

State of North Carolina
Office of Information Technology Services

Beverly Eaves Perdue
Governor

Gerald L. Fralick
State Chief Information Officer

Memorandum

To: Jennifer Jackson, Purchasing Agent
Crime Control and Public Safety

From: Sherwood Creech, Contract Specialist
Statewide IT Procurement Office

Subject: **Microwave Communications Equipment**
ITS-005051, Renewal 1 of 2

Date: July 11, 2011

A handwritten signature in red ink, appearing to read "Sherwood Creech".

The Statewide IT Procurement Office has reviewed and approved your recommendation to renew the Microwave Communications Equipment contract to Seamless Mobility Solutions for one additional year. The new term of the contract will be for a period of one (1) year beginning August 13, 2011 and ending August 12, 2012. There is one additional renewal remaining on the contract.

This agreement shall not be amended or extended without prior written approval from this office.

If you have any questions or require further information, please contact me at (919) 754-6668 or at Sherwood.creech@nc.gov.

Thank you.



Office of Information Technology Services

CERTIFICATION OF AWARD

THIS IS NOT A PURCHASE ORDER

BID/FILE NUMBER: ITS-005051

THIS BID NUMBER MUST BE SHOWN ON
YOUR PURCHASE ORDER

TO: Jennifer Jackson, Purchasing
Crime Control and Public Safety

DATE: August 13, 2010
REQUISITION NO: PR9889602
DELIVERY: FOB Destination

In accordance with the requirements of General Statutes 147-33.95, we certify contract on the items listed below to be ordered by you. Issue order immediately and directly to the vendor listed, giving complete shipping instructions. Order only the item(s) listed and the quantity(ies) as shown in the ITS contract document. Price(s) includes delivery to destination. Read the contract in its entirety including the attached Terms and Conditions to be aware of any action necessary on your part.

Commodity: 725 Alcatel Microwave Equipment in accordance with IFB ITS-005051.

TOTAL: \$3,728,893.00 estimated yearly amount

This is an Agency specific, Convenience contract. The State cannot and will not guarantee in minimum or maximum quantities on this contract.

VENDOR: Seamless Mobility Solutions
5531 Equipment Drive, Suite B
Charlotte, NC 28262

Sherwood Creech, Contract Specialist
Statewide IT Procurement Office

INSTRUCTIONS TO VENDORS:

1. **THIS IS NOT A PURCHASE ORDER**. Do not make shipment until you have received an official order from the using agency.
2. Invoices should be made out to the using agency and forwarded directly to them for payment
3. The exact items certified and ordered must be shipped. No substitutions shall be made without prior approval of the Office of Information Technology Services.
4. Applicable North Carolina sales and use tax shall be added to invoices as a separate item.
5. Please note the contract award description above: the contract awarded to you may be a portion of the contract rather than the complete contract.

| | |
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| STATE OF NORTH CAROLINA Office of Information Technology Services Statewide IT Procurement Office | INVITATION FOR BIDS NO. ITS-005051 |
| | Bids will be publicly opened: July 28, 2010 @ 2:00 |
| | Contract Type: Agency Specific - Brand Specific |
| <i>Refer ALL Inquiries to:</i> Sherwood Creech, Contract Specialist E-Mail: Sherwood.creech@nc.gov | Issue Date: July 16, 2010 Commodity Number: 725 Commodity: Alcatel Microwave Communications Equipment |
| Telephone No.: 919-754-6668 | Using Agency Name: NCCCPS |
| (See page 2 for mailing instructions.) | Agency Requisition No. PR9889602 |

NOTICE TO VENDORS

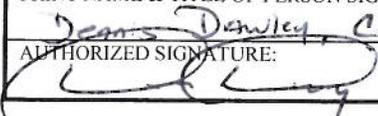
Sealed bids, subject to the conditions made a part hereof, will be received at this office 333 E. Six Forks Road, Raleigh, NC until 2:00 pm Eastern Time on the day of opening and then opened, for furnishing and delivering the goods and/or services as described herein. Refer to Page 2 for proper mailing instructions.

Bids submitted via facsimile (FAX) machine in response to this Invitation for Bids will not be accepted. Bids are **subject to rejection unless submitted on this form.**

EXECUTION

In compliance with this Invitation for Bids, and subject to all the conditions herein, the undersigned offers and agrees to furnish and deliver any or all items upon which prices are bid, at the prices set opposite each item within the time specified herein. By executing this bid, I certify that this bid is submitted competitively and without collusion (G.S. 147-33-100).

Failure to execute/sign bid prior to submittal shall render bid invalid. Late bids are not acceptable.

