INVITATION TO BID NO: 10-X-2218645

STATE OF ALABAMA

DEPTARTMENT OF FINANCE
DIVISION OF PURCHASING

INVITATION TO BID

REQ. AGENCY	: 999999 PURCHASING DIVISION
AGENCY REQ. NO.	: AG
T-NUMBER	: T166
DATE ISSUED	: 05/03/10
VENDOR NO.	:
VENDOR PHONE NO.	:
SNAP REQ. NO.	: 1440331
BUYER NAME	: PAT ANTLE
BUYER PHONE NO.	: (334) 242-7253-
PURCHASING PHONE NO	: (334) 242-7250

FOR: MOBILE COMMUNICATIONS TOWER SYSTEM

BID MUST BE RECEIVED BEFORE:
DATE: 06/14/10 TIME: 5:00 PM

BIDS WILL BE PUBLICLY OPENED:
DATE: 06/15/10 TIME: 10:00 AM

TO BE COMPLETED BY VENDOR

INFORMATION IN THIS SECTION SHOULD BE PROVIDED, AS APPROPRIATE. BID RESPONSE MUST BE IN INK OR TYPED WITH ORIGINAL SIGNATURE AND NOTARIZATION.

1. DELIVERY: CAN BE MADE _____ DAYS OR _____ WEEKS AFTER RECEIPT OF ORDER

2. TERMS: _____(DISCOUNTS ARE TAKEN WITHOUT REGARD TO DATE OF PAYMENT.)

3. PRICE VALID FOR ACCEPTANCE WITHIN _____ DAYS.

4. VENDOR QUOTATION REFERENCE NUMBER, IF ANY: _____
(THIS NUMBER WILL APPEAR ON THE PURCHASE ORDER.)

5. E-MAIL ADDRESS: _____

INTERNET WEBSITE: _____

6. GENERAL CONTRACTOR'S LICENSE NO: _____

TYPE OF G.C. LICENSE: _____

***** IMPORTANT NOTE: *****
BIDDERS MUST COMPLY WITH ALL "BID RESPONSE INSTRUCTIONS" ON PAGE 2, TO INCLUDE ITEM 7 - COPY REQUIREMENT.

RETURN INVITATION TO BID:

US MAIL	COURIER
STATE OF ALABAMA DEPARTMENT OF FINANCE DIVISION OF PURCHASING P O BOX 302620 MONTGOMERY, AL 36130-2620	STATE OF ALABAMA DIVISION OF PURCHASING RSA UNION BUILDING 100 N. UNION ST., SUITE 192 MONTGOMERY, AL 36104

SIGNATURE AND NOTARIZATION REQUIRED

I HAVE READ THE ENTIRE BID AND AGREE TO FURNISH EACH ITEM OFFERED AT THE PRICE QUOTED. I HERBY AFFIRM I HAVE NOT BEEN IN ANY AGREEMENT OR COLLUSION AMONG BIDDERS IN RESTRAINT OF FREEDOM OF COMPETITION BY AGREEMENT TO BID AT A FIXED PRICE OR TO REFRAIN FROM BIDDING.

SWORN TO AND

SUBSCRIBED BEFORE ME THIS

_____ DAY OF _____

_____
NOTARY PUBLIC

TERM EXP: _____

_____ FEIN OR SSN	_____ AUTHORIZED SIGNATURE (INK)
_____ COMPANY NAME	_____ TYPE/PRINT AUTHORIZED NAME
_____ MAIL ADDRESS	_____ TITLE
_____ CITY, STATE, ZIP	_____ TOLL FREE NUMBER
_____ PHONE INCLUDING AREA CODE	_____ FAX NUMBER

STANDARD TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER: -
ITB NO. : 10-X-2218645 PAGE 2
INVITATION TO BID
OPEN DATE : 06/15/10 TIME: 10:00 AM
T-NUMBER : T166
RETURN DATE: 06/14/10 TIME: 5:00 PM

AUTHORITY:
THE DEPARTMENT OF FINANCE CODE OF ADMINISTRATIVE PROCEDURE, CHAPTER 355-4-1 EFFECTIVE DECEMBER 20, 2001 IS INCORPORATED BY REFERENCE AND MADE A PART OF T HIS DOCUMENT. TO RECEIVE A COPY CALL (334)242-7250, OR OUR WEBSITE WWW.PURCHASING.ALABAMA.GOV .

