



# CITY OF SUFFOLK

## Purchasing Division

P.O. Box 1858, Suffolk, VA 23439-1858; T (757) 514-7520; Fax (757) 514-7524

## ADDENDUM #1

**TITLE:** Regional Mobile Communications Center

**ACCEPTANCE DATE:** Prior to 3:00 p.m. – April 25, 2012 “Eastern Standard Time”

**IFB NUMBER:** 2012-00087

**ACCEPTANCE PLACE:** Finance Department, Purchasing Division, Room 105  
441 Market Street  
Suffolk, Virginia 23434

**BID OPENING LOCATION:** Purchasing Division Conference Room  
441 Market St., Room 105

Requests for information related to this Invitation should be directed to:

Cindy L. Norfleet, CPPB, Senior Buyer  
(757) 514-7522  
Email address: [cnorfleet@suffolkva.us](mailto:cnorfleet@suffolkva.us)

This document can be downloaded from our web site: [www.suffolk.va.us](http://www.suffolk.va.us)

Issue Date: April 13, 2012

IF YOU NEED ANY REASONABLE ACCOMMODATION FOR ANY TYPE OF DISABILITY IN ORDER TO PARTICIPATE IN THIS PROCUREMENT, PLEASE CONTACT THIS DIVISION AS SOON AS POSSIBLE.

If you have obtained this bid document from the City's website or a source other than the City of Suffolk, contact the Purchasing Division prior to submitting your bid to ensure that a complete up-to-date package has been received. The Purchasing Division is not responsible for providing addenda if the vendor is not listed as a prospective bidder.

# **ADDENDUM #1**

## **Regional Mobile Communications Center**

**Contract No. 2012-00087**

The Request for Proposal for one regional mobile communications center scheduled for opening at 5:00 p.m. April 25, 2012 is hereby amended/clarified as follows:

The design of the vehicle shall be described as a "coach" or motor home" type vehicle, approximately 45 feet long, with four (4) slideouts. A "truck" style or "cab/box" design will not be acceptable. The "modular re-mountable body" described in Section 7.2 A7 shall be deleted from the specifications.

The vehicle must be NIMS (National Incident Management System) Type 1 compliant.

Delete Section 7.2 A, Items 1-8, on Page 9 of the specifications. Replace with the following:

### **DIMENSIONS**

- Length: approximately 45 feet
- Width: Interior – minimum 93 inches; Exterior – approximately 102 inches
- Height: Interior – approximately 83 inches; Exterior – approximately 13 feet 6 inches
- Wheel cut: approximately 55 degrees

Dimensions are approximate and are specified to convey the general size of the vehicle desired. Minor deviations to the specified dimensions may be considered as long as the size of the completed unit is not substantially smaller than that requested

### **CHASSIS**

Freightliner, or approved equal, 2012 or newer

Type: Chassis must be able to accommodate tag axle

Wheel base: approximately 276 inches

GVWR: approximately 44,600 pounds

Engine: 400 hp, Cummins, or approved equal

Frame: ¼" x 2.75" x 9" (approximate) steel raised frame with lowered rear rail section for engine

110" (approximate) rear frame overhang

Fuel type: Diesel

Fuel tank: approximately 150 gallons mounted between frame rails

Air cleaner: Farr Ecolite BC Air Clean, or approved equal

Alternator: 12V 200 amp, Leece-Neville Model 4940, or approved equal

Transmission: Allison 3000 MH Series, electronically controlled. Synthetic automatic transmission oil.

Oil filter: Full flow spin-on oil filter with replacement element

Cooling System: Radiator, sized appropriate for vehicle

Exhaust System: Horizontal tailpipe with side exit from rear of engine. Over-the-road automatic regeneration with dash mounted regeneration switch. Exhaust diffuser is enclosed and tapered.

Steering: TRW THP-70, or approved equal, power steering with tilt/telescopic steering wheel w/foot pedal

Steering column floor mounted boot

Adjustable suspension pedals with flush mounted accelerator on flush mounted plate

Axles: Front – ZF independent, 14,600 lb. single

Rear – Meritor RS-21-145 20,000 lb., 4.63 ratio

Tag axle – Ingersoll – IMT F22 10,000" dropcenter tag axle

Suspension: Front: ZF RI67EM independent front air suspension (14,600 lb. capacity)

Rear: Neway ADL-123 @ 20,000 lbs. with dual air rear suspension leveling valves and manual dump valves.

Tag: Neway non-lifting CA-1110 Series, 10,000 lb.

