave Network Inc. equipment and all the replacement equipment must be Microwave Network equipment.

Information Technologies Division (ITD) employees performed the review of the bid submission received. ITD management recommends awarding to Microwave Network, Inc. as the lowest responsive, responsible bidder in the amount of $505,934.00

Projected Annual Expenditure Cost

Fiscal Year	Estimated Expenditure
FY2019	$156,982.00
FY2020	$138,688.00
FY2021	$154,654.00
FY2022	$55,610.00

The term for this agreement will be from date of award through September 30, 2019 with three (3) one (1) year renewal options. The equipment parts list and quantities indicated on the bid are subject to changed based on industry standard requirements.

Attached, please find a listing of the tower sites, equipment and quantities scheduled to be purchased in FY2019. The part numbers and quantity for line items 2, 4, and 13 on the attached document have been updated to the latest equipment requirements for City of Jacksonville's radio microwave network. **Funding Source: AFIT534RM – 06429**

Your favorable consideration of this request is appreciated.

CC: Tom Ossi, Technology Contract and Records Manager, ITD
CC: John Proctor, Finance Manager, ITD

Title: MICROWAVE NETWORK EQUIPMENT
Bid # SC-0457-18
Bid Date: 5/16/18
Buyer: Chelsey Fleming
No. Invited: 6 No. Received: 1 No Bids: 0
Recorded By: Renata Barnett 5/16/2018 Date

MICROWAVE NETWORKS, INC.

ITEM	DESCRIPTION	Part Number	Est. QTY	UNIT PRICE	EXTENDED TOTAL
GROUP A - Microwave Network Equipment Refresh Fiscal Year 2018-2019					
1	Crystal Springs Tower to Yellow Water Tower	JNNNN-180G-YY2-EMSH-C	2	$5,321.00	$10,642.00
2	Crystal Springs Tower to Yellow Water Tower	~~3700060-10~~ 8108765-01	4	$281.00	$1,124.00
3	Crystal Springs Tower to JEA SOCC Tower	J11NE2-180G-YY2-EMSH-C	2	$12,960.00	$25,920.00
4	Crystal Springs Tower to JEA SOCC Tower	~~3700060-10~~ 8108765-01	4	$281.00	$1,124.00
5	Crystal Springs Tower to JEA SOCC Tower	8708315-61C	2	$210.00	$420.00
6	Crystal Springs Tower to JEA SOCC Tower	8708326-00CN	1	$696.00	$696.00
7	JEA SOCC Tower to JEA Plaza Tower	J06NE2-180G-YY2-EMSH-C	2	$12,787.00	$25,574.00
8	JEA SOCC Tower to JEA Plaza Tower	J06NE2-180G-YY3-EMSH-C	2	$13,046.00	$26,092.00
9	JEA SOCC Tower to JEA Plaza Tower	8708xxx-10	2	$2,679.00	$5,358.00
10	JEA SOCC Tower to JEA Plaza Tower	8708xxx-20	2	$2,020.00	$4,040.00
11	JEA SOCC Tower to JEA Plaza Tower	8509904-xx	2	$640.00	$1,280.00
12	JEA SOCC Tower to JEA Plaza Tower	8708315-61C	1	$166.00	$166.00
13	JEA SOCC Tower to JEA Plaza Tower	~~3700060-10~~ 8108765-01	4	$281.00	$1,124.00
14	JEA SOCC Tower to JEA Plaza Tower	8708326-00CN	1	$696.00	$696.00
15	JEA SOCC Tower to JEA Plaza Tower	020-60025-2010	2	$7,774.00	$15,548.00
16	JEA SOCC Tower to JEA Plaza Tower	020-60025-2110	1	$9,890.00	$9,890.00
17	JEA SOCC Tower to JEA Plaza Tower	020-60055-2010	2	$8,445.00	$16,890.00
18	JEA SOCC Tower to JEA Plaza Tower	8209345-09	2	$3,874.00	$7,748.00
19	JEA SOCC Tower to JEA Plaza Tower	8000757-00	2	$1,325.00	$2,650.00
			GROUP A TOTAL:	**$156,982.00**	

Title: MICROWAVE NETWORK EQUIPMENT
Bid # SC-0457-18
Bid Date: 5/16/18
Buyer: Chelsey Fleming
No. Invited: 6 No. Received: 1 No Bids: 0
Recorded By: Renata Barnett 5/16/2018 Date

MICROWAVE NETWORKS, INC.