INFORMATION AND ASSISTANCE TO MINORITY AND WOMEN-OWNED BUSINESSES IN ACQUIRING M/WBE CERTIFICATION MAY BE OBTAINED FROM THE OFFICE OF MINORITY BUSINESS ENTERPRISE, 1-800-447-4191.

BID (ITB) RESPONSE INSTRUCTIONS REV: 01/14/10

1. TO SUBMIT A RESPONSIVE BID, READ THESE INSTRUCTIONS, ALL TERMS, CONDITIONS AND SPECIFICATIONS.

2. BID ENVELOPES/PACKAGES/BOXES MUST BE IDENTIFIED ON FRONT, PREFERABLY LOWER LEFT CORNER AND BE VISIBLE WITH THE BID NUMBER AND OPENING DATE. EACH INDIVIDUAL BID (IDENTIFIED BY A UNIQUE BID NUMBER) MUST BE SUBMITTED IN A SEPARATE ENVELOPE. RESPONSES TO MULTIPLE BID NUMBERS SUBMITTED IN THE SAME ENVELOPE/COURIER PACKAGE, THAT ARE NOT IN SEPARATE ENVELOPES PROPERLY IDENTIFIED, WILL BE REJECTED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR LATE BIDS FOR ANY REASON INCLUDING THOSE DUE TO POSTAL, OR COURIER SERVICE. BID RESPONSES MUST BE IN THE DIVISION OF PURCHASING OFFICE PRIOR TO THE "RECEIVE DATE AND TIME" INDICATED ON THE BID.

3. BID RESPONSES (PAGE 1, PRICE SHEET AND ADDENDUMS (WHEN SIGNATURE IS REQUIRED)) MUST BE IN INK OR TYPED ON THIS DOCUMENT. OR EXACT FORMAT WITH SIGNATURES BEING HANDWRITTEN ORIGINALS IN INK (PERSON SIGNING BID, NOTARY, AND NOTARY EXPIRATION), OR THE BID WILL BE REJECTED. UNLESS INDICATED IN THE BID, ALL PRICE PAGES MUST BE COMPLETED AND RETURNED. IF AN ITEM IS NOT BEING BID, IDENTIFY IT AS NB (NO-BID). PAGES SHOULD BE SECURED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR MISSING PAGES. FAXED BID RESPONSES WILL NOT BE ACCEPTED.

4. THE UNIT PRICE ALWAYS GOVERNS REGARDLESS OF THE EXTENDED AMOUNT. A UNIT PRICE CHANGE ON A LINE MUST BE INITIALED BY THE PERSON SIGNING THE BID, OR THAT LINE WILL BE REJECTED. THIS INCLUDES A CROSS-OUT, STRIKE-OVER, INK-OVER, WHITE-OUT, ERASURE, OR ANY OTHER METHOD CHANGING THE PRICE.

5. A "NO BID" MUST BE RETURNED TO REMAIN ON A CLASS/SUBCLASS. RETURN PAGE 1 OR NOTIFICATION PAGE MARKED "NO-BID". IDENTIFY IT ON THE ENVELOPE AS A "NO-BID". FAILING TO RESPOND TO 3 ITB'S WITHIN THE SAME CLASS/SUBCLASS WILL AUTOMATICALLY PURGE THE VENDOR FROM THAT CLASS/SUBCLASS. RESPONDING WITH 6 "NO-BIDS" WITHIN THE SAME CLASS/SUBCLASS WILL AUTOMATICALLY PURGE THE VENDOR FROM THAT CLASS/SUBCLASS. A "NO-BID" RECEIVED LATE IS CONSIDERED A NO RESPONSE.

6. THE DIVISION OF PURCHASING IS NOT RESPONSIBLE FOR MISINTERPRETATION OF DATA FAXED FROM THIS OFFICE.

7. THE DIVISION OF PURCHASING REQUIRES AN ORIGINAL AND A MINIMUM OF ONE COMPLETE EXACT COPY (TO INCLUDE SIGNATURE AND NOTARY) OF THE INVITATION-TO-BID RESPONSE. THE ORIGINAL AND THE COPY SHOULD BE SUBMITTED TOGETHER AS A BID PACKAGE. FAILURE TO MARK RESPONSES AS "ORIGINAL" AND/OR "COPY" COULD RESULT IN THE ENTIRE BID RESPONSE BEING REJECTED.

