

SERIAL 08127 IGA DIGITAL MICROWAVE RADIO EQUIPMENT

DATE OF LAST REVISION: December 03, 2008 CONTRACT END DATE: October 31, 2009

**CONTRACT PERIOD BEGINNING DECEMBER 01, 2008
ENDING OCTOBER 31, 2009**

TO: All Departments
FROM: Department of Materials Management
SUBJECT: Contract for **DIGITAL MICROWAVE RADIO EQUIPMENT**

Attached to this letter is a listing of vendors available to Maricopa County Agencies utilizing the Arizona State Procurement Contract EPS080080. The using agency and other interested parties may access and electronic version of this contract from the Materials Management Web site at:

http://www.maricopa.gov/materials/Awarded_Contracts/search.asp.

Please note: Price Agreement Purchase Orders (PG documents) may be generated using the information from this list. Use NIGP CODE 7256102.

All purchases of product(s) listed on the attached pages of this letter are to be obtained from the listed contractor(s).

Contract**Solicitation #EPS080080-A1**

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Document Information 

Type:	Supplier	Amendment:	No	Amend. #:	0
Requisition #:	ADSM-7BN6YT	Solicitation #:	<u>EPS080080-A1</u>	Contract #:	EPS080080-2
Created By:	Notes Administrator/az.gov	Date Created:	10/31/2008		
PO Assigned:	LeAnn Wong/ADSM-5KAM9N	Date Completed:	10/31/2008		
PM Assigned:	Doug Milford/ADSM-5KAM9N	PA Assigned:	James Scarboro/ADSM-5KAM9N		
Supplier Name:	<u>Microwave Networks Incorporated</u>	Proposal #:	<u>ADSM-7CG4M3</u>		
Gov't Entity:	Arizona State Procurement Office	Type:	Statewide		
Process Status:	Complete	Status:	Complete		
Total/Not to Exceed Cost:	0.00	External Contract:			

Contract Information 

Start Date:	11/01/2008	End Date:	10/31/2009
Term:	1 Year(s)	FOB:	
Payment Terms:	Net 30 Days	Delivery:	90 A.R.O. Days
Contract Extension Allowed		Max Extension:	4 Year(s)

Solicitation Information 

Title:	Digital Microwave Radio Equipment	Type:	RFP
Description:	Digital Microwave Radio Equipment		

Clauses**Sections - Clauses**

[Special Instructions](#)
[Special Terms and Conditions](#)
[Uniform Instructions](#)
[Uniform Terms and Conditions](#)

Other Data

* [Offer & Acceptance](#)
* [Price Sheet](#)

Attachments 

[AWARD DETERMINATION.doc](#)
[DXC DCS data sheet.pdf](#)
[EPS080080-2_CON.pdf](#)
[EPS080080-A1_SOL.pdf](#)
[M-Series 11 Response Form D.xls](#)
[M-Series 11 Response Form K Customer Support bid.xls](#)
[M-Series 18 Response Form D.xls](#)
[M-Series 18 Response Form K Customer Support bid.xls](#)
[M-Series 23 Response Form D.xls](#)
[M-Series 23 Response Form K Customer Support bid.xls](#)
[M-Series 6 Response Form D.xls](#)
[M-Series 6 Response Form K Customer Support bid.xls](#)
[M-Series Switching.doc](#)
[Megaplex-2100 data sheet.pdf](#)
[Microwave Equipment Determination--debarment confirmation.doc](#)
[Optimux-45L data sheet.pdf](#)

