



COUNTY OF NEVADA  
NEVADA COUNTY SHERIFF'S OFFICE  
PURCHASE/EXPENSE REQUEST FORM

\*To be included with non-routine/non-budgeted items\*

Requesting Budget: 153 Division/Team: Corrections Requestor: Jason Newberry

Vendor Name: Banner Communications

Budgeted/Wish List ☐

Not-Budgeted ☒

Description:

Replace the radio repeater due to Officer safety concerns. Although we have replaced our radios, we are having issues with transmission clarity. The current radio-repeater is 20 years old and failing. Further, there is a lack of availability for replacement parts due to its age.

Account Code #	Line Description	Excel Budget Line (Row #)	PCN (If known)	Amount, including tax
540600	Radio Equipment (Other)	194		\$ 6,714.27
				\$
				\$
				\$
				\$

Other Notes:

Quote from Banner Communications is attached for review.

Lieutenant Approval < \$500:

M. Crutch CH

Date:

9/6/2024

Captain Approval < \$1,000:

M. W.

Date:

9-6-2024

Sheriff/Undersheriff Approval:

Date:

Finance Approval:

Date:

**APPROVED**

By Georgette Aronow at 1:34 pm, Sep 06, 2024



**Banner Communications**  
P.O.Box 971 / 110 Adams Lane  
Grass Valley, CA 95945  
530-273-0070  
john@bannercom.com  
Fax 530-273-0099

**Work Order #1494**

7/15/2024

**Bill To:** Nevada County Sheriff's Office  
950 Maidu Avenue  
Nevada City, CA 95959  
530-265-1383 Shannan  
sheriff@nevadacountyca.gov

**SUMMARY:** Deduct duplexer if already done previous.

**Terms Open**

Customer PO# Complete replac

**Due Date:**

Item #	Item Name	Item Description	Qty	Price	Ext Price
70726	NXR-1700E	FM Analog / NXDN / DMR Repeater, Analog, VHF, 136-174MHz, 1-50W	1	\$2,466.00	\$2,466.00
31296	ANT150D	138-174 MHz, 1-2.5dBd, 500W Dipole Antenna, N-Male Pigtail	1	\$403.00	\$403.00
30757	DUPLEXER	(IF NOT INSTALLED ALREADY)	1	\$750.00	\$750.00
30671	ICT12-10	13.8 VDC 10 Amp Power Supply with a 7.1" case width	1	\$99.95	\$99.95
31195	LDF4-50A	1/2" Foam Helix 50 Ohm Coaxial Cable	50	\$3.18	\$159.00
31196	L4TNF-PSA	Conn, Positive Stop N-Female for 1/2" LDF4, AL4RPV	1	\$24.68	\$24.68
31197	L4TNM-PSA	Conn, Positive Stop N-Male for 1/2" LDF4, AL4RPV	3	\$28.00	\$84.00
30957	Polyphaser 125-1000 MHz		1	\$155.00	\$155.00
80	21 Two-Way Install Labor	Installation of antenna on roof, programming of repeater, tuning of duplexer, wiring, mounting, and testing.	12	\$150.00	\$1,800.00
31840	ICT12-12	120 VAC, 12V 12 Amp Switching Power Supply, 6.4" Width	1	\$169.95	\$169.95
31542	RFN1005-3C	RF INDUSTRIES N male connector for RG58/U, RG58A/U, RG141 and Ultralink cable. Silver plated body, gold pin. Crimp center pin, crimp on braid.	5	\$8.00	\$40.00
30714	RFB-1142	RF INDUSTRIES BNC female to SMA female adapter.	1	\$6.60	\$6.60
31070	RG-142	RG142 M17/060-RG142 Coaxial Cable	15	\$4.74	\$71.10
31928	19 " Rack Cabinet	proper mounting of parts	1	\$100.00	\$100.00

Subtotal: \$6,329.28  
Local Sales Tax 8.5 % Tax: + \$384.99  
**TOTAL: \$6,714.27**  
Deposit Balance: \$0.00

*Thank You for the opportunity to provide this quote. We at Banner look forward to doing business with you.*  
All quotes are good for 90 days unless specified otherwise