8. AN IMPROPERLY SUBMITTED BID, LATE BID, OR BID THAT IS CANCELLED ON OR BEFORE THE OPENING DATE WILL BE HELD FOR 90 DAYS AND THEN DESTROYED. THE BID MUST BE RETRIEVED DURING REGULAR WORK HOURS, MONDAY - FRIDAY, EXCEPT STATE HOLIDAYS. AFTER THE BID IS DESTROYED, THE DIVISION OF PURCHASING ASSUMES NO RESPONSIBILITY FOR THE DOCUMENT.

DISQUALIFIED/CANCELLED BID

BIDS THAT ARE IMPROPERLY SUBMITTED OR RECEIVED LATE WILL BE A RESPONSE FOR RECORD, BUT WILL NOT BE RETURNED OR A NOTIFICATION MAILED.

THE FOLLOWING IS A PARTIAL LIST WHEREBY A BID RESPONSE WILL BE DISQUALIFIED:

BID NUMBER NOT ON FACE OF ENVELOPE/COURIER PACKAGE/BOX
RESPONSES TO MULTIPLE BID NUMBERS IN SAME ENVELOPE NOT PROPERLY IDENTIFIED
BID RECEIVED LATE
BID NOT SIGNED/NOT ORIGINAL SIGNATURE
BID NOT NOTARIZED/NOT ORIGINAL SIGNATURE OF NOTARY AND/OR NO NOTARY EXPIRATION
NOTARIZED OWN SIGNATURE
REQUIRED INFORMATION NOT SUBMITTED WITH BID
FAILURE TO SUBMIT THE ORIGINAL BID AND A COMPLETE EXACT COPY

CERTIFICATION PURSUANT TO ACT NO. 2006-557

ALABAMA LAW (SECTION 41-4-116,CODE OF ALABAMA 1975) PROVIDES THAT EVERY BID SUBMITTED AND CONTRACT EXECUTED SHALL CONTAIN A CERTIFICATION THAT THE VENDOR, CONTRACTOR, AND ALL OF ITS AFFILIATES THAT MAKE SALES FOR DELIVERY INTO ALABAMA OR LEASES FOR USE IN ALABAMA ARE REGISTERED, COLLECTING, AND REMITTING ALABAMA STATE AND LOCAL SALES, USE, AND/OR LEASE TAX ON ALL TAXABLE SALES AND LEASES INTO ALABAMA. BY SUBMITTING THIS BID, THE BIDDER IS HEARBY CERTIFYING THAT THEY ARE IN FULL COMPLIANCE WITH ACT NO. 2006-557, THEY ARE NOT BARRED FROM BIDDING OR ENTERING INTO A CONTRACT PURSUANT TO 41-4-116, AND ACKNOWLEDGES THAT THE AWARDING AUTHORITY MAY DECLARE THE CONTRACT VOID IF THE CERTIFICATION IS FALSE.

INTENT TO AWARD

EFFECTIVE MAY 1, 2008, THE STATE OF ALABAMA - DIVISION OF PURCHASING WILL ISSUE AN 'INTENT TO AWARD' BEFORE A FINAL AWARD IS MADE. THE 'INTENT TO AWARD' WILL CONTINUE FOR A PERIOD OF FIVE (5) CALENDAR DAYS, AFTER WHICH A PURCHASE ORDER WILL BE PRODUCED. UPON FINAL AWARD, ALL RIGHTS TO PROTEST ARE FORFEITED. A DETAILED EXPLANATION OF THIS PROCESS MAY BE REVIEWED IN THE ALABAMA ADMINISTRATIVE CODE - CHAPTER 355-4-1(14).

ALTERNATE BID RESPONSE

UNLESS STATED ELSEWHERE IN THIS INVITATION-TO-BID (ITB) THE STATE OF ALABAMA WILL ACCEPT AND EVALUATE ALTERNATE BID SUBMITTALS ON ANY ITB'S. ALTERNATE BID RESPONSES WILL BE EVALUATED ACCORDING TO THE REQUIREMENTS AS ALL OTHER RESPONSES TO THIS ITB.

INTERNET WEBSITE LINK'S

INTERNET AND/OR WEBSITE LINKS WILL NOT BE ACCEPTED IN BID RESPONSES AS A MEANS TO SUPPLY ANY REQUIREMENTS STATED IN THIS ITB (INVITATION-TO-BID).