ITEM	DESCRIPTION	Part Number	Est. QTY	UNIT PRICE	EXTENDED TOTAL
GROUP B - Microwave Network Equipment Refresh Fiscal Year 2019-2020					
20	Yellow Water Tower to Firestone Tower	J06KE2-180G-YY2-EMSH-C	2	$15,018.00	$30,036.00
21	Yellow Water Tower to Firestone Tower	8708332-XX	1	$1,047.00	$1,047.00
22	Yellow Water Tower to Firestone Tower	~~3700060-10~~ 8108765-01	2	$281.00	$562.00
23	Yellow Water Tower to Firestone Tower	8708315-63C	1	$334.00	$334.00
24	Firestone to Community Hall	J06NE2-180G-YY2-EMSH-C	1	$12,787.00	$12,787.00
25	Firestone to Community Hall	J06KE2-180G-YY2-EMSH-C	1	$15,018.00	$15,018.00
26	Firestone to Community Hall	~~3700060-10~~ 8108765-01	2	$281.00	$562.00
27	Firestone to Community Hall	8708332-XX	1	$1,047.00	$1,047.00
28	Firestone to Community Hall	8708315-61C	1	$166.00	$166.00
29	Community Hall Tower to Greenland Tower	J06NE2-180G-YY2-EMSH-C	2	$12,787.00	$25,574.00
30	Community Hall Tower to Greenland Tower	8708315-61C	1	$166.00	$166.00
31	Community Hall Tower to Greenland Tower	8708332-XX	1	$1,047.00	$1,047.00
32	Community Hall Tower to Greenland Tower	~~3700060-10~~ 8108765-01	14	$281.00	$3,934.00
33	Greenland Tower to Kernan Tower	J06KE2-180G-YY2-EMSH-C	2	$15,018.00	$30,036.00
34	Greenland Tower to Kernan Tower	8708315-61C	4	$166.00	$664.00
35	Greenland Tower to Kernan Tower	8708332-10C	7	$526.00	$3,682.00
36	Greenland Tower to Kernan Tower	~~3700060-10~~ 8108765-01	2	$281.00	$562.00
37	Greenland Tower to Kernan Tower	8708315-63C	2	$334.00	$668.00
38	Greenland Tower to Kernan Tower	8708315-61C	1	$210.00	$210.00
39	Greenland Tower to Kernan Tower	8708326-00CN	1	$696.00	$696.00
40	Greenland Tower to Kernan Tower	020-60025-2110	1	$9,890.00	$9,890.00
			GROUP B TOTAL:	**$138,688.00**	

Title: MICROWAVE NETWORK EQUIPMENT
Bid # SC-0457-18
Bid Date: 5/16/18
Buyer: Chelsey Fleming
No. Invited: 6 No. Received: 1 No Bids: 0
Recorded By: Renata Barnett 5/16/2018 Date

MICROWAVE NETWORKS, INC.

ITEM	DESCRIPTION	Part Number	Est. QTY	UNIT PRICE	EXTENDED TOTAL
GROUP C -Microwave Network Equipment Refresh Fiscal Year 2020-2021					
41	Kernan Tower to JAX Beach Tower	J06NE2-180G-YY2-EMSH-C	2	$12,787.00	$25,574.00
42	Kernan Tower to Hogan Tower	J06NE2-180G-YY2-EMSH-C	2	$12,787.00	$25,574.00
43	Hogan Tower to JEA Plaza	J06NE2-180G-YY2-EMSH-C	1	$12,787.00	$12,787.00
44	Hogan Tower to JEA Plaza	J06NE2-180G-YY3-EMSH-C	1	$13,046.00	$13,046.00
45	JEA Plaza Tower to 1st Street Tower	J11NE2-180G-YY3-EMSH-C	1	$12,960.00	$12,960.00
46	JEA Plaza Tower to 1st Street Tower	J11NE2-180G-YY2-EMSH-C	1	$13,219.00	$13,219.00
47	JEA SOCC Tower to Lloyd Tower	J11NE2-180G-YY2-EMSH-C	2	$12,960.00	$25,920.00
48	Lloyd Tower to Garden City Tower	J06NE2-180G-YY2-EMSH-C	2	$12,787.00	$25,574.00
			GROUP C TOTAL:	**$154,654.00**	
GROUP D -Microwave Network Equipment Refresh Fiscal Year 2021-2022					
49	1st Street Tower to SJRPP Tower	J06KE2-180G-YY2-EMSH-C	2	$12,787.00	$25,574.00
50	Garden City Tower to SJRPP Tower	J06KE2-180G-YY2-EMSH-C	2	$15,018.00	$30,036.00
			GROUP D TOTAL:	**$55,610.00**	
			GRAND TOTAL: GROUPS A - D:	**$505,934.00**	

TERMS:		NET30
DELIVERY:		30 BUSINESS DAYS
CONFLICT OF INTEREST:		YES
INSURANCE ACKNOWLEDGEMENT FORM:		YES
ADDENDUMS	2	YES
NOTES:		OFFERED DEVIATIONS TO THE PART NUMBERS AND QUANTITIES FOR SPECIFIED ITEMS (SECTION 6 OF GENERAL CONDITIONS)

Fleming, Chelsey

From: Lee Moreno <leem@microwavenetworks.com>
Sent: Tuesday, May 22, 2018 12:16 PM
To: Fleming, Chelsey
Cc: Lee Moreno
Subject: Re: SC-0457-18 Microwave Network Equipment

Hi Chelsey,

Regarding the below two (2) points:

1. Yes. We are proposing the use of the cable with Part Number 8108765-01 because it replaces the cable with Part Number 3700060-10 for this type of application. The 8108765-01 is a dual cable, and therefore, one cable replaces two 3700060-10 cables. Which is the reason for the reduction of the quantity of cables. The same functionality remains.