Shock absorbers: Sachs, or approved equal, front and rear

Tires: Front – Goodyear G670 RV MRT 295/80/R.22516 ply radial, or approved equal

Rear – Goodyear G670 RV MRT 295/80/R22.5 16 ply radial, or approved equal

Tag – Goodyear G670 RV Mart 295/80/R22.5 16 play radial pusher/tag tires, or approved equal

Wheels: 8.25 x 22.5, 10-hub piloted aluminum

Mud flaps: Rubber mud flaps with anti-sail brackets for front and rear wheels shall be provided.

Fenderettes: One (1) pair, rubber

## **BRAKES**

Air brake package: Wabco, or approved equal, 6s/6m ABS without traction control

Reinforced nylon, fabric braid and wire braid chassis air lines

Haldex, or approved equal, purest air dryer with electric heater

Air dryer mounted inboard on left hand rail

Three (3) steel air reservoirs- 2 MTD FWD & 1 MTD in rear

Auto drain valve and (2) manual drain valves w/pull cord

External charging Schrader valve with remote air fill kit

Front: Bendix ADB22X Air Disc Front Brakes

Rear: Meritor 16.5 x 7 Q+ cast spider cam rear brakes

Tag Axle: Meritor 15 x 4 Q+ Cam pusher/tag brakes, double anchor, fabricated shoes

Brake retardation: Cummins, or approved equal, exhaust brake integral with variable geometry turbo. Includes retarder control wiring and control switch.

## **ELECTRICAL CONTROLS AND INSTRUMENTS**

- Dash mounted
- Engine coolant temperature gauge
- Fuel level gauge
- Air system pressure gauge
- Headlight switch
- High/low beam indicator
- Ignition key operated engine shutoff
- Low air pressure warning light
- Oil pressure gauge
- Speedometer/odometer – 7 digits (including 10ths)
- Voltmeter
- Hour meter
- Transmission temperature gauge
- Driver's message center with integral LCD display
- Turn signal switch with dimmer in handle & jumper harness
- High beam switch
- Horn
- Four-way flasher
- Four (4) each 12v power supply outlets to be installed in dashboard

**TOW HITCH**

The contractor will be required to provide a tow hitch for the Satellite Internet Trailer System described under Section 8.0 (Page 15). The trailer system will be provided by the City.

- Tow Hitch: Class 5
- Wiring: Non-metallic, weatherproof, 7-way and 4-way trailer sockets shall be strategically mounted on the rear of the vehicle. Wiring shall be connected via a high-impact plastic, chemical resistant surface mount junction box with eight identified terminal posts. Junction box will have a screw-lid with O-ring seal. All wiring to and from junction box will be via a three-piece compression fitting, including a PVC grommet sized to fit wiring. Junction box shall be located for ease of service and to avoid contamination.

The Offeror is required to provide all equipment requested in the Request for Proposal (RFP) with the exception of PC's (and related equipment), laptops, and mobile radios in accordance with Section 9.0, Paragraph 2. A list of equipment to be installed/provided on the mobile communications vehicle is attached. The listing includes suggested brand names for the required equipment; it also includes "who" will be responsible for providing the equipment---City or Offeror.

The Offeror will be responsible for providing graphics. Provide pricing for a "full wrap."

Miscellaneous information: The range of the XTL 5000 radios will be 764-870MHz to cover the regional radio system.

There is a typo under Item 10.7e (Page 27) regarding the quantity of proposals to be submitted. The Offeror shall submit one (1) original and four (4) copies for a total of five (5) submittals.

The Bidder will be required to acknowledge his/her receipt and acceptance of Addendum #1 by submitting the addendum with their PROPOSAL. If the addendum is not returned with the **PROPOSAL**, the successful Offeror will be required to acknowledge his acceptance prior to award of the contract.

The date for receipt of proposals will remain at 5:00 p.m. April 25, 2012. If you have any questions regarding this Addendum, please contact Cindy Norfleet, Senior Buyer, at (757) 514-7522.