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|--|--|--------------------------------------|
| BIDDER: SEAMLESS mobility solutions | | |
| STREET ADDRESS: 5531 EQUIPMENT DRIVE Suite 13 | P.O. BOX: | ZIP: 28262 |
| CITY & STATE & ZIP: CHARLOTTE, NC | TELEPHONE NUMBER: 704-714-1471 | TOLL FREE TEL. NO |
| PRINT NAME & TITLE OF PERSON SIGNING: James Dawley, CFO | FAX NUMBER: (704) 659-2159 | |
| AUTHORIZED SIGNATURE:  | DATE: 7/27/10 | E-MAIL: ddawley@b-desi.com |

Offer valid for thirty (30) days from date of bid opening unless otherwise stated here: ___ days (See Instructions to Vendors, Item 5). Prompt Payment Discount: ___ % ___ days (See Instructions to Vendors, Item 6).

ACCEPTANCE OF BID

If any or all parts of this bid are accepted, an authorized representative of Statewide IT Procurement shall affix their signature hereto and this document and the provisions of the Instructions to Vendors, special terms and conditions specific to this Invitation for Bids, the specifications, and the ITS Terms and Conditions shall then constitute the written agreement between the parties. A copy of this acceptance will be forwarded to the successful Vendor(s).

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| <u>FOR STATEWIDE IT PROCUREMENT USE ONLY</u> |
| Offer accepted and contract awarded this <u>13</u> day of <u>August</u> , 20 <u>10</u> , as indicated on attached certification, by  (Authorized representative of ITS). |

information, which conforms to NC General Statute, 132-1.2 must be clearly marked as such in the offer when submitted.

SECTION 10: STATEMENT OF SUPPORT FROM THE MANUFACTURER

If the Vendor is anyone other than the manufacturer bidding direct (“Direct” means buys directly from the manufacturer and not from a distributor or other source), the proposal must contain a statement of support from the manufacturer that conforms to the following requirements:

- a) The Statement must be current, dated, on the manufacturer’s letterhead, addressed to the State of North Carolina, and signed by an individual authorized to bind the manufacturer.
- b) The Statement must stipulate:
 - a. The Vendor is an Authorized Reseller of the manufacturer’s product line as it relates to North Carolina IFB ITS-005051. The manufacturer is committed to supporting the specifications and requirements of the contract for the duration of the contract, acknowledging that it bears sole performance responsibility for products provided by Vendor in response to ITS-005051.
 - b. The manufacturer intends to maintain and publish the established method of pricing (U.S. Price List) for the duration of this contract, and will make such information available to the State for auditing purposes as described elsewhere herein.

Vendor bids that do not include the Statement of Support from the Manufacturer shall be deemed non compliant and considered no further.

SECTION 11: BRAND SPECIFIC

Manufacturer’s name and product description used in this solicitation are brand and product specific. The products offered in response to this solicitation must be of the manufacturer and type specified.

No substitutions will be accepted.

SECTION 12: FURNISH AND DELIVER

The quantities below are estimates of yearly procurement. The State reserves the right to purchase any quantity at the quoted price. The State does not and cannot guarantee any minimum nor maximum quantities on this contract.

| ITEM | QTY. | UOM | DESCRIPTION Alcatel-Lucent, Inc Microwave Radio Equipment and Components to include the following; X=5 or 7 X=5 is 32 TCM X=7 is 128 TCM | UNIT COST | TOTAL EXTENDED COST |
|------|------|------|--|-----------|---------------------|
| 1. | 1 | Each | Microwave Radio 6 GHz MDR-8X06-4-14-HS | \$16,450 | \$16,450 |
| 2. | 1 | Each | Microwave Radio 6 GHz MDR-8X06-4-23-HS | \$19,775 | \$19,775 |
| 3. | 1 | Each | Microwave Radio 6 GHz MDR-8X06-4-23-HSSD | \$19,688 | \$19,688 |
| 4. | 1 | Each | Microwave Radio 6 GHz MDR-8X06-4-29-HS | \$19,982 | \$19,982 |
| 5. | 1 | Each | Microwave Radio 6 GHz MDR-8X06-4-29-HSSD | \$20,277 | \$20,277 |
| 6. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-8-14-HS | \$19,864 | \$39,728 |
| 7. | 1 | Each | Microwave Radio 6 GHz MDR-8X06-8-14-HSSD | \$20,159 | \$20,159 |

