

Manor Independent School District
Board of Trustees Board Meeting Agenda Item
March 25, 2024

CONSENT ITEM SHEET

RE: Consider and possible action regarding purchase of equipment and materials and installation of radio communication upgrade for Transportation Department, including possible delegation of authority to Superintendent of his designee to negotiate and finalize the purchase/agreement.

Supporting Documents:

1. *Quote from Bearcom*

District Goals:

FACILITIES & MAINTENANCE- By 2026, Manor ISD will proactively provide facilities to ensure 100% of scholars will have safe, well-maintained, environmentally sustainable, and community accessible facilities.

Bottom of Form

Background Information:

The District has radio communication capabilities between the Transportation Facility and all of our school buses. The District's current antenna has a range that will not reach all parts of Manor ISD. Administration has reviewed options to either upgrade the antenna to have a larger bandwidth, but that was very costly. Instead, another option is to install repeaters, which are electronic devices that captures the signal from a nearby base station, amplifies this signal, and broadcasts it to the locations where the signal reception is weak. This option is considerably less expensive and will allow radio communication between Transportation and our buses.

With the New Transportation Center, we will need to add the repeaters before it opens. Administration proposes to use an interlocal purchasing cooperative as the procurement method through BuyBoard.

Fiscal Implications:

The quote for the top-ranked vendor is \$94,298.20. This will be paid for with 2019 Bond funds.

Administrative Recommendation:

Administration recommends that the Board approve BEARCOM OPERATING, LLC as the top-ranked vendor for the purchase of this equipment and installation through the BuyBoard interlocal purchasing cooperative under Contract No. 696-23 (for Radio Communications and Video Recording Products and Services."

Proposed Motion Language:

"I move that the Board approve BEARCOM OPERATING, LLC for the purchase of this radio communications repeater/upgrade equipment and installation as presented by Administration through the BuyBoard interlocal purchasing cooperative under Contract No. 696-23 (for Radio

Communications and Video Recording Products and Services) and further delegate authority to the Superintendent or his designee to negotiate and finalize the purchase.”

Mr. Joe Mendez

Contact Person

Dr. Robert Sormani

Approved by Superintendent

Proposal

Quote Number: 621878
 Quote Date: 2023-12-11
 Branch: 20142

Printed On: 2024-03-07
 11:09:46
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Customer/Prospect Number - 1623111

MANOR ISD
 10335 US HWY 290 E
 ATTN: ACCOUNTS PAYABLE
 MANOR TX 78653-4686

Ship To - 1626375

MANOR ISD TRANSPORTATION
 10332 OLD HIGHWAY 20
 MANOR TX 78653-4517

Customer Contact:	ELVIN SHEAD	Customer Email:	aamir.mohiuddin@manorisd.net
Phone Number:	(361) 401-0514	Delivery Instr:	

Quantity	Part Number	Unit Price	Extended Price
6	GECLB6-10 TES 1-HOLE LONG BARRL LUG 10PK 520583	28.35	170.10
120	WSGW-6-19STG TES #6 GREEN, STRANDED COPPER 481111	2.75	330.00
6	0309660A01 RACK SCREW 12-24X5/8 SLTXW ZIN UNIT OF MEASURE: 10 PK	17.89	107.34
6	PMLE5031 MOT WALL MOUNT BRACKET KIT	253.77	1,522.62
250	1594A BELDEN 4PR UV RESIST CAT5E-FT 446185	0.34	85.00
30	105020:347463 TES PLATINUM EZ-RJ45 PASS THRU 377745	2.72	81.60
6	WK-U TES W/S WEATHERPROOFING KIT 558632	55.07	330.42
12	GK-S12AC STD GROUND KIT FOR 1/2 AIRCEL	51.23	614.76
6	IS-50NX-C2 TES POLYPHASE MOUNT ARRESTOR 20573	108.23	649.38
12	F4PNMV2-HC ANDREW N-MALE FOR 1/2 SUPERFLEX 441175	35.44	425.28
150	FSJ4-50B ANDREW 1/2 SUPERFLEX CABLE 430174	3.40	510.00
6	NFP01250 TRIL N FEMALE FOR 1/2 CABLE PLENUM	29.28	175.68
6	NMP01250 TRILOGY N MALE FOR 1/2" PLENUM CABLE	29.52	177.12
900	AC012J50 TRILOGY 1/2" CORRUGATED CABLE 50OHM, BLACK, IN-CONDUIT	3.30	2,970.00
12	MT-F1637 ANDREW RUBBER MAT 1/2X18X48 41822	50.79	609.48
6	FRM125HC TES 60 NON-PENETRATING RF MNT 393244	248.57	1,491.42
6	CC223B-2.5 L-COM RG223 COAXIAL CABLE BNC 235700	58.71	352.26
6	FP30401B-2-3 TESSCO SINCLAIR 440-480 PRSLTR 319205	557.37	3,344.22
6	TRFC-11316-36	64.90	389.40