PRODUCT DELIVERY, RECEIVING AND ACCEPTANCE

IN ACCORDANCE WITH THE UNIVERSAL COMMERCE CODE (CODE OF ALABAMA, TITLE 7), AFTER DELIVERY, THE STATE OF ALABAMA HAS THE RIGHT TO INSPECT ALL PRODUCTS BEFORE ACCEPTING. THE STATE WILL INSPECT PRODUCTS IN A REASONABLE TIMEFRAME. SIGNATURE ON A DELIVERY DOCUMENT DOES NOT CONSTITUTE ACCEPTANCE BY THE STATE. THE STATE WILL ACCEPT PRODUCTS ONLY AFTER SATISFACTORY INSPECTION.

SALES TAX EXEMPTION

PURSUANT TO THE CODE OF ALABAMA, 1975, TITLE 40-23-4 (A) (11), THE STATE OF ALABAMA IS EXEMPT FROM PAYING SALES TAX. AN EXEMPTION LETTER WILL BE FURNISHED UPON REQUEST.

INVOICES

INQUIRIES CONCERNING PAYMENT AFTER INVOICES HAVE BEEN SUBMITTED ARE TO BE DIRECTED TO THE RECEIVING AGENCY, NOT THE DIVISION OF PURCHASING

BID RESPONSES AND BID RESULTS

UNEVALUATED BID RESPONSES (NOT BID RESULTS) ARE AVAILABLE ON OUR WEB SITE AT WWW.PURCHASING.ALABAMA.GOV. BID RESULTS WILL BE MADE AVAILABLE FOR REVIEW IN THE DIVISION OF PURCHASING OFFICE, BUT ONLY AFTER THE BID HAS BEEN AWARDED. WE DO NOT FAX OR MAIL COPIES OF BID RESULTS. IF A VENDOR WISHES TO REVIEW BID RESULTS IN OUR OFFICE, THEY SHOULD FAX THEIR REQUEST TO REVIEW THE BID TWO DAYS IN ADVANCE TO THE "BID REVIEW CLERK" AT (334) 242-4419. BE SURE TO REFERENCE THE BID NUMBER.

FOREIGN CORPORATION - CERTIFICATE OF AUTHORITY

ALABAMA LAW PROVIDES THAT A FOREIGN CORPORATION (AN OUT-OF-STATE COMPANY/FIRM) MAY NOT TRANSACT BUSINESS IN THE STATE OF ALABAMA UNTIL IT OBTAINS A CERTIFICATE OF AUTHORITY FROM THE SECRETARY OF STATE. SECTION 10-2B-15.01, CODE OF ALABAMA 1975. TO OBTAIN FORMS FOR A CERTIFICATE OF AUTHORITY, CONTACT THE SECRETARY OF STATE, CORPORATIONS DIVISION, (334) 242-5324. THE CERTIFICATE OF AUTHORITY DOES NOT KEEP THE VENDOR FROM SUBMITTING A BID.

BID IDENTIFICATION

REFERENCE PAGE 2, ITEM 2. DUE TO THE POSTAL SERVICE PUTTING BAR CODE LABELS ON ENVELOPES, IT CONCEALS THE BID NUMBER AND DATE IF THE VENDOR HAS WRITTEN THEM OTHER THAN THE LOWER LEFT CORNER, THEREFORE THE BID WOULD BE REJECTED FOR NOT BEING PROPERLY IDENTIFIED.

PURPOSE:
ESTABLISH A CONTRACT FOR A MOBILE TOWER SYSTEM (MOTS) FOR ALL STATE AGENCIES. CONTRACT PRICES ARE AVAILABLE TO ALL LOCAL GOVERNMENTAL AGENCIES AND SCHOOLS.