| ITEM | QTY. | UOM | DESCRIPTION Alcatel-Lucent, Inc Microwave Radio Equipment and Components to include the following; | UNIT COST | TOTAL EXTENDED COST |
|------|------|------|---|-----------|---------------------|
| 8. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-8-23-HS | \$ 22,807 | \$ 45,614 |
| 9. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-8-23-HSSD | \$ 23,102 | \$ 46,204 |
| 10. | 10 | Each | Microwave Radio 6 GHz MDR-8X06-8-29-HS | \$ 23,396 | \$ 233,960 |
| 11. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-8-29-HSSD | \$ 23,690 | \$ 47,380 |
| 12. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-8-31-HS | \$ 25,508 | \$ 51,016 |
| 13. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-8-31-HSSD | \$ 25,768 | \$ 51,536 |
| 14. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-12-29-HS | N/A | N/A |
| 15. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-16-14-HS | \$ 20,500 | \$ 41,000 |
| 16. | 3 | Each | Microwave Radio 6 GHz MDR-8X06-16-23-HS | \$ 22,900 | \$ 68,700 |
| 17. | 3 | Each | Microwave Radio 6 GHz MDR-8X06-16-29-HS | \$ 23,300 | \$ 69,900 |
| 18. | 1 | Each | Microwave Radio 6 GHz MDR-8X06-16-29-HSSD | \$ 23,428 | \$ 23,428 |
| 19. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-16-31-HS | \$ 25,305 | \$ 50,610 |
| 20. | 2 | Each | Microwave Radio 6 GHz MDR-8X06-16-31-HSSD | \$ 25,545 | \$ 51,090 |
| 21. | 1 | Each | Microwave Radio 6 GHz MDR-8606-45-14-HS | \$ 20,832 | \$ 20,832 |
| 22. | 1 | Each | Microwave Radio 6 GHz MDR-8606-45-14-HSSD | \$ 21,349 | \$ 21,349 |
| 23. | 2 | Each | Microwave Radio 6 GHz MDR-8606-45-23-HS | \$ 23,417 | \$ 46,834 |
| 24. | 2 | Each | Microwave Radio 6 GHz MDR-8606-45-23-HSSD | \$ 23,934 | \$ 47,868 |
| 25. | 6 | Each | Microwave Radio 6 GHz MDR-8606-45-29-HS | \$ 23,934 | \$ 143,604 |
| 26. | 6 | Each | Microwave Radio 6 GHz MDR-8606-45-29-HSSD | \$ 24,451 | \$ 146,706 |
| 27. | 1 | Each | Microwave Radio 6 GHz MDR-8606-45-31-HS | \$ 26,208 | \$ 26,208 |
| 28. | 1 | Each | Microwave Radio 6 GHz MDR-8606-45-31-HSSD | \$ 26,725 | \$ 26,725 |
| 29. | 1 | Each | Microwave Radio 6 GHz MDR-8606-135-14-HS | \$ 20,810 | \$ 20,810 |
| 30. | 1 | Each | Microwave Radio 6 GHz MDR-8606-135-14-HSSD | \$ 21,466 | \$ 21,466 |
| 31. | 1 | Each | Microwave Radio 6 GHz MDR-8606-135-23-HS | \$ 23,550 | \$ 23,550 |
| 32. | 1 | Each | Microwave Radio 6 GHz MDR-8606-135-23-HSSD | \$ 23,769 | \$ 23,769 |

