

BID SCHEDULE OF PRICES – ITEMIZED - SEE SCHEDULE “B”

Item Award

Class Award

For furnishing and delivering the specified goods or services, which includes, without limitation all freight charges, demurrage, insurance, packaging, machinery, tools, labor, services, skill and other items of whatever nature required to fulfill the obligations under the resultant Contract, the Bidder agrees to accept in full compensation therefore the amount of the total bid sum of:

TOTAL BID FOR ITEMS 1 TO 1d, INCLUSIVE, THE SUM OF:

PLEASE PRINT:

Written in Words: Thirty-six thousand nine hundred Type text here
_____ Dollars zero _____ Cents

Written in Figures: \$ 36,900.00

Discount for Prompt Payment: 0 % _____ Days, Net 30.

The Bidder hereby acknowledges receipt of all Solicitation Documents and Addenda through and including Addendum number 0 (Bidder to insert number of last Addendum received.)

Availability: 20-24 weeks after receipt of order _____

Contractor: Electronic Systems Solutions, Inc (ESS)

Address of Bidder: 250 Clearbrook Road

Elmsford, NY 10523

Is this business a Certified Minority / Women Business Enterprise in New York State?

Yes No

Prepared By: Andrew Pavone

Title: Account Manager

Signature: *Andrew Pavone* Telephone No.: 914 592-5005

Fax No.: 914 592-1098

E-Mail: Apavone@gotoess.com Date: 11/3/2022

BID AND BIDDER'S AFFIDAVIT

Bid No.: **RFB-6888**

By submission of this bid and the execution of the Bidder's Affidavit, the Bidder hereby submits a binding offer to furnish all required work and meet all other obligations set forth in the Contract Documents, and all addenda thereto, whether received by the undersigned or not; for the total sum indicated below:

Bid Amount: Thirty-six thousand nine hundred
 _____ Dollars, zero Cents.

Printed in words

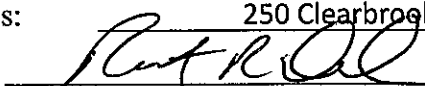
\$ 36,900.00

 (Total Bid in Figures)

^{hirty-six thousand nine hundred}
 By submission of this bid, the Bidder acknowledges that it has read the 1) Information for Bidders, 2) Form of Contract, 3) Schedule "A", Scope of Services, 4) All Schedules, and 5) all addenda (if any).

Bid Made by:
 (Firm Legal Name) Electronic Systems Solutions, Inc (ESS)

Address: 250 Clearbrook Road, Elmsford, NY 10523

By:  Robert Dale President
 (Signature-Authorized Officer) (Print Name) (Print Title)

Telephone: 914-592-5005 Fax: 914-592-1098
 Tax ID Number: 22-3477278 Date: 11-3-2022

The Bidder's authorized representative on this Project shall be _____
Andrew Pavone or Robert Dale

Additionally, by submission of this bid and the execution of the Bidder's Affidavit each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies on behalf of its own organization, under penalty of perjury, that to the best of his/her knowledge and belief:

A. The prices in the bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

B. Unless otherwise required by law, the prices which have been quoted in the bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor;

**SCHEDULE "B"
BID SCHEDULE OF PRICES**

Description One-time purchase of 123 Motorola model AAH02RDH9VA1AN, or equal, portable radios and related accessories.

ITEM	ESTIMATED QUANTITIES	DESCRIPTION - ITEMS WITH UNIT BID PRICES WRITTEN IN WORDS	UNIT BID PRICES		TOTAL AMT. BID	
			DOLLARS	CENTS	DOLLARS	CENTS
1	123	Motorola model AAH02RDH9VA1AN 403-512 MHz-UHF XPR3500, or equal, inclusive of lines 1a-1d. 1a. QA02302AB -UHF Stubby Antenna,440-490 MHZ(PMAE4070) 1b. STDBAT0867AE- STANDARD BATTERY 1c. STDCHG0446 IMPRESS SUCW/SMPS(WPLN4232) 1d.STDSMA0771AA Standard 5 Year SMA and Software Features ALTERNATIVE RADIO Kenwood NX-1300DUK2 UHF (450-520MHz), 5W, 260 CH, LCD & Standard Keypad, DMR/Analog All in one package with Radio, Upgraded to Stubby Antenna, Battery, Charger and three Year Warranty Please note - Radio model not compatible with Mototrbo proprietary systems ie IP site connect and Cap plus	\$300	00	\$36,900	00
			\$0		\$0	

