

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2025-240
Item to be Scouted	Metal Detector
Days to be scouted	90
Response Due By	10/21/2025
Description	we need a full-service electronics manufacturer and packager.
State item to be used in	California

## Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	New product startup
Describe the manufacturing processes (elaborate to provide as much detail as possible)	injection molding of metal detector casing and internal supports, winding of the coil and printing PCB and supplying laser and switches then full clamshell packaging and boxed for shipment
Provide dimensions / size / tolerances / performance specifications for the item	Lumber Wizard 5 18" x 2.5" x 2" laser metal detector wand.  Little Wizard 2. 9"x3"x1.5" Handheld metal detector  Please see attachments for additional information and specifications
List required materials needed to make the product, including materials of product components	plastic pellets, copper, magnet, PCB
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	

## Section 4: Business Information

Estimated potential business volume	10,000 Little Wizards / annually 2000 Lumber Wizards / annually
Estimated target price / unit cost information (if unavailable explain)	Lumber Wizard 5 \$149.95  Little Wizard 2. Handheld metal detector \$44.95
When is it needed by?	3 months
Describe packaging requirements	Best available. Clamshell with color insert. Delivered undamaged. Additional specifics discussed in negotiation.

Where will this item be shipped?	Ukiah, CA
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## Additional Comments

Is there other information you would like to include?	Need tooling and manufacturing cost
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Automatic  
Tuning

200000  
**LUMBER**  
**WIZARD**  
**5**  
Laser  
Line

*Helps save your blades from hidden nails and screws!*



**Metal Detector  
For  
Woodworkers**

*Protect Your:*

- ☒ Planer
- ☒ Jointer
- ☒ Router
- ☒ Saw Blades

**Features:**

- 1 Automatic Tuning
- 2 Detects nails, screws & other hidden metal objects inside wood
- 3 Laser Line Indicator and Audio Alerts
- 4 Quick, one-handed operation
- 5 6" long scanning area for faster scans
- 6 Helps eliminate costly shop down time
- 7 Fast & accurate
- 8 One year warranty

Using 90 hours continuous use from one 9 volt battery (not included)

**"The Best-Selling Woodworking  
Metal Detector Just Got Better... Again!