| ITEM | QTY. | UOM | DESCRIPTION Alcatel-Lucent, Inc Microwave Radio Equipment and Components to include the following; | UNIT COST | TOTAL EXTENDED COST |
|------|------|------|---|-----------|---------------------------|
| 33. | 2 | Each | Microwave Radio 6 GHz MDR-8606-135-29-HS | \$ 23,769 | \$ 47,538 |
| 34. | 2 | Each | Microwave Radio 6 GHz MDR-8606-135-29-HSSD | \$ 24,230 | \$ 48,460 |
| 35. | 1 | Each | Microwave Radio 6 GHz MDR-8606-135-31-HS | \$ 26,150 | \$ 26,150 |
| 36. | 1 | Each | Microwave Radio 6 GHz MDR-8606-135-31-HSSD | \$ 26,550 | \$ 26,550 |
| | | | MDR-8x10 is available in 10.550 to 10.680 GHz 4-DS1 to 16-DS1 capacities. MDR-8x10 is available in 10.700 to 11.700 GHz in DS3 capacities. | | |
| 37. | 2 | Each | Microwave Radio 10 GHz MDR-8X10-4-15-HS | \$ 16,157 | \$ 32,313 |
| 38. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-4-23-HS | \$ 19,511 | \$ 19,511 |
| 39. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-4-27-HS | \$ 21,689 | \$ 21,689 |
| 40. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-4-27-HSSD | \$ 21,983 | \$ 21,983 |
| 41. | 2 | Each | Microwave Radio 10 GHz MDR-8X10-8-15 HS | \$ 19,570 | \$ 39,140 |
| 42. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-8-15-HSSD | \$ 19,864 | \$ 19,864 |
| 43. | 2 | Each | Microwave Radio 10 GHz MDR-8X10-8-23-HS | \$ 22,925 | \$ 45,850 |
| 44. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-8-23-HSSD | \$ 23,219 | \$ 23,219 |
| 45. | 2 | Each | Microwave Radio 10 GHz MDR-8X10-8-27-HS | \$ 25,103 | \$ 50,206 |
| 46. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-8-27-HSSD | \$ 25,397 | \$ 25,397 |
| 47. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-12-23-HS | \$ 20,664 | \$ 20,664 |
| 48. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-12-27-HS | \$ 22,850 | \$ 22,850 |
| 49. | 2 | Each | Microwave Radio 10 GHz MDR-8X10-16-15-HS | \$ 20,100 | \$ 40,200 |
| 50. | 2 | Each | Microwave Radio 10 GHz MDR-8X10-16-23-HS | \$ 22,800 | \$ 45,600 |
| 51. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-16-23-HSSD | \$ 22,950 | \$ 22,950 |
| 52. | 4 | Each | Microwave Radio 10 GHz MDR-8X10-16-27-HS | \$ 24,550 | \$ 98,200 |
| 53. | 1 | Each | Microwave Radio 10 GHz MDR-8X10-16-27-HSSD | \$ 24,900 | \$ 24,900 |
| 54. | 1 | Each | Microwave Radio 10 GHz MDR-8610-45-15-HS | \$ 20,909 | \$ 20,909 |

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VENDOR: SEAMLESS MOBILITY

| ITEM | QTY. | UOM | DESCRIPTION Alcatel-Lucent, Inc Microwave Radio Equipment and Components to include the following; | UNIT COST | TOTAL EXTENDED COST |
|------|------|------|---|-----------|---------------------|
| 55. | 1 | Each | Microwave Radio 10 GHz MDR-8610-45-15-HSSD | \$ 21,426 | \$ 21,426 |
| 56. | 2 | Each | Microwave Radio 10 GHz MDR-8610-45-23-HS | \$ 23,856 | \$ 47,712 |
| 57. | 2 | Each | Microwave Radio 10 GHz MDR-8610-45-23-HSSD | \$ 24,373 | \$ 48,746 |
| 58. | 2 | Each | Microwave Radio 10 GHz MDR-8610-45-27-HS | \$ 25,768 | \$ 51,536 |
| 59. | 2 | Each | Microwave Radio 10 GHz MDR-8610-45-27-HSSD | \$ 26,285 | \$ 52,570 |
| 60. | 1 | Each | Microwave Radio 10 GHz MDR-8610-135-15-HS | \$ 21,150 | \$ 21,150 |
| 61. | 1 | Each | Microwave Radio 10 GHz MDR-8610-135-23-HS | \$ 23,850 | \$ 23,850 |
| 62. | 1 | Each | Microwave Radio 10 GHz MDR-8610-135-27-HS | \$ 25,300 | \$ 25,300 |
| 63. | 1 | Each | Microwave Radio 10 GHz MDR-8610-135-27-HSSD | \$ 26,100 | \$ 26,100 |
| 64. | 1 | Each | Microwave Radio 10 GHz MDR-8610-135-29-HSSD | \$ 27,900 | \$ 27,900 |
| 65. | 80 | Each | 694-9000-006 7' Aluminum Rack | \$ 346 | \$ 27,678 |
| 66. | 100 | Each | 3EM13317AA Fuse Panel | \$ 345 | \$ 34,495 |
| 67. | 100 | Each | 3EM03390AA Heat Deflector | \$ 38 | \$ 3,800 |
| 68. | 100 | Each | 3EM14098AA Fan Assembly without Shelf | \$ 303 | \$ 30,300 |
| 69. | 60 | Each | 967-0500-003 Lap Top Shelf, Add On | \$ 227 | \$ 13,620 |
| 70. | 80 | Each | 695-9406-03X USI Software | \$ 76 | \$ 6,080 |
| 71. | 80 | Each | 695-5647-018 ELMC Remote Provisioning Key | \$ 454 | \$ 36,320 |
| 72. | 50 | Each | 695-5647-020 Wayside DS1/ELMC Remote Provisioning Key | \$ 1,591 | \$ 79,550 |
| 73. | 2 | Each | 695-4121-041 Wayside DS1 Cable 50', Set of 2 | \$ 197 | \$ 394 |
| 74. | 20 | Each | 695-4121-042 Wayside DS1 Cable 25', Set of 2 | \$ 174 | \$ 3,480 |
| 75. | 20 | Each | 695-4121-043 Wayside DS1 Cable 15', Set of 2 | \$ 151 | \$ 3,020 |
| 76. | 70 | Each | 3EM11996AA Orderwire Handset w/DTMF | \$ 76 | \$ 5,320 |
| 77. | 70 | Each | 695-0675-003 MDR-8000 Test Lead and Tool Kit | \$ 227 | \$ 15,890 |
| 78. | 15 | Each | 3DH03219AA Relay Interface | \$ 379 | \$ 5,685 |