TOTAL BID - ITEMS 1 to 1d, INCLUSIVE

PLEASE PRINT

WRITTEN IN WORDS: Thirty-six thousand nine hundred, zero Dollars zero Cents

WRITTEN IN FIGURES: \$36,900.00

LEGAL NAME OF CONTRACTOR: Electronic Systems Solutions, Inc (ESS)

ADDRESS: 250 Clearbrook Road, Elmsford, NY 10523

PREPARED BY: Andrew Pavone

TITLE: Account Manager

TELEPHONE NO. : 914 592-5005

EMAIL: Apavone@gotoess.com

DATE: 11/3/2022

KENWOOD

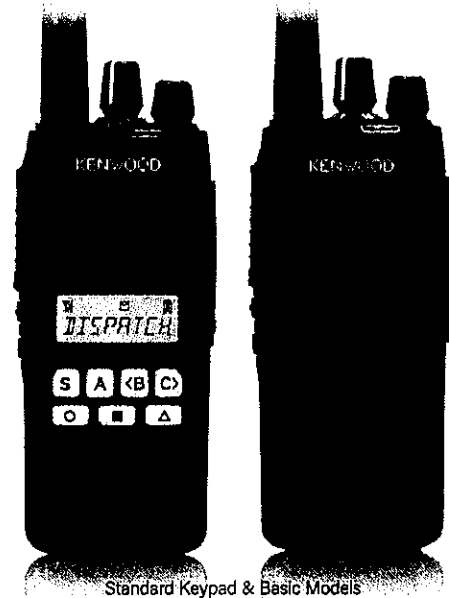
NX-1200DV/1300DU

MULTI-PROTOCOL DIGITAL & ANALOG PORTABLE RADIOS

A SINGULAR SOLUTION

If you are thinking of harnessing the latest digital protocols – NXDN or DMR – to enhance business efficiency or FM analog for its simplicity, the NEXEDGE NX-1200DV/1300DU radios have you covered. Our singular solution offers the widest selection of two-way radios for everyday use. The model matrix also includes basic and keypad variations, with or without a high-contrast backlit LCD. Other features include a 7-color LED indicator and the popular KENWOOD 2-pin audio accessory connector. Plus, mixed-mode operation ensures seamless integration with legacy radios while smoothing the onward migration path to digital. But whatever your specific needs, audio quality is what determines clear voice communications – which is why KENWOOD radios are used under the most grueling conditions, like the cockpit of a racing car. Thanks to our extensive experience with professional systems, reliability is second to none. So whatever your radio requirements, KENWOOD's NEXEDGE NX-1200DV/1300DU radios offer a single platform that's right for you.

NXDN® **DMR** **DMR >>>> Auto Slot Select >>>>** **FleetSync™**



Standard Keypad & Basic Models

Features

Multi-protocol digital radio: Designed to operate under NXDN or DMR digital and FM analog protocols

Choose from direct & intuitive LCD with standard keypad or basic enclosures

Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD

Large 7-Color LED indicator on the top panel

Selective Power-on LED

Selective Call Alert LED

Battery Level Indication

Multi-status function indication

RF output power 5W both on VHF/UHF

Mixed Zone - analog and digital

Renowned KENWOOD Audio Quality: TX/RX audio profile with optimizable digital processor

Audio Equalizer: Flat, High, Low

Auto Gain Control: On, High, Low, Off

Noise Suppressor

Microphone type settings

Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan

VOX & PTT –triggered Semi-VOX, Voice-operated TX

Emergency Function: Customizable Emergency Profile

Lone Worker

Max / Min Volume setting & Volume control

Voice Announcement

Remote Stun / Kill / Check

Front Panel Programming Mode (for Keypad model)