THE MOTS IS A HIGHLY MOBILE TACTICAL SYSTEM DESIGNED TO RAPIDLY SET UP AND QUICKLY ESTABLISH PUBLIC SAFETY COMMUNICATION SERVICES DURING THE INITIAL PHASES OF DEPLOYMENT, AND SUSTAIN THOSE SERVICES THROUGHOUT OPERATIONS AND REDEPLOYMENT. THE SERVICES PROVIDED INCLUDE: VHF, UHF AND 700-800 MHZ REPEATER COVERAGE TO THE IMMEDIATE AREA; SUBSTITUTE FOR FAILED OR DAMAGED COMMUNICATION INFRASTRUCTURE DURING OR AFTER A DISASTER; COORDINATION OF PUBLIC SAFETY ENTITIES AS NEEDED; AND PROVIDING COMMUNICATION ASSETS DURING LARGE SCALE EVENTS AND/OR VENUES WHERE THE PUBLIC'S SAFETY IS A CONCERN. THE COMMUNICATION EQUIPMENT SHALL BE PURCHASED SEPARATELY FROM EXISTING STATE CONTRACTS AND INSTALLED SEPARATELY. THE MOTS WILL ALSO BE TASKED WITH THE RAPID RESTORATION OF BASIC COMMUNICATION OPERATIONS DURING MISSIONS SUCH AS DISASTER RESPONSE OR OTHER EMERGENCY AND/OR NON-EMERGENCY OPERATIONS.

AWARD:
AWARD WILL BE MADE "ALL OR NONE" TO THE LOWEST RESPONSIBLE BIDDER MEETING ALL SPECIFICATIONS.

DELIVERY TIME FRAME:
ALL ITEMS ORDERED MUST BE DELIVERED TO THE "SHIP TO" ADDRESS SHOWN ON THE P.O. WITHIN NINETY (90) DAYS OF VENDOR'S RECEIPT OF ORDER.

DELIVERY:
ITEMS ARE TO BE DELIVERED TO VARIOUS LOCATIONS THROUGHOUT THE 67 COUNTIES IN ALABAMA. THE EXACT LOCATIONS AND QUANTITIES WILL BE PROVIDED BY THE ORDERING AGENCY.

F.O.B. DESTINATION:
F.O.B. DESTINATION IS THE LOCATION WHERE MERCHANDISE IS DELIVERED AND UNLOADED ON A RECEIVING DOCK, IF AVAILABLE, TO ANY STATE OR LOCAL GOVERNMENT AGENCY AND THE CHANGE OF TITLE TAKES PLACE. THE VENDOR IS LIABLE FOR FREIGHT CHARGES, RISK OF LOSS OR DAMAGE TO THE MERCHANDISE UP TO THE DESTINATION.

CONTRACT PERIOD:
ESTABLISH A 12 MONTH CONTRACT WITH AN OPTION TO EXTEND FOR A SECOND, THIRD, AND FOURTH 12 MONTH PERIOD WITH THE SAME PRICING, TERMS AND CONDITIONS. THE SECOND, THIRD, OR FOURTH 12 MONTH PERIOD, IF AGREED BY BOTH PARTIES, WOULD BEGIN THE DAY AFTER THE FIRST, SECOND, OR THIRD 12 MONTH PERIOD EXPIRES. ANY SUCCESSIVE EXTENSION MUST HAVE WRITTEN APPROVAL OF BOTH THE STATE AND VENDOR NO LATER THAN 30 DAYS PRIOR TO EXPIRATION OF THE PREVIOUS 12 MONTH PERIOD.

** VENDOR TAKE NOTICE: THE FIRST YEAR OF THE RESULTING CONTRACT WILL EXPIRE ON MARCH 31, 2011 TO COINCIDE WITH THE EXISTING CONTRACT, REGARDLESS OF THE AWARD DATE.

NON-APPROPRIATION OF FUNDS:
CONTINUATION OF ANY AGREEMENT BETWEEN THE STATE AND A BIDDER BEYOND A FISCAL YEAR IS CONTINGENT UPON CONTINUED LEGISLATIVE APPROPRIATION OF FUNDS FOR THE PURPOSE OF THIS BID AND ANY RESULTING AGREEMENT. NON-AVAILABILITY OF FUNDS AT ANY TIME SHALL CAUSE ANY AGREEMENT TO BECOME VOID AND UNENFORCEABLE AND NO LIQUIDATED DAMAGES SHALL ACCRUE TO THE STATE AS A RESULT. THE STATE WILL NOT INCUR LIABILITY BEYOND THE PAYMENT OF ACCRUED AGREEMENT PAYMENT.