[Product Support Policy.doc](#)
[Proteus AMT M-Series User's Manual.pdf](#)
[Proteus M-Series Training Course Outline.doc](#)
[Questions and Answers.doc](#)
[Recommended Test Equipment.doc](#)
[Response Form A -- General Price Sheets.doc](#)
[Response Form A -- General Price Sheets.doc](#)
[Response Form B -- Questionnaire.doc](#)
[Response Form B -- Questionnaire.doc](#)
[Response Form C -- Certificate of Insurance.doc](#)
[Response Form D general specification bid.xls](#)
[Response Form E 6GHz bid v2.xls](#)
[Response Form E 6GHz bid v2.xls](#)
[Response Form F 11GHz bid v2.xls](#)
[Response Form F 11GHz bid v2.xls](#)
[Response Form G 18 GHz bid v2.xls](#)
[Response Form G 18 GHz bid v2.xls](#)
[Response Form H 23 GHz bid v2.xls](#)
[Response Form H 23 GHz bid v2.xls](#)
[Response Form I 4.9 GHz bid.xls](#)
[Response Form J 960MHz bid.xls](#)
[Response Form K Customer Support bid.xls](#)
[RFP CLASS DETERMINATION.pdf](#)
[Scope of Work and Specifications v2.doc](#)
[SHARP Protection Description.doc](#)
[Technical Support Policy with Escalation.doc](#)

All Contracts

Contract #	Supplier	Title	Status	Start Date	End Date	A	A#
EPS080080-0	Main	Digital Microwave Radio Equipment	Complete	11/01/2008	10/31/2009	No	0
EPS080080-1	Tempest Telecom Solutions, LLC	Digital Microwave Radio Equipment	Complete	11/01/2008	10/31/2009	No	0
EPS080080-2	Microwave Networks Incorporated	Digital Microwave Radio Equipment	Complete	11/01/2008	10/31/2009	No	0
EPS080080-3	Conterra	Digital Microwave Radio Equipment	Complete	11/01/2008	10/31/2009	No	0
EPS080080-4	Durham Communications, Inc.	Digital Microwave Radio Equipment	Complete (Cancelled)	11/01/2008	10/31/2009	No	0
EPS080080-5	Harris Stratex Networks Operating Corp.	Digital Microwave Radio Equipment	Complete	11/01/2008	10/31/2009	No	0
EPS080080-6	Network Infrastructure Corporation	Digital Microwave Radio Equipment	Complete	11/01/2008	10/31/2009	No	0
EPS080080-7	Access Technologies, Inc.	Digital Microwave Radio Equipment	Complete	11/01/2008	10/31/2009	No	0
EPS080080-8	Control Microsystems Inc	Digital Microwave Radio Equipment	Complete	11/01/2008	10/31/2009	No	0
EPS080080-9	AMERICAS TELECOMMUNICATIONS	Digital Microwave Radio Equipment	Complete (Cancelled)	11/01/2008	10/31/2009	No	0

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Price Sheets

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VENDOR:

For the goods and/or services specified herein, the following apply:

- Delivery is required within 90 calendar days after receipt of an order. Offeror will deliver within 90 Days. (Refer to Special Terms and Conditions for delivery requirements.)
- Prompt Payment Discount: If payment is made within _____ calendar days after acceptance of goods and/or services, the above quoted price, excluding sales tax, shall be discounted by _____ %. This discount shall be applied to all Agency purchase transactions, excluding those initialized utilizing a credit or "Purchasing" card.
- Notice: The State will assume that the price(s) offered do not include any applicable transaction privilege (sales) taxes.
- Sales Tax Percent: 8.1 %. (See Uniform Instructions to Offerors, paragraph 3.J.)



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VENDOR:

MICROWAVE PRICE SHEETS

UNIT PRICE

Line Item #0100

6 GHz hot-standby (monitored) DS3 terminal, fully racked, and including radio switch, duplexer, and T1 Multiplexer as described in specifications .
Radio Class/Model # N06PM1-044E-NY0-BL32

\$ 24,175

Line Item #0105

Orderwire option for Line Item #0100

\$ 65

Line Item #0110

6 GHz non-standby DS3 terminal, fully racked, and including duplexer, and T1 multiplexer as described in specifications
Radio Class/Model # N06NM1-044E-NY0-BL32

\$ 14,537

Line Item #0111

6 GHz diversity receiver DS3 terminal, fully racked, and including duplexer and T1 multiplexer as described in specifications
Radio Class/Model # N06SM1-044E-NY0-BL32

\$ 24,755

Line Item #0115

Orderwire option for Line Item #0110 & #0111.....