Electronic Serial Number (ESN)

MIL-STD-810 C/D/E/F/G

IP54 and IP55

Intrinsically Safe Option

Digital – DMR Mode

TDMA 2-slot 12.5 kHz bandwidth equivalent to 6.25 kHz very narrow bandwidth

DMR Tier II Conventional Operation

Site Roaming

DMR Auto Slot Select

Dual Slot Direct Mode

Digital / Analog Mixed mode

Call Interruption

Group / Individual Call

Status / Short data, Paging Call

Remote Stun / Kill, Monitor, Check & Control

Enhanced Encryption (ARC4)

Digital Bit Scrambler

Late Entry

Over-the-Air Alias (OAA)

Analog – FM

FM Conventional Operation

FleetSync: PTT ID, Stun/Revive,

Talk back, Selcall

MDC1200: PTT ID, Radio Inhibit/Uninhibit, Radio check, Emergency

QT / DQT, DTMF, 2-tone

Built-in Programmable Voice Inversion

Scrambler (per channel)

Built-in Compressor (per channel)

Digital – NXDN® Mode (Optional)

FDMA – Very narrow 6.25 kHz & narrow 12.5 kHz bandwidths

NXDN Conventional Operation

Site Roaming

NXDN Type-D Trunking Option

Digital / Analog Mixed mode

Group / Individual Call

Status / Short data, Paging Call

Remote Stun / Kill, Monitor, Check & Control















Digital Bit Scrambler

Late Entry

Over-the-Air Alias (OAA)

Accessories

All accessories may not be available in all markets
Contact an authorized Kenwood dealer for details and complete list of all accessories

KNB-45L 2,000mAh/7.4V Li-Ion Battery Pack		KSC-35SK Fast Charger For the KNB-45L/69L 82LCM (3-Hour)		KRA-22/23 VHF/UHF Low Profile Helical Antenna		KMC-45D Speaker Microphone		KHS-31C C-Ring PTT Ear Hanger Headset	
KNB-69L 2,550mAh/7.4V Li-Ion Battery Pack		KSC-43K Dual Chemistry Fast Charger For the KNB 29N/45L/69L/82LCM		KRA-26/ 27 VHF Helical Antenna UHF Whip Antenna		KHS-26 Earbud in-line PTT Headset		KBH-10 Belt Clip	
KNB-82LCM 1,900mAh/7.4V, Intrinsically Safe Li-Ion Battery Pack		KVC-22 DC Vehicular Charger Adapter		KRA-41/42 VHF/UHF Stubby Antenna		KHS-27A D-Ring In-line PTT Headset			

Specifications

Pre-set Frequencies	Type 1 Type 2	136-174 MHz	450-520 MHz 400-470 MHz
Max. Channels per Radio		250 (64 for basic model)	
Number of Zones		128 (4 for basic model)	
Max. Channels per Zone		250 (16 for basic model)	
Channel Spacing	Analog Digital	30° / 25° / 15° / 12.5 kHz 12.5 / 6.25 kHz	
Power Supply		7.5 VDC ±20 %	
Battery Life	DMR KNB-45L (2000mAh) KNB-69L (2550mAh)	Approx. 14.5 hours Approx. 19 hours	Analog/NXDN Approx. 11 hours Approx. 14 hours
Operating Temperature (Radio only)*		-22°F to +140°F (-30°C to +60°C)	
Frequency Stability (-30 to +60°C; +25°C Ref)		±0.5 ppm	
Antenna Impedance		50 Ω	
Dimensions		(W x H x D) Projections Not Included	
Radio with KNB-45L/82LCM		2.13 x 4.84 x 1.32 in (54 x 123 x 33.5 mm)	
Radio with KNB-69L		2.13 x 4.84 x 1.48 in (54 x 123 x 37.5 mm)	
Weight	(Basic model) Radio Only Radio with KNB-45L/82LCM Radio with KNB-69L	(Standard keypad model) 5.17 oz (145 g) 10.41 oz (295 g) 10.93 oz (310 g)	
FCC ID	Type 1 Type 2	K44501000*3 / K4450100*4	K4450100*3 / K4450100*4 K4450100*3 / K4450100*4
IC Certification		282F-501000*3 / 282F-50100*4	282F-50100*3 / 282F-50100*4

* 12.5 / 30 kHz in VHF/UHF Bands excluding T-Band are not included in the models sold in the USA or US territories.
*2 Operating temperature specification for a Li-Ion battery is -10°C to +60°C (-14°F to +140°F).
*3 Productions before end of May, 2021 have this FCC ID and IC Certification.
*4 Productions after end of May, 2021 have this FCC ID and IC Certification.