Quantity	Part Number	Unit Price	Extended Price
	3' RG-142U JUMPER W/ NM 2 BNCM 217727		
6	JS-NMNM3F-B141 TES JUMPER NM/NM 3-FT BLUE 278979	38.54	231.24
6	MR356N-2 TES 440-480MHZ MOBILE DUPLEXER 302329	948.94	5,693.64
6	AAR10TCGANQ1AN MOT SLR 5700 450-512M 1-50W UHF Repeaters	4,750.00	28,500.00
1	INSTALLATION MATERIALS INSTALLATION MATERIALS - 90? Included 90 radios reprogram?	28,000.00	28,000.00
6	ENGINEERING SERVICES ENGINEERING DESIGN SERVICES	300.00	1,800.00
10	HK2112A MOT TLK100 WAVE TWO-WAY	350.00	3,500.00
10	AIRTIME FOR ROAMING RADIO AIRTIME PER MONTH PER RADIO	35.00	350.00
6	SMART1000RM2U TRIPPLITE SMARTPRO 1KVA 800W LINE INTERACTIVE 2U RACK/TOWER	1,044.58	6,267.48
6	DB404-B TES COMMScope BASE ANT 450-470 66392	669.96	4,019.76
1	BUYBOARD BUYBOARD CONTRACT # 696-23		0.00

Quote valid until:	2024-01-10	Confidential and Proprietary	Sub Total	92,698.20	
X _____ Customer Signature			Shipping and Handling	1600.00	Estimate
			Tax	TBD	
			Total	94,298.20	

MICHELLE MORGAN
Account Executive
Michelle.Morgan@BearCom.com

ROUND ROCK Branch Office: 512-279-5950
FAX: 512-852-7688

IP Site Connect - Manor Transportation



SERVICE AGREEMENT



ONE YEAR SERVICE AGREEMENT AND
PREVENTATIVE MAINTENANCE PLAN

4801 UNIVERSITY BLVD STE 310
ROUND ROCK TX 78665-2052
MICHELLE MORGAN
Michelle.Morgan@BearCom.com
ROUND ROCK Branch Office: 512-279-5950

BEARCOM[®]

Statement of Work



This Statement of Work (SOW) provides the most current understanding of the work required by both parties to ensure a successful Service Agreement. It is understood that this SOW is a working document, and that it will be revised as needed to incorporate any changes with associated system configuration, or any change orders that may occur during the term of the agreement.



BearCom SERVICES PROVIDED



Annual Preventative Maintenance

Perform Annual Preventive Maintenance Measurements, Firmware Updates and Alignments to restore base stations, repeaters, consoles, bi-directional amplifiers or any other infrastructure or equipment to factory specifications. Sweep antenna lines to ensure proper operation.



System Maintenance

Agreement covers labor and travel time necessary to keep infrastructure or equipment operating properly. Faulty equipment will be repaired or replaced at time and material rates upon customer approval. For complete Terms of service, please visit www.bearcom.com/terms-of-sale.

CUSTOMER OBLIGATION

Customer will assume responsibility for the performance of all other equipment and work necessary for completion of this project that is not provided by BearCom. Customer's general responsibilities include the following:

01	Provide All Buildings, Equipment Shelters, and Any Other Structures Required for System Operation
02	Provide Site Access or Permit (If Any) for BearCom Field Technician During Preventive Maintenance and/or On-Site Service Call
03	Ensure Equipment Sites Meet Power, Grounding, Space, and Connectivity Requirements For All Equipment
04	Obtain All Licensing, Site Access, or Permitting Required for Project Implementation

Service Proposal

This Proposal offers a **One Year Service Agreement and Maintenance Plan** for infrastructure effective immediately upon installation and system acceptance by **MANOR ISD**. BearCom will conduct Preventive maintenance and perform firmware upgrades on all **covered equipment and infrastructure** on an annual basis.