PRORATION:
ANY PROVISION OF A CONTRACT RESULTING FROM THIS BID TO THE CONTRARY NOTWITHSTANDING, IN THE EVENT OF FAILURE OF THE STATE TO MAKE PAYMENT HEREUNDER AS A RESULT OF PARTIAL UNAVAILABILITY, AT THE TIME SUCH

PAYMENT IS DUE, OF SUCH SUFFICIENT REVENUES OF THE STATE TO MAKE SUCH PAYMENT (PRORATION OF APPROPRIATED FUNDS FOR THE STATE HAVING BEEN DECLARED BY THE GOVERNOR PURSUANT TO SECTION 41-4-90 OF THE CODE OF ALABAMA 1975), THE CONTRACTOR SHALL HAVE THE OPTION, IN ADDITION TO THE OTHER REMEDIES OF THE CONTRACT, OF RENEGOTIATING THE CONTRACT (EXTENDING OR CHANGING PAYMENT TERMS OR AMOUNTS) OR TERMINATING THE CONTRACT.

QUALITY OF MATERIALS AND LABOR:
MATERIALS USED THAT ARE NOT OTHERWISE SPECIFIED SHALL BE THE KIND AND QUALITY CONSISTENT WITH THE TRADE PRACTICE FOR SUCH WORK AND SHALL COMPLY WITH ALL LOCAL CODES. ALL LABOR SHALL BE WELL EXPERIENCED IN THIS TYPE WORK AND IT SHALL BE COMPLETED IN A PROFESSIONAL MANNER.

NEW EQUIPMENT:
ALL EQUIPMENT MUST BE NEW AND UNUSED AND ACCEPTABLE BY THE ORIGINAL EQUIPMENT MANUFACTURER FOR THEIR MAINTENANCE.

MATERIALS, SUPPLIES OR EQUIPMENT:
ALL MATERIALS, SUPPLIES OR EQUIPMENT BEING BID AND DELIVERED TO THE STATE SHALL BE NEW, UNUSED, OF RECENT MANUFACTURE, FIRST CLASS IN EVERY RESPECT, AND SUITABLE FOR THEIR INTENDED PURPOSE.

REQUESTED INFORMATION:
ANY ADDITIONAL INFORMATION REQUESTED FROM A VENDOR MUST BE FURNISHED WITHIN TEN (10) DAYS FROM RECEIPT OF REQUEST.

EQUIPMENT TESTING:
PRIOR TO AWARD, THE STATE MAY BENCHMARK THE EQUIPMENT BEING BID. ANY REQUESTED BENCHMARK WILL BE AT NO COST TO THE STATE. THE VENDOR HAS TEN (10) STATE BUSINESS DAYS FROM THE DATE OF THE REQUEST TO FURNISH THE EQUIPMENT. INSTALLATION WILL BE AT A SITE DESIGNATED BY THE STATE AND WILL BE OPERATIONAL FOR A MINIMUM OF 2 WEEKS DURING THIS PERIOD, A REPRESENTATIVE MUST BE AVAILABLE TO ANSWER ANY QUESTIONS REGARDING THE OPERATION OF THE EQUIPMENT.

PRICE SHEET

INVITATION TO BID

VENDOR NAME :

VENDOR NUMBER: -
ITB NO. : 10-X-2218645
OPEN DATE : 06/15/10 TIME: 10:00 AM
T-NUMBER : T166
RETURN DATE: 06/14/10 TIME: 5:00 PM

LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
	UNLESS SPECIFIED OTHERWISE BELOW: SHIP TO: R1 / STATEWIDE				
00001	COMMODITY CODE: 725-61-091804 TOWER, COMMUNICATIONS, MOBILE, 50 FT., IN ACCORDANCE WITH ALL SPECIFICATIONS, TERMS AND CONDITIONS SET FORTH IN STATE- WIDE CONTRACT T166 !!!!!!!! VENDORS TAKE NOTICE !!!!!!!!!! STATE PURCHASING REQUIRES AN ORIGINAL BID AND ONE EXACT COPY OF THE BID TO INCLUDE ANY ATTACHMENTS. FAILURE TO DO SO AS SPECIFIED ON PAGE TWO (2) OF THIS INVITATION TO BID WILL RESULT IN THE REJECTION OF YOUR BID. !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	EA	_____	_____

PAGE TOTAL _____

BID TOTAL _____

Specifications for 50" Portable tower

10-X-2218645

1.0 SCOPE

1.1 Identification.

This specification establishes the performance requirements for a 50' Mobile Tower.