\$ 65

Line Item #0120

Discount percent on all other similar 6 GHz Class/Model configurations

35%

Line Item #0130

Spare Parts discount for Items #0100 and #0110

15%

Line Item #0140

Discount on all catalog accessories of Line Items #0100 & #0110

5%

Line Item #0150

Discount on all multiplex/channel bank catalog items
Specify multiplex manufacturer/type RAD Megaplex-2104

0%

Line Item #0160

Price per-path for microwave frequency coordination

\$ 1,790



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VENDOR:

Line Item #0170
Hourly rate for path field engineering services \$/hr 180

Line Item #0180
Microwave terminal installation services in Arizona; hourly rate \$/hr 160

Line Item #0190
Digital cross-connect (DACS) \$ 6,800
Specify manufacturer/model RAD DXC-8R

Line Item #0195
Outboard M13 Multiplexer \$ 2,255
Specify manufacturer/model RAD Optimux-45L

Line Item #0196
Outboard Larus or equivalent loop protection switch \$ 2,305
Model Larus 5702L2A

Line Item #0197
Specialized test equipment for Line Items #0100 and #0110 (package total) \$ 0
(Attach list of individual items and prices)

Line Item #0198
Technical training for equipment of items #0100 and #0110
Per person – Vendor Facility \$ 1,500
Per person - Buyer Facility in Arizona \$ 1,500

Line Item #0199
Proprietary and Simple Network Management Protocol (SNMP) for #0100 & #0110.... \$ 7,500



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VENDOR:

Line Item #0200

10.5 GHz hot-standby (monitored) 4-T1 terminal, fully racked, and including radio switch, duplexer, and T1 Multiplexer as described in specifications .
Radio Class/Model # _____

\$ _____

Line Item #0205

Orderwire option for Line Item #0200

\$ _____

Line Item #0210

10.5 GHz non-standby 4-T1 terminal, fully racked, and including duplexer, and T1 multiplexer as described in specifications
Radio Class/Model # _____

\$ _____

Line Item #0211

10.5 GHz diversity receiver DS3 terminal, fully racked, and including duplexer and T1 multiplexer as described in specifications
Radio Class/Model # _____

\$ _____

Line Item #0215

Orderwire option for Line Item #0210 & #0211.....

\$ _____

Line Item #0220

Discount percent on all other similar 10.5 GHz Class/Model configurations

_____%

Line Item #0230

Spare Parts discount for Items #0200 and #0210

_____%

Line Item #0240

Discount on all catalog accessories of Line Items #0100 & #0110

_____%

Line Item #0250

Discount percent on all multiplex/channel bank catalog items
Specify multiplex manufacturer/type _____

_____%

Line Item #0260

Price per-path for microwave frequency coordination

\$ _____

Line Item #0270

Hourly rate for path field engineering services

\$/hr _____

Line Item #0280

Microwave terminal installation services in Arizona; hourly rate

\$/hr _____



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VENDOR:

Line Item #0297

Specialized test equipment for Line Items #0200 and #0210 (package total) \$ _____

(Attach list of individual items and prices)

Line Item #0298

Technical training for equipment of items #0200 and #0210

Per person – Vendor Facility \$ _____

Per person - Buyer Facility in Arizona \$ _____

Line Item #0299

Proprietary and Simple Network Management Protocol (SNMP) for #0200 & #0210.... \$ _____



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VENDOR:

Line Item #0300

11 GHz hot-standby (monitored) DS3 terminal, fully racked, and including radio switch, duplexer, and T1 Multiplexer as described in specifications .

\$ \$24,685

Radio Class/Model # N11PM1-044E-NY0-BL32

Line Item #0305

Orderwire option for Line Item #0300

\$ 65

Line Item #0310

11 GHz non-standby DS3 terminal, fully racked, and including duplexer, and T1 multiplexer as described in specifications

\$ \$14,831

Radio Class/Model # N11NM1-044E-NY0-BL32

Line Item #0311

11 GHz diversity receiver DS3 terminal, fully racked, and including duplexer and T1 multiplexer as described in specifications

\$ \$25,271

Radio Class/Model # N11SM1-044E-NY0-BL32

Line Item #0315

Orderwire option for Line Item #0310

\$ 65

Line Item #0320

Discount percent on all other similar 11 GHz Class/Model configurations.