**Acknowledged by:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## Communications Equipment Listing

Item	Product	Qty	Vendor Name	Provider
1	Communications Vehicle: Extra Heavy Bus Vehicle Barebones design (w/No Comm Packages)	1		Bidder
2	iNetVu1206 (1.2-meter/6-Watt), Auto-Deploy w/7000B Series Controller, iDirect-Ready Mobile Internet System	1	Skycaster, Inc	Bidder
2	"Tow-Away" Option - Skycasters MST Trailer (complete trailer solution with assembly included), iNetVu1206 (1.2-meter/6-Watt), Auto-Deploy w/7000B Series Controller, iDirect-Ready Mobile Internet System	1	Skycaster, Inc	City
3	Installation of the 1.2 Meter System	1	Skycaster, Inc	Bidder
4	VOIP IP PBX (1U IP-PBX)	1	RockBochs, Inc.	Bidder
5	6730i Aastra SIP based Telephones	10	Aastra, Inc	Bidder
6	FaxBochs Appliance IP based faxing over satellite	1	RockBochs, Inc.	Bidder
7	Brother - IntelliFax Laser Fax / Copier / Printer	1	Best Buy or equivalent	Bidder
8	NM 150 - New Mountain Ultrasonic Weather Station 100" Waterproof Cable Extension Mobility Package	1	The Weather Shop.com	Bidder
9	Self Contained Automatic Logging Rain Guage	1	The Weather Shop.com	Bidder
10	600 sq ft rapid deployable shelter, ECU & Generator	1	<a href="http://mmicglobal.com/">http://mmicglobal.com/</a>	Bidder
11	Cisco WS-C3560E-(48Port) Multi-Layer PoE 2 SFP Ethernet Switch	1	<a href="http://www.voiplink.com">www.voiplink.com</a>	Bidder
12	Attila MNC Mobile Router w/ embedded wireless modems for AT&T, Verizon Wireless, Sprint Mobile WiMAX, satellite, WiFi, hardwire.	1	Attila Technologies, Inc	Bidder
13	Attila Applications Server software license	1	Attila Technologies, Inc	Bidder
14	Cisco - LAP1262N -T-K9 Series Access Points AP1262 Dual Band	1	<a href="http://www.router-switch.com">www.router-switch.com</a>	Bidder
15	Direct TV DSS receiver / DVR Model R16 100-HR DVR	3	Direct TV	Bidder
16	APC 3 KW UPS System or equivalent rack mounted	2	Best Buy or equivalent	Bidder
17	42" LCD flat panel television wall mounted over conference table	2	Best Buy or equivalent	Bidder
18	40" LCD flat panel television mounted in exterior compartment (for external viewing)	1	Best Buy or equivalent	Bidder
19	26" LCD flat panel television wall mounted in front and rear internal Operations area	2	Best Buy or equivalent	Bidder
20	SMART Board interactive display Model SBID 6052i - Interactive Whiteboard (50"W x 35 3/4" H x 71/4" D)	1	Anixter	City
21	MS MRTI - A high resolution thermal imager with ultra long range zoom CCTV camera. Mounted in a rugged all weather PTZ positioner base w/360.	1	Sierra Pacific Inovations	Bidder
22	Aventura CAM-5B-2IIR-3DNR, Infrared Bullet Camera, 2.8-11 mm Lens, Day/Night 3D Noise Reduction, 150 feet	3	Anixter	Bidder
23	Aventura Virtual Matrix (First fully expandable Matrix solution on a PC platform)	1	Adventura, Inc.	Bidder
24	CAM-BKT-PTZ-PIL, Pillar bracket for PTZ Camera	1	Anixter	Bidder
25	PS-2416AC, 24 VAC Power Supply, 8 amps, for 16 cameras	1	Anixter	Bidder
26	Aventura DHC Series, H.264/SVC, PC Based Commercial Hybrid DVR/NVR	1	Anixter	Bidder