2. A single 8108765-01 cable ($281.00) replaces two 3700060-10 cables ($61x2=$122.00).

Note: Conscious of this cost impact, we included an overall discount of $11,943 to compensate (from $517,877 to $505,934).

Regards,

Lee

Lee Moreno | Sales Director | Microwave Networks Inc. | Tel. + 281.263.6600 | www.microwavenetworks.com

Notice: The information contained in this email and any attachments to it may be legally privileged and include confidential information intended only for the recipient(s) identified above. If you are not one of those intended recipients, you are hereby notified that any dissemination, distribution or copying of this email or its attachments is strictly prohibited. If you have received this e-mail in error, please notify the sender of that fact by return e-mail and permanently delete the e-mail and any attachments to it immediately. You may not retain, copy or use this email or its attachments for any purpose, nor disclose all or any part of its contents to any other person. Unless expressly stated otherwise, nothing contained in this message or any attachments should be construed as a digital or electronic signature, nor is it intended to reflect an intention to make an agreement by electronic means. Thank you.

Please consider the environment before printing this e-mail.

-------- Original message --------
From: "Fleming, Chelsey" <CFleming@coj.net>
Date: 5/22/18 10:09 AM (GMT-05:00)
To: Lee Moreno <leem@microwavenetworks.com>
Subject: SC-0457-18 Microwave Network Equipment

Good morning,

Please advise on the below clarification questions in regards to Microwave Networks response on subject bid.

1. Please provide written confirmation that the quantity for Part #3700060-10 is correct as proposed for **each** line item/location.

2. Please provide justification for Part #3700060-10 cost increase to **$281.00** per unit. (Currently COJ cost for this cable is **$61.00** per unit)

Thank you,

Chelsey Fleming

Confidentiality Notice: The information contained in this e-mail and any attachments to it may be legally privileged and include confidential information intended only for the recipient(s) identified above. If you are not one of those intended recipients, you are hereby notified that any dissemination, distribution or copying of this e-mail or its attachments is strictly prohibited. If you have received this e-mail in error, please notify the sender of that fact by return e-mail and permanently delete the e-mail and any attachments to it immediately. Please do not retain, copy or use this e-mail or its attachments for any purpose, nor disclose all or any part of its contents to any other person. Thank you.

TERMS AND CONDITIONS
MICROWAVE NETWORK EQUIPMENT

1. SCOPE

The City of Jacksonville, Information Technology Division is currently accepting bids to obtain source(s) of supply for the item(s) / service(s) as outlined in the bid documents provided. The purpose of this bid invitation is to obtain information about your firm and its ability to provide these item(s) / service(s) and to obtain pricing commitments for Microwave Network Equipment as listed in the bid documents.

2. AWARD

Award will be **ALL OR NONE** to the lowest responsive, responsible bidder, for the sum of all Groups (Groups A through D). Bidders must bid on all items to be considered for award. ALL awards are subject to the availability of funds.

3. TERM OF AGREEMENT

The term of this agreement is from October 1, 2018 through September 30, 2022, with three (3) one (1) year renewal options. Renewal Options may be exercised at the discretion of the City based on supplier performance and adherence to the terms and condition set forth in the bid documents.

4. MINIMUM REQUIREMENTS

Vendors should submit or comply with the following requirements; failure to submit any of these requirements may be grounds for rejection:

a. Vendor shall provide proof of applicable local business license.
b. Vendor must be a certified MICROWAVE NETWORK Partner and attach documentation confirming this.
c. Vendor must provide TIER 2 365/24 technical support throughout equipment warranty period.
d. Vendor must provide up to Forty (40) hours of onsite equipment hardware/software training for three (3) radio engineers. ALL TRAINING MUST BE AT NO ADDITIONAL COST TO THE CITY.
e. Vendor must submit a minimum of one (1) and a maximum of four (4) references, including a contact person, phone number, and address for work performed within the last three (3) years at commercial, government, educational and/or institutional complexes for contracts of comparable size. Vendor must submit a brief description of the MICROWAVE NETWORK products provided. At least one client shall have multiple locations.
f. Vendors shall have been in business a minimum of three (3) years.