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| ITEM | QTY. | UOM | DESCRIPTION Alcatel-Lucent, Inc Microwave Radio Equipment and Components to include the following; | UNIT COST | TOTAL EXTENDED COST |
|------|------|------|---|-----------|---------------------|
| 79. | 15 | Each | 695-4121-001 Alarm & Control Interface Cable, 25' | \$ 83 | \$ 1,245 |
| 80. | 10 | Each | 695-4121-002 Wire wrap Adaptor for Customer Alarm Wiring | \$ 41 | \$ 410 |
| 81. | 50 | Each | 695-7848-002 User Interface Cable, 6' | \$ 38 | \$ 1,900 |
| 82. | 40 | Each | 695-7806-002 DS1 Cables, 30' (qty. two, one IN & one OUT required) | \$ 167 | \$ 6,680 |
| 83. | 40 | Each | 695-7806-001 DS1 Cables, 15' (qty. two, one IN & one OUT required) | \$ 136 | \$ 5,440 |
| 84. | 50 | Each | 695-7836-002 Repeater Interrack Data Cable, 8' (2,4,6,etc-way sites) | \$ 83 | \$ 4,150 |
| 85. | 10 | Each | 695-7836-003 Repeater Interrack Data Cable, 15' (2,4,6,etc-way sites) | \$ 102 | \$ 1,020 |
| 86. | 5 | Each | 695-7836-004 Repeater Interrack Data Cable, 25' (2,4,6,etc-way sites) | \$ 121 | \$ 605 |
| 87. | 10 | Each | 695-4126-009 MCS-11 Master to MDR-8000, Cable, 25' | \$ 121 | \$ 1,210 |
| 88. | 20 | Each | 695-7837-002 Async MCS-11 Junction Cable, 8', (3 way sites) | \$ 83 | \$ 1,660 |
| 89. | 10 | Each | 695-7837-003 Async MCS-11 Junction Cable, 15', (3 way sites) | \$ 102 | \$ 1,020 |
| 90. | 10 | Each | 695-7837-004 Async MCS-11 Junction Cable, 25', (3 way sites) | \$ 121 | \$ 1,210 |
| 91. | 10 | Each | 695-7837-022 Async MCS-11 Junction Cable, 8', (PIN to PIN) | \$ 83 | \$ 830 |
| 92. | 10 | Each | 695-7837-023 Async MCS-11 Junction Cable, 15', (PIN to PIN) | \$ 102 | \$ 1,020 |
| 93. | 10 | Each | 695-7837-024 Async MCS-11 Junction Cable, 25', (PIN to PIN) | \$ 121 | \$ 1,210 |
| 94. | 20 | Each | 695-4125-011 Async ELMC Junction Cable, 8', (3 way sites) | \$ 83 | \$ 1,660 |
| 95. | 10 | Each | 695-4125-007 Async ELMC Junction Cable, 15', (3 way sites) | \$ 121 | \$ 1,210 |
| 96. | 10 | Each | 695-4125-012 Async ELMC Junction Cable, 25', (3 way sites) | \$ 121 | \$ 1,210 |
| 97. | 20 | Each | 695-4125-022 Async RS-232 Junction Cable, 8', (3 way sites) | \$ 83 | \$ 1,660 |
| 98. | 10 | Each | 695-4125-023 Async RS-232 Junction Cable, 15', (3 way sites) | \$ 102 | \$ 1,020 |
| 99. | 10 | Each | 695-4125-024 Async RS-232 Junction Cable, 25', (3 way sites) | \$ 121 | \$ 1,210 |
| 100. | 30 | Each | 695-4125-027 Audio Junction Cable, 8', (3 way sites) | \$ 83 | \$ 2,490 |
| 101. | 20 | Each | 695-4125-028 Audio Junction Cable, 15', (3 way sites) | \$ 102 | \$ 2,040 |
| 102. | 20 | Each | 695-4125-029 Audio Junction Cable, 25', (3 way sites) | \$ 121 | \$ 2,420 |