35%

Line Item #0330

Spare Parts Option for Items #0300 and #0310

15%

Line Item #0340

Discount percent on all catalog accessories of Line Items 0300 & 0310

5%

Line Item #0350

Discount percent on all multiplex/channel bank catalog items

0%

Specify multiplex manufacturer/type RAD Megaplex-2104

Line Item #0360

Price per-path for microwave frequency coordination

\$ \$1,790

Line Item #0370

Hourly rate for path field engineering services

\$/hr 180

Line Item #0380

Microwave terminal installation services in Arizona; hourly rate

\$/hr 160



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VENDOR:

Line Item #0395

Outboard M13 Multiplexer \$ 2,255
Specify manufacturer/model RAD Optimux-45L

Line Item #0397

Specialized test equipment for Line Items #0300 and #0310 (package total) \$ 0
(Attach list of individual items and prices)

Line Item #0398

Technical training for equipment of items #0300 and #0310
Per person – Vendor Facility \$ 1,500
Per person - Buyer Facility in Arizona \$ 1,500

Line Item #0399

Proprietary and Simple Network Management Protocol (SNMP) for #0300 & #0310.... \$ 7,500



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VENDOR:

Line Item #0400

18 GHz hot-standby (monitored) two-piece DS3 terminal, fully racked, and including radio switch, duplexer, and T1 Multiplexer as described in specifications

\$ \$17,404

Radio Class/Model # N18PS1-044A-NY0-BL32

Line Item #0405

Orderwire option for Line Item #0400

\$ 65

Line Item #0410

18 GHz non-standby two-piece DS3 terminal, fully racked, and including duplexer, and T1 multiplexer as described in specifications

\$ \$10,176

Radio Class/Model # N18NS1-044A-NY0-BL32

Line Item #0411

18 GHz diversity receiver DS3 terminal, fully racked, and including duplexer and T1 multiplexer as described in specifications

\$ \$17,989

Radio Class/Model # N18SS1-044A-NY0-BL32

Line Item #0415

Orderwire option for Line Item #0410 & #0411

\$ 65

Line Item #0420

Discount percent on all other similar 18 GHz Class/Model configurations. 35%

Line Item #0430

Spare Parts Option for Items #0400 and #0410

15%

Line Item #0440

Discount percent on all catalog accessories of Line Items 0400 & 0410 5%

Line Item #0450

Discount percent on all multiplex/channel bank catalog items

0%

Specify multiplex manufacturer/type RAD Megaplex-2104

Line Item #0460

Price per-path for microwave frequency coordination

\$ \$1,790



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VENDOR:

Line Item #0470
Hourly rate for path field engineering services \$/hr 180

Line Item #0480
Microwave terminal installation services in Arizona; hourly rate \$/hr 160

Line Item #0496
Outboard Larus loop protection switch \$ 2,305
Model Larus 5702L2A

Line Item #0497
Specialized test equipment for Line Items #0400 and #0410 (package total)..... \$ 0
(Attach list of individual items and prices)

Line Item #0498
Technical training for equipment of items #0400 and #0410
Per person – Vendor Facility \$ 1,500
Per person - Buyer Facility in Arizona \$ 1,500

Line Item #0499
Proprietary and Simple Network Management Protocol (SNMP) for #0400 & #0410.... \$ 7,500



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VENDOR:

Line Item #0500

23 GHz hot-standby (monitored) single-piece DS3 terminal, fully racked, and including radio switch, duplexer, and T1 Multiplexer as described in specifications

\$ 17,404

Radio Class/Model # N23PS1-044A-NY0-BL32

Line Item #0505

Orderwire Option for Items #0505

\$ 65

Line Item #0510

23 GHz non-standby single-piece DS3 terminal, fully racked, and including duplexer, and T1 multiplexer as described in specifications

\$ 10,176

Radio Class/Model # N23NS1-044A-NY0-BL32

Line Item #0511

23 GHz diversity receiver DS3 terminal, fully racked, and including duplexer and T1 multiplexer as described in specifications

\$ 17,989

Radio Class/Model # N23SS1-044A-NY0-BL32

Line Item #0515

Orderwire Option for Items #0510 & #0511.....