1.2 System Description.

This system is an mobile tactical systems designed to rapidly set-up and quickly establish public safety communication services during the initial phases of deployment, and sustain those services throughout operations and redeployment. The services provided include: substitute for failed or damaged communication infrastructure during or after a disaster and providing communication assets during large scale events and/or venues where the public safety is a concern. This system will provide rapid restoration of basic communication operations during missions such as disaster response or other emergency and/or non-emergency operations.

2.0 General

2.1 Vendor Requirements.

2.1.1 It is the intention of these specifications to obtain standard, commercially readily available, equipment of a manufacturer regularly engaged in the design, manufacture and supply of this type of equipment, and who is experienced in its installation and use in a Public Safety agency, and further, who is knowledgeable with, and can comply with, all federal, state, local laws and codes governing this equipment.

2.1.2 Reliability, Maintainability, and Survivability are considered to be key requirements of this mobile antenna tower system. Hence, any system, system component, or part, which is custom, one of a kind or otherwise not readily available, is not acceptable. Further, any system, system component, or part, which is a prototype, new design, or other, which has not demonstrated reliable, dependable, and successful use in the field for at least three (3) years is not acceptable. Any equipment proposed which cannot be shown to meet these requirements shall be a cause for rejecting the bid.

2.1.3 Compatibility of any proposed equipment to any existing equipment is a firm requirement. The existing prime movers to move the mobile trailer mounted crank-up towers are equipped with a 2 5/16 inch ball hitch, with a seven pin industry standard electrical connection.

2.1.4 All work done, and all equipment supplied or furnished, shall meet all federal, state, and local laws and ordinances, such as, but not limited to, OSHA, EPA, ADEM, FCC, FAA, etc. The contractor is also expected to be knowledgeable of, familiar with, and to adhere to, requirements, guidelines, which may pertain to trailers, antenna towers, and trailer mounted antenna towers, among others.

2.1.5 The contractor, and any and all subcontractors he shall use, shall be fully insured, licensed and bonded to carry out all work required under this contract.

2.1.6 The contractor shall obtain any and all necessary permits required for the work, and coordinate with others, as necessary, to complete the work.

2.2 Order of Precedence.

In the event of a conflict between the text of this specification and the references cited herein, the text of this specification take precedence. Nothing in this specification, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3.0 SYSTEM REQUIREMENTS

3.1 Design, materials, and manufacturing processes.

Unless otherwise specified within these specifications, the design, materials, and manufacturing processes shall be the prerogative of the contractor as long as all articles submitted to the government fully meet the operating, interface, ownership and support, and operating environment requirements.

3.2 Operating Requirements.

Each System shall provide the following functional, operational, and performance capabilities.

3.2.1 Shelter

The System shelter shall provide the following, at a minimum:

- Permanently mounted shelter constructed of at least .125" thick 6063 T52 Aluminum box tubing with at least .090" thick 5052 H32 aluminum sheeting acting as an exterior skin. Centered over axels of trailer.
- Interior finished with laminated material with insulation for a value of R-18 or greater.

- Exterior of shelter is painted white with an automotive grade two-part paint/primer system
- Exterior dimensions at least 8' D L x 8'W x 7.8' H & Interior dimensions at least 7.58' D L x 7.58'W x 7.16' H
- Two 6' equipment racks (standard 19" relay rack configuration) mounted on both sides 2' from interior walls (4' clearance between the front of the racks)
- Roof mounted 15,000 BTU or better, 120 VAC, A/C and heating unit
- Dri-Dek or equivalent Flooring for shelter
- Four (4) foot fluorescent captive bulb light fixture with wall switch to the left of entrance door
- Six Four-hole coaxial entry port mounted near the ceiling in the wall closest to the tower with weather-tight entrance
- Entrance door should be of standard size (2.6' x 6.66') or larger not to exceed (3' X 8') to easily move equipment in and out of the shelter as needed