27	DEC-0204 Decoder Card, 4 video and 4 audio channel analog signal output decoder card	1	Anixter	Bidder
28	PTZ Keyboard controller 3D Joystick - 2048 channels	1	Anixter	Bidder
29	Accelelevision TVABOOM Boomerang TV antenna	1	Radio Shack or equivalent	Bidder
30	Channel Master CM32213 Mini 3 way digital RF splitter	2	Radio Shack or equivalent	Bidder
31	Dell Precision Workstation R5400 rack mount PC	1	Internal Purchase	City
32	Dell TrippLite 8 port VGA KVM with Touchpad, Keyboard and 19" monitor	1	Internal Purchase	Bidder
33	*ACU-5000 Interoperability Server (w/Accessory Kit & Manual) includes basic unit with four (4) ports activated, Part number: 5100-100000, Price: \$15,500 *Additional Channels (\$1,590 per channel & will activate six (6) additional channels), Part number: 5100-112000, Price: \$9540.00 *Ten pre-made radio to gateway cables (ICOM, Motorola & EF Johnson cables at \$229.00 per cable) Part Number: Various (Must Specifically Designate Radio), Price: Ten (10) cables = \$2290.00.	1	JPS, Raytheon, Inc.	Bidder
34	ACU-M bundle package includes VoIP/Network-enabled ACU-M, four (4) radio interface cables, a transportable case with battery, a charger, 10/220V power supply, AC/DC power cords and an optional mounting bracket.	1	JPS, Raytheon, Inc.	Bidder
35	Motorola APX 6500 or XTL 5000 / UHF portable w/charger - Radios for Interoperability Gateway	10	Motorola, Inc.	City
36	Motorola XTL 2500 Mobile Radio w/dual control head (For Driver & Conference room in rear of the Unit)	1	Motorola, Inc.	City
37	Motorola XTL 2500 Mobile Radio (For Driver & middle of the Unit)	1	Motorola, Inc.	City
38	Motorola MTR3000 / 800 MHz w/Mounting Brackets	1	PSICOMPANY.com	City
39	Motorola MTR3000 / VHF / x330 /w/Mounting Brackets	1	PSICOMPANY.com	City
40	Motorola MTR3000 / UHF / x340 / w/Mounting Brackets	1	PSICOMPANY.com	City
41	A1185B-25 - 800/900 Mhz - 3.5 dB Gain, Black Finish (825-896 MHz)	1	Comtelco, Inc	Bidder
42	A2145B-50 - 450-470 MHz Integrated Magnet Mount	1	Comtelco, Inc	Bidder
43	Tri Mode 2dB Gain, 4" tall - Cell / PCS 800 / 1900, Brite Finish	1	Comtelco, Inc	Bidder
44	Tandberg 550MXP Teleconferencing System	1	Cisco, Inc.	Bidder
45	NEC NP - M260W WXGA (1280 x 800) LCD Projector	1	B&H Photo-Video-Audio, Inc.	Bidder
46	IWB102HW - Insta-DE Screen Series 50"H X 88.9"W Instant Dry Erase White Board Projection Screen Pad 102" (16:9) Nominal Diagonal	1	Touchboards, Inc.	Bidder
47	IW180-AL - 3-way speaker system, 8" aluminum cone woofer, swivel dome tweeter with +/-3dB switch available, 12dB crossover	1	Touchboards, Inc.	Bidder
48	Dell PowerEdge R710 2xE5620 2.4GHz Quad Core, 24GB DDR3, SAS 6i/R, 2x146GB 10K SAS, Redundant Power, Rail kit	2	Great Lakes Computer, Inc.	City
49	Dell PowerEdge R710 - Server - rack-mountable - 2U - 2-way - 2 x Xeon E5520 / 2.26 GHz - RAM 12 GB - SATA - hot-swap 3.5" - HDD 1 x 160 GB - MGA G200 - Gigabit Ethernet -	1	Amazon, Inc.	City
50	XEN Desktop / Thin Client Cost (Hardware)	15	City of Suffolk IT	Bidder

51	XEN Desktop / Thin Client Option (Xendesktop & MS Licensing Cost)	15	City of Suffolk IT	Bidder
52	CyberStore 224S DSS iSCSI SAN / NAS Configured	1	Brodbery, Inc.	Bidder
53	iSCSI Switch Selection - HP Procurve 2824	1	HP, Inc	Bidder
54	Dell OptiPlex 990 Small Form Factor (225-0460)	14	Dell, Inc	City
55	RS-UP24CAT6 (Cat 6 1u 24 port patch panel)	3	<a href="http://www.rackmountslutions.com">www.rackmountslutions</a>	Bidder
56	Cat6 Patch Cables Ten (20) - Cat6PC-10' Twenty (20) - Cat6PC14' Twenty (20) - Cat6-25' Five (5) - Cat6PC-50'	1	<a href="http://www.rackmountslutions.com">www.rackmountslutions</a>	Bidder
57	MINICOM SMARTRACK 17' CONSOLE SCREEN	1	<a href="http://www.beachaudio.com">www.beachaudio.com</a>	Bidder
58	Brother HL - 3070CW Color Laser Printer w/Wireless Networking	2	CSN Office.com	Bidder
59	HP DesignJet 450C 36" Large Format Color Inkjet Plotter C4716A	1	<a href="http://www.designjetplotters.com">www.designjetplotters.com</a>	Bidder
60	Panasonic AG-DVX100B Mini-DV Camcorder & One (1) 1.6x Telephoto Converter Lens for Panasonic AG-DVX100B	1	B&H Photo	City
61	Laptop Computer (Microsoft 7 based) for Mobility	2	Dell, Inc	City
62	I MAC 2 Computer used for Mobility	2	Apple, Inc.	City
63	David Clark Headphones	4	Motorola, Inc.	Bidder
64	David Clark XTL 2500 / 5000 Interface Cables	4	Motorola, Inc.	Bidder