BearCom Field Technicians will re-tune and align all equipment to **factory specifications** during this process. Faulty equipment under warranty will be returned to the manufacturer for repair.



EXPERIENCE AND EXPERTISE

The **BearCom Technical Services Group** includes more than 350 certified, highly knowledgeable and experienced wireless industry professionals.

- 40+ Years Industry-Leading Experience
- Largest Distributor of Wireless Voice, Data, and Video Solutions in North America
- Partnerships with Motorola, JVC Kenwood, Avigilon, +More
- 65+ Branches Across North America

SERVICE COMMITMENT

Monday to Friday

8:00a to 4:30p

- 1 Phone Support and Training
- 2 Onsite Support, Troubleshooting and Repair
- 3 Annual Preventative Maintenance

TECHNICIAN RESPONSE

Description	On Site Response Time
Severity Level 1 Catastrophic Failure Detrimentially Impeding Operations or Jeopardizing Safety of Personnel	Same Business Day Work Performed After Service Hours Charged at Time and Materials Rates
Severity Level 2 Failure That Degrades Business Operations, Does Not Impact Personnel Safety	Same Business Day If Work Can Be Performed During Business Hours, Otherwise Next Business Day
Severity Level 3 Impaired Communications Not Significantly Impacting Business Operations or Impacting Personnel Safety	1-2 Business Days
BearCom will make all attempts possible to respond by phone within 4 business hours. Work Will Be Performed At Times Determined by Customer and BearCom. Hours can vary depending upon facility availability. Normal work hours are 8:00 am to 4:30 pm, Monday through Friday, excluding Contractor holidays.	

PRICING

FOR PROPOSED MAINTENANCE SERVICES

QTY.	MODEL NUMBER/DESCRIPTION	ANNUAL SERVICE AMOUNT	
		PER UNIT	EXTENDED
6	MOT SLR 5700 450-512M 1-50W	475.00	2,850.00
6	TES COMMSCOPE BASE ANT 450-470	67.00	401.98
10	MOT TLK100 WAVE TWO-WAY	35.00	350.00
6	TES 440-480MHZ MOBILE DUPLEXER	94.89	569.36
6	TRIPPLITE SMARTPRO 1KVA 800W	104.46	626.75
Quote Reference <u>621878</u>		Tax	TBD
		Annual Total	\$4,798.09

COMPANY NAME

MANOR ISD

ATTENTION

ELVIN SHEAD

ADDRESS

10335 US HWY 290 E

CITY **MANOR**

STATE **TX**

ZIP **78653-4686**

TEL: **-512-278-4015**

FAX:

Estimated Agreement Start Date: 2023-12-29

Agreement Begins Upon Installation and System Acceptances by Customer

SPECIAL INSTRUCTIONS AND AGREEMENT CONDITIONS

MICHELLE MORGAN

Account Executive

Michelle.Morgan@BearCom.com

Annual payment of \$4,798.09 due on or before start date of the agreement. By signing this agreement, you have read and understood the terms and conditions set forth within. For more information on completed BearCom Terms of Service, please visit <https://bearcom.com/terms-of-sale>.

Accepted by:

Customer Name: _____

Title: _____

Date: _____

Customer Purchase Order No.: _____

Protect Your Investment

Our team of 350+ factory-trained and certified technicians perform preventative and routine maintenance checks to keep your equipment running in top condition and maintained to factory standards.

Dramatically Reduce Downtime

Our team of expert technicians can quickly diagnose problems and begin necessary repairs so that you're up and running again in no time.

Control Repair Costs

BearCom's Service Agreement keeps you in control of your repair costs. Scheduled maintenance minimizes the need for unexpected repairs that could significantly impact your budget.

Fast Turnaround

BearCom provides priority service for repairs so your operations keep running smoothly.

Peace of Mind

Regular Maintenance eliminates the guesswork and worry around sudden and unexpected equipment problems.

ALWAYS ON



MOTOROLA SOLUTIONS

SERVICE ELITE SPECIALIST