\$ 65

Line Item #0520

Discount percent on all other similar 23 GHz Class/Model configurations.....

35%

Line Item #0530

Spare Parts Option for Items #0500 and #0510

15%

Line Item #0540

Discount percent on all catalog accessories of Line Items 0500 & 0510

0%

Line Item #0550

Discount percent on all multiplex/channel bank catalog items

5%

Line Item #0560

Price per-path for microwave frequency coordination

\$ 1,790

Line Item #0570

Hourly rate for path field engineering services

\$/hr 180



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VENDOR:

Line Item #0580

Microwave terminal installation services in Arizona; hourly rate \$/hr 160

Line Item #0590

Digital cross-connect (DACs) \$ 6,800

Specify manufacturer/model RAD DXC-8R

Line Item #0595

Outboard M13 Multiplexer \$ 2,255

Specify manufacturer/model RAD Optimux-45L

Line Item #0596

Outboard Larus loop protection switch \$ 2,305

Model Offered Larus 5702L2A

Line Item #0597

Specialized test equipment for Line Items #0500 and #0510 (package total)..... \$ 0

(Attach list of individual items and prices)

Line Item #0598

Technical training for equipment of items #0500 and #0510

Per person – Vendor Facility \$ 1,500

Per person - Buyer Facility in Arizona \$ 1,500

Line Item #0599

Proprietary and Simple Network Management Protocol (SNMP) for #0500 & #0510.... \$ 7,500



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VENDOR:

Line Item #0600

960 MHz hot-standby (monitored) 2 T-1 terminal,
and including radio switch, duplexer, as described in specifications \$ _____
Radio Class/Model # _____

Line Item #0610

960 MHz non-standby 2 T-1 terminal, and including
duplexer, as described in specifications \$ _____
Radio Class/Model # _____

Line Item #0620

Discount percent on all other similar 960 MHz Class/Model
configurations..... _____%

Line Item #0630

Orderwire Option for Items #0600 and #0610 \$ _____
Model # _____

Line Item #0640

Spare Parts Option for Items #0600 and #0610 _____%

Line Item #0650

Discount percent on all catalog accessories of Line Items 0600 & 0610 \$ _____

Line Item #0660

Discount percent on all Rad-Mux multiplex catalog items _____%

Line Item #0697

Specialized test equipment for Line Items #0600 and #0610 (package total)..... \$ _____
(Attach list of individual items and prices)

Line Item #0698

Technical training for equipment of items #0600 and #0610
Per person – Vendor Facility \$ _____
Per person - Buyer Facility in Arizona \$ _____

Line Item #0699

Proprietary and Simple Network Management Protocol (SNMP) for #0600 & #0610.... \$ _____



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VENDOR:

Line Item #0700

4.9 GHz T1 Radio, including duplexer, IDU as per specifications \$ _____

Radio Class/Model # _____

Line Item #0705

4.9 GHz T1 Radio, including duplexer, IDU/ODU as per specifications \$ _____

Radio Class/Model # _____

Line Item #0710

Orderwire Option for Items #0700, 0705..... \$ _____

Model # _____

Line Item #0720

Catalog Discount on all other similar 960 MHz Class/Model configurations ____%

Line Item #0730

Spare Parts Option for Items #0700%

Line Item #0740

Discount percent on all catalog accessories for Line Items 0700, 0705..... \$ _____

Line Item #0750

Specialized test equipment for Line Item #0700, 0705 (package total) \$ _____

(Attach list of individual items and prices)

Line Item #0760

Technical training for equipment of item #0700 and #0705

Per person – Vendor Facility \$ _____

Per person - Buyer Facility in Arizona \$ _____