3.2.2 Electrical

- 12 kW or greater(12 kVA) 60 Hz, single phase, diesel fueled, liquid cooled, electric start Generator with at least 24 hour external fuel storage tank, and a premium sound-attenuated ISO container.
- Electronic governor to control generator frequency with a protective cover
- Generator should be mounted securely to the trailer with easy access to components for maintenance
- Manual transfer switch that will allow connection of the shelter to either shore-power or generator power
- 50 foot long 30 amp (#10/4 wire) shore-power cord with twist lock connector
- Ground kit designed to protect the tower and equipment shelter from lightning
- Breaker panel mounted on the front wall in the corner nearest the generator, with a minimum of 20-20 amp circuit breakers (one for each outlet)
- Power surge protection device that will shut off power in case of over or under voltage problems.
- Provisions for 12VDC to maintain battery charge for generator starter moter, and tower motor.
- One (1) each, A-twist lock 120 VAC outlets mounted inside along each of the two sidewalls and back wall, within 6 inches of the center of the wall each outlet on a separate 20 amp breaker.
- One (1) each, 3-prong 120 VAC duplex outlets mounted inside along each of the two sidewalls and back wall, within 6 inches of the center of the wall with each outlet on a separate 20 amp breaker.
- One (1) each A-twist lock 120 VAC weatherproof duplex outlet mounted outside on the backside of the building with each outlet on a separate 20 Amp Breaker
- Two (2) each 3-prong 120 VAC weatherproof duplex outlet mounted outside on the entrance door side of the building no more than 2 feet from the door, and on the backside, with each outlet on a separate 20 amp breaker.

3.2.3 Trailer

- Hot dipped Galvanized steel dual axle heavy duty mobile communication trailer with four (4) wheel electric brakes
- (2) 7,000 lb capacity rated axles.
- (4) Minimum size of 16" 10 Ply tires and rims.
- One spare tire and rim with a lockable mechanism permanently attached to the trailer
- Aluminum diamond decking covering the entire deck area except the tongue section
- 2 5/16" - 8500# coupler & safety chains
- Leveling screw jacks 7000# capacity and outriggers designed to support the level trailer loaded to capacity
- Tongue jack designed to support the trailer while connected to vehicle
- Wheel Chocks and trailer coupler lock
- Seven (7) pin removable electronic trailer connector
- Four (4) foot level
- 12 VDC Battery pack designed to supply power to electric motor used to crank up the tower and work lights
- Two work lights on extendable masts (120VAC) One to be located forward of the repeater shelter and one aft of the repeater shelter
- Two (2) coax cable reels with 100 feet of 5/8" low loss coax terminated with a male N-connector on both ends. One mounted on the left, and one on the right.
- Two (2) coax cable reels with 75 feet of 5/8" low loss coax terminated with a male N-connector on both ends. One mounted on the left, and one on the right.
- 12 VDC trailer tail, side and stop lights designed to meet federal and state highway safety requirements
- Entry steps designed for easy access into the shelter.
- Lockable aluminum storage box designed to hold grounding kits wheel chocks, level and tools.

3.2.4 Tower

- Lightweight heavy-duty aluminum crank-up tower, shall be capable of horizontal storage on the trailer and easily tilted to the vertical position; and then can be easily extended to the desired height
- Should extend to a minimum height of fifty (50) feet, but no more than sixty(60) feet consisting of at least three sections
- The tower will be self supporting and un-guyed.
- Ground kit designed to protect the tower, equipment shelter, and equipment from lightning, and to provide a ground for the equipment.

- Heavy-duty tilt base and supporting brackets and hold-down cables/brackets necessary to safely deploy trailer
- 12 V DC electric motor winch with control cable and cover designed to extend the tower to its full height
- Welded or permanently attached Mounting clips designed to support the coax cable running up the tower
- One (1) antenna array mount capable of holding three (3) high-gain base antennas.
- A fail safe mechanism that would automatically engage if the flexible cable or tower raising assembly should fail.
- Flashing 120VAC red light mounted near top of tower with 360 degree view and wire needed to operate light (if needed)

3.2.5 Additional equipment

- Self deploying .98M "ToughSAT XP" Satellite Data Dish or equivalent to be mounted on the roof of the shelter
- Rack mounted controls for the Satellite Data Dish
- Rack mounted satellite modem with available first responder data package or equivalent
- Rack mounted wireless router with POE and external antenna port.
- Two (2) Roof –Mounted antenna storage containers.
- One (1) Weather proof IP Camera with PTZ, POE, web based PTZ control and mountable to the bottom of the antenna array bar.
- Two (2) VHF Unity gain Base Antennas mountable to antenna array bar
- Two(2) UHF 5db gain Fiberglass Base antennas mountable to antenna array bar
- Two(2) 800 MHz 6db gain Fiberglass Base antennas mountable to antenna array bar
- Two (2) 2.4 GHz Wi-Fi 12-13db gain fiberglass base antennas mountable to the antenna array bar.