| ITEM | QTY. | UOM | DESCRIPTION Alcatel-Lucent, Inc Microwave Radio Equipment and Components to include the following; | UNIT COST | TOTAL EXTENDED COST |
|------|------|------|---|-----------|---------------------------|
| 103. | 80 | Each | Commercial Domestic Packing, Single Rack | \$ 189 | \$ 15,120 |
| 104. | 80 | Each | 3EM11931AA MDR-8000 Equipment Manual, Set | \$ 69 | \$ 5,520 |
| | | | Frequency Sensitive Modules | | |
| | | | L6 GHz Frequency band - 5925 to 6425 MHz | | |
| 105. | 5 | Each | 3DH03218AA Power Amp L6 GHz +23 dbm | \$ 1,894 | \$ 9,470 |
| 106. | 20 | Each | 3DH03218AC Power Amp L6 GHz +29 dbm | \$ 2,272 | \$ 45,440 |
| 107. | 2 | Each | 3DH03218AE Power Amp L6 GHz +31 dbm | \$ 3,787 | \$ 7,574 |
| | | | U6 GHz Frequency band - 6525 TO 6875 MHz | | |
| 108. | 2 | Each | 3DH03218AB Power Amp U6 GHz +23 dbm | \$ 1,919 | \$ 3,838 |
| 109. | 4 | Each | 3DH03218AD Power Amp U6 GHz +29 dbm | \$ 2,272 | \$ 9,088 |
| 110. | 2 | Each | 3DH03218AF Power Amp U 6 GHz +31 dbm | \$ 3,787 | \$ 7,574 |
| | | | 10.550 TO 11.700 GHZ Frequency Band, Covered in Three Sub Bands | | |
| 111. | 2 | Each | 3DH04136AD Power Amp 10 GHz +23 dbm, 10.550 TO 10.700 GHZ | \$ 2,159 | \$ 4,318 |
| 112. | 2 | Each | 3DH04136AE Power Amp 10 GHz +23 dbm, 10.700 TO 11.200 GHZ | \$ 2,159 | \$ 4,318 |
| 113. | 2 | Each | 3DG04136AF Power Amp 10 GHz +23 dbm, 11.200 TO 11.700 GHZ | \$ 2,159 | \$ 4,318 |
| 114. | 4 | Each | 3DH04136AA Power Amp 10 GHz +27 dbm, 10.550 TO 10.700 GHZ | \$ 3,409 | \$ 13,636 |
| 115. | 4 | Each | 3DH04136AB Power Amp 10 GHz +27 dbm, 10.700 TO 11.200 GHZ | \$ 3,409 | \$ 13,636 |
| 116. | 4 | Each | 3DG04136AC Power Amp 10 GHz +27 dbm, 11.200 TO 11.700 GHZ | \$ 3,409 | \$ 13,636 |
| | | | Transmitter, Receiver And Oscillator Modules, DS 1/DS3/OC3 | | |
| 117. | 8 | Each | 3DH03236AF Transmitter Module, 5.725 to 6.425 GHz, Unlicensed band Covered | \$ 2,083 | \$ 16,664 |
| 118. | 15 | Each | 3DH03137AH Transmitter Module, 6.525 to 6.875 GHz | \$ 2,083 | \$ 31,245 |
| 119. | 10 | Each | 3DH03228AG Transmitter Module 10.000 to 10.700 GHz | \$ 2,272 | \$ 22,720 |
| 120. | 4 | Each | 3DH03228AH Transmitter Module 10.700 to 11.200 GHz | \$ 2,272 | \$ 9,088 |
| 121. | 1 | Each | 3DH03228AJ Transmitter Module 11.200 to 11.7 GHz | \$ 2,272 | \$ 2,272 |