Analog measurements made per TIA603. Specifications are measured according to applicable standards. Specifications are subject change without notice, due to advancements in technology.

Sensitivity	NXDN* @ 6.25 kHz Digital (3% BER) NXDN* @ 12.5 kHz Digital (3% BER) DMR* @ 12.5 kHz Digital (1% BER) DMR* @ 12.5 kHz Digital (5% BER) Analog @ 12.5/25 kHz (12 dB SINAD)	0.18 µV 0.22 µV 0.25 µV 0.18 µV 0.20 µV / 0.24 µV
Selectivity	Analog @ 12.5 / 25 kHz	68 dB / 74 dB
Intermodulation Distortion		70 dB
Spurious Rejection		70 dB
Audio Distortion		7%
Audio Output Power		1W / 12.0 (Internal Output)
RF Power Output (High / Low)		5W / 4W / 1W
Spurious Emission		-70 dB
FM Hum & Noise	Analog @ 12.5 / 25 kHz	40 dB / 45 dB
Audio Distortion		2%
DMR Digital Protocol		ETSI TS 102 361-1, -2, -3
Emission Designator		16K0F3E, 11K0F3E, 8K30F1E, 8K30F1D, 8K30F7W, 4K00F1E, 4K00F1D, 4K00F7W, 4K00F2D, 7K60F1D, 7K60F7W

FloatSync™ is a registered trademark of JVCKENWOOD Corporation in the United States and/or other countries.
NXDN™ is a trademark of JVCKENWOOD Corporation and Icom Inc.
NEXEDGE™ is a registered trademark of JVCKENWOOD Corporation.
All other trademarks are the property of their respective holders.

MIL-STD & IP

Low Pressure	5001/Procedure I	5002/Procedure I, II	5003/Procedure I, II	5004/Procedure I, II	5005/Procedure I, II
High Temperature	5011/Procedure I, II	5012/Procedure I, II	5013/Procedure I, II	5014/Procedure I, II	5015/Procedure I, II
Low Temperature	5021/Procedure I	5022/Procedure I, II	5023/Procedure I, II	5024/Procedure I, II	5025/Procedure I, II
Temperature Shock	5031/Procedure I	5032/Procedure I	5033/Procedure I	5034/Procedure I, II	5035/Procedure I
Solar Radiation	5051/Procedure I	5052/Procedure I	5053/Procedure I	5054/Procedure I	5055/Procedure I
Rain†	5061/Procedure I, II	5062/Procedure I, II	5063/Procedure I, II	5064/Procedure I, III	5065/Procedure I, III
Humidity	5071/Procedure I, II	5072/Procedure II, III	5073/Procedure II, III	5074	5075/Procedure II
Salt Fog	5091/Procedure I	5092/Procedure I	5093/Procedure I	5094	5095
Dust	5101/Procedure I	5102/Procedure I	5103/Procedure I	5104/Procedure I, III	5105/Procedure I
Vibration	5142/Procedure VIII, X	5143/Procedure I	5144/Procedure I	5145/Procedure I	5146/Procedure I
Shock	5162/Procedure I, II, V	5163/Procedure I, IV	5164/Procedure I, IV	5165/Procedure I, IV	5166/Procedure I, IV

Dust & Water Protection† IP54/55* To meet IP54/55, the 2-pin connector cover has to be connected on the radio or the locking bracket has to be attached to the external speaker microphone.

JVCKENWOOD USA Corporation
Communications Sector Headquarters
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KENWOOD Communications
Global Website



www.kenwood.com



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