5. STATE CONTRACTS

The City reserves the right to utilize contracts established by the State of Florida and or other governmental agencies for item(s)/service(s) covered under this bid. The city reserves the right to cancel this contract in whole or in part for such item(s)/service(s).

6. QUANTITIES

Quantities indicated reflect the estimated quantities to be purchased throughout the contract period and are subject to fluctuation in accordance with actual requirements. The City reserves the right to purchase more than the estimated quantities listed or not to make any purchase against this bid if it so deems necessary anytime during the contract period.

7. DELIVERY

Phased delivery to be coordinated with the City's, Information Technologies Division's, Inventory Control/Service Specialist Pierre Kendrick. Deliveries must be scheduled a minimum of one (1) business day in advance and delivered inside at 1020 Superior Street, Jacksonville, Florida 32254. Vendor to provide CSV file containing serial number, make, model, warranty start and end date, ship date, and purchase order number. A packing list shall accompany all shipments, which shall indicate, at a minimum, the following: purchase order number, item number and description, date shipment, quantity ordered and shipped, unit prices and unit of measurement. **ALL DELIVERIES OF EQUIPMENT MUST BE DELIVERED WITH 30 DAYS of Receipt of PURCHASE ORDER.**

8. ESCALATION/DE-ESCALATION

All pricing submitted shall remain firm for the initial term period. Upon renewal (if applicable), a supplier may submit in writing a request for price escalation/de-escalation for the percentage of change as listed in the Consumer Pricing Index (CPI) and/or documentation notifying of an industry wide increase. The City reserves the right to decline any price increase request.

9. PRICES

All unit prices shall include freight, delivery, and handling charges to the delivery location as outlined in the bid documents.

10. PICK UP AND RETURNS

The City reserves the right to return an order in whole or in part if the merchandise is not in compliance with the bid specifications. The City or its agencies will determine compliance with bid specifications. Pick up and returns will be made within 48 hours of notification at no charge to the City or its agencies.

11. COMPLIANCE WITH SPECIFICATIONS

The bidder, by affixing their signature to the bid form submitted, agrees to provide item(s)/service(s) in accordance with the bid documents provided. Bid only a single offering for each bid item. Multiple offerings, alternates (unless stated) and or stipulations may be cause for bid rejection. Bid only on forms provided herein unless otherwise stated. Bid submissions shall be in ink or typewritten. All corrections must be initialed.

12. INVOICING

Invoices will be issued once services are delivered and/or rendered to the City of Jacksonville or its agencies. At a minimum, invoices must include: purchase order number, item number and description, date of shipment, quantity ordered and shipped, unit prices, unit of measure, and extended totals. Payment terms are Net 30 days. All original invoices shall be submitted to: City of Jacksonville, General Accounting Division, 117 West Duval Street, Suite 375, Jacksonville, Florida, 32202.

13. INSURANCE/INDEMNIFICATION

Each supplier shall maintain, for the entire term of this bid, current insurance coverage as stated in the bid documents. All insurance certificates shall list the City of Jacksonville as an additional insured. The awarded vendor will be required to submit the copy of insurance certificate within ten (10) days from date of receipt of award notice. Bid number should be listed on certificate.

14. REPORTING

The City may request, during the term of this bid, reports including but not limited to; usage, pricing, and delivery. Suppliers will be required to provide reports requested in hard copy and electronic format as required.

15. SUPPLIER ACCESSIBILITY

The City or its representative must be able to contact, during normal business hours, by telephone or email any supplier providing goods or services to the City or its agencies. Any supplier accessibility requirements outlined in the specifications supersede this section.

SPECIFICATIONS
MICROWAVE NETWORK EQUIPMENT

1. SCOPE

1.1 The City of Jacksonville requests bids from qualified individuals and firms with the experience in providing factory new Microwave Network Hardware, to include but not limited to: Transceiver Modules, Gigabit Ethernet Radio, Network Shelves, Wave Guide Extensions, and T1 Shelf etc.
This equipment will be purchased to replace End of Life (EOL) equipment at various microwave tower locations serviced by the City of Jacksonville's Information Technologies Division.
The City of Jacksonville's Information Technologies Division supports more than 8,000 two-way radios utilizing ten (10) microwave tower locations for radio communication for its P25 Public Safety radio network.

1.2 Unless otherwise specified, the hardware must not be end of life (EOL). If the City does request a product deemed end of life; the vendor shall notify the City in writing of the EOL date.

1.3 Reservation: Commencement date may fluctuate. Vendor will hold pricing firm until such equipment is fully implemented.

2. WARRANTY (GOODS)

Vendors warrant that the furnished equipment shall be free from defects in material and fabrication for a period of not less than one (1) year from the date of delivery and acceptance at the City site. Standard Microwave Network equipment warranty applies. ALL EQUIPMENT MUST BE NEW NO REFURBISHED EQUIPMENT.