| ITEM | QTY. | UOM | DESCRIPTION Alcatel-Lucent, Inc Microwave Radio Equipment and Components to include the following; | UNIT COST | TOTAL EXTENDED COST |
|------|------|------|---|-----------|---------------------------|
| 122. | 10 | Each | 3DH03239AM Receiver Module 5.725 to 6.425 GHz | \$ 2,272 | \$ 22,720 |
| 123. | 15 | Each | 3DH03132AQ Receive Module 6,525 to 6.875 GHz | \$ 2,272 | \$ 34,080 |
| 124. | 10 | Each | 3DH03231AN Receive Module 10.000 to 10.700 GHz | \$ 2,462 | \$ 24,620 |
| 125. | 2 | Each | 3DH-03231AP Receive Module 10.700 to 11.2 GHz | \$ 2,462 | \$ 4,924 |
| 126. | 1 | Each | 3DH03231AQ Receive Module 11.200 to 11.700 GHz | \$ 2,462 | \$ 2,462 |
| 127. | 10 | Each | 3DH04123AL Oscillator Module, 5.925 to 6.425 GHz | \$ 114 | \$ 1,140 |
| 128. | 10 | Each | 3DH04123AM Oscillator Module, 5.925 to 6.425 GHz | \$ 114 | \$ 1,140 |
| 129. | 10 | Each | 3DH04123AG Oscillator Module, 6.425 to 6.762 GHz | \$ 114 | \$ 1,140 |
| 130. | 20 | Each | 3DH04123AH Oscillator Module, 6.762 to 7.125 GHz | \$ 114 | \$ 2,280 |
| 131. | 10 | Each | 3DH04123AM Oscillator Module, 10.550 to 10.680 GHz | \$ 114 | \$ 1,140 |
| 132. | 5 | Each | 3DH04123AN Oscillator Module, 10.700 to 11.200 GHz | \$ 114 | \$ 570 |
| 133. | 2 | Each | 3DH04123AP Oscillator Module, 11.200 to 11.700 GHz | \$ 114 | \$ 228 |
| | | | Non Frequency Sensitive Modules | | |
| | | | Capacity Key, qty 1 Required per TX and qty 1 per RCV (xx= 06 or 10) | | |
| 134. | 10 | Each | 3DH03155AB Controller | \$ 1,136 | \$ 11,360 |
| 135. | 25 | Each | 3DH03164AB Power Supply | \$ 1,136 | \$ 28,400 |
| 136. | 10 | Each | 3DH03131AA I/O Interface, DS1 | \$ 1,136 | \$ 11,360 |
| 137. | 4 | Each | 3DH03169AM I/O Interface, 45/135 MB/s | \$ 1,515 | \$ 6,060 |
| 138. | 10 | Each | 967-1609-002 Capacity Key, 4-DS1 32 TCM (MDR-85xx Radio) | \$ 644 | \$ 6,440 |
| 139. | 10 | Each | 967-1609-003 Capacity Key, 8-DS1 32 TCM (MDR-85xx Radio) | \$ 1,742 | \$ 17,420 |
| 140. | 6 | Each | 967-1609-007 Capacity Key, 4-DS1 128 TCM (MDR-87xx Radio) | \$ 644 | \$ 3,864 |
| 141. | 10 | Each | 967-1609-008 Capacity Key, 8-DS1 128 TCM (MDR-87xx Radio) | \$ 1,742 | \$ 17,420 |
| 142. | 4 | Each | 967-1609-009 Capacity Key, 12-DS1 128 TCM (MDR-87xx Radio) | \$ 2,500 | \$ 10,000 |
| 143. | 10 | Each | 967-1609-010 Capacity Key, 16-DS1 128 TCM (MDR-87xx Radio) | \$ 3,106 | \$ 31,060 |

| ITEM | QTY. | UOM | DESCRIPTION Alcatel-Lucent, Inc Microwave Radio Equipment and Components to include the following; | UNIT COST | TOTAL EXTENDED COST |
|------|------|------|---|-----------|---------------------|
| 144. | 10 | Each | 3EM01583AA Capacity Key, 1-DS3 64 QAM (MDR-86xx-45 Radio) | \$ 2,481 | \$ 24,810 |
| 145. | 10 | Each | 3EM01583AB Capacity Key, 3-DS3 64 QAM (MDR-86xx-135 Radio) | \$ 3,239 | \$ 32,390 |
| | | | Capacity Upgrade Per Hot-standby Terminal - Requires set of Four Capacity Keys | | |
| 146. | 4 | Each | Capacity Key Capacity Key Set for Hot-standby Terminal 2-DS1 to 4-DS1 | \$ 2,121 | \$ 8,484 |
| 147. | 20 | Each | Capacity Key Capacity Key Set for Hot-standby Terminal 4-DS1 to 8-DS1 | \$ 4,393 | \$ 87,860 |
| 148. | 10 | Each | Capacity Key Capacity Key Set for Hot-standby Terminal 8-DS1 to 16-DS1 | \$ 3,030 | \$ 30,300 |
| | | | Radio WG Interfaces | | |
| 149. | 4 | Each | 967-1665-002 A2 Position (Top) WG Kit, No Diversity | \$ 303 | \$ 1,212 |
| 150. | 4 | Each | 967-1665-003 Add-on Kit for A2 Position Space Diversity | \$ 265 | \$ 1,060 |
| 151. | 6 | Each | 967-1665-004 A5 Position (2nd) WG Kit, No Diversity | \$ 379 | \$ 2,274 |
| 152. | 6 | Each | 967-1665-005 Add-on Kit for A5 Position Space Diversity | \$ 303 | \$ 1,818 |
| 153. | 8 | Each | 967-1665-006 A8 Position (3rd) WG Kit for Non Diversity | \$ 461 | \$ 3,688 |
| 154. | 8 | Each | 967-1665-007 Add-on Kit for A8 Position Space Diversity | \$ 346 | \$ 2,768 |
| 155. | 30 | Each | 3DH04122HA Waveguide Flange Adapter, CMR-137 to CPR-137 | \$ 192 | \$ 5,760 |
| 156. | 10 | Each | 3DH04122HN Waveguide Flange Adapter, WR90 to CPR90 | \$ 192 | \$ 1,920 |
| | | | MCS-11 Network Management Related Equipment | | |
| 157. | 1 | Each | 3EM18968BQ, Type 2701, MCS-1/IP Tunnel, 1 Port | \$ 4,094 | \$ 4,094 |
| 158. | 1 | Each | 3EM18968BR, Type 2705, MCS-1/IP Tunnel, 5 Port | \$ 4,913 | \$ 4,913 |
| 159. | 1 | Each | 3EM18968BB, TYPE 2310 Alarm Encoders, MCS-11 | \$ 4,094 | \$ 4,094 |
| 160. | 1 | Each | 3EM18968BC, TYPE 2310A Alarm Encoders, MCS-11 w/Analog Voltage Reporting | \$ 5,118 | \$ 5,118 |
| 161. | 1 | Each | 3EM18968BZ, Type 5120, MCS-11 Test Set , USB, WIN 2000/XP | \$ 4,709 | \$ 4,709 |
| 162. | 1 | Each | 3EM18968AV, Type 2110C, MCS-11 Packet Bridge, 5-Port | \$ 4,299 | \$ 4,299 |
| 163. | 1 | Each | 3EM18968AW, Type 2120, MCS-11 Packet Bridge, 2-Port | \$ 3,276 | \$ 3,276 |
| 164. | 1 | Each | 3EM18968AY, Type 2130 ELMC/Versa Bridge | \$ 4,094 | \$ 4,094 |

| ITEM | QTY. | UOM | DESCRIPTION Alcatel-Lucent, Inc Microwave Radio Equipment and Components to include the following; | UNIT COST | TOTAL EXTENDED COST |
|------|------|------|---|------------|---------------------|
| 165. | 1 | Each | 3EM18968BP Type 2610 Cooperative Polling Engine | \$ 4,094 | \$ 4,094 |
| | | | Ethernet Radios require 128 TCM Capacity Keys | | |
| 166. | 2 | Each | Ethernet Radio MDR-8706E-50-29-HS | \$1 23,367 | \$ 46,734 |
| 167. | 2 | Each | Ethernet Radio MDR-8710E-150-29-HS | \$ 26,500 | \$ 53,000 |
| | | | Total Bid Price | \$ | 3,728,885 |

Energy Star

“ENERGY STAR® is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency.” <http://www.energystar.gov/>

| | | | |
|---|-----|----|---|
| Do the products offered meet Energy Star specifications for energy efficiency? | Yes | No | X |
|---|-----|----|---|

Sustainability

In an effort to support the sustainability efforts of the State of North Carolina Executive Order Number 156, we solicit your cooperation. <http://www.p2pays.org/ref/03/02221.pdf>

Does the packaging of the item(s) offered in response to this solicitation contain recycled content? Yes No
 If yes, what is the recycled content? 75 % Can this packaging be recycled? Yes No
 Do the item(s) offered have any recycled content? Yes No
 If yes, what is the recycled content? 25 %
 How can the items be disposed of or can it be recycled at the end of use?
RECYCLE ELECTRONIC BOARDS

Historically Underutilized Businesses

“Historically Underutilized Businesses (HUBs) consist of minority, women and disabled business firms that are at least fifty-one percent owned and operated by an individual(s) of the aforementioned categories. Also included in this category are disabled business enterprises and non-profit work centers for the blind and severely disabled.” <http://www.doa.nc.gov/hub/>

Pursuant to General Statute 143-48, 143-128.4 and Executive Order #13, the State invites and encourages participation in this procurement process by businesses owned by minorities, women, disabled, disabled business enterprises and non-profit work centers for the blind and severely disabled. This includes utilizing subcontractors to perform the required functions in this Invitation for Bids.

Are you a Historically Underutilized Business (i.e., minority, woman or disabled-owned business)?

Yes No

If applicable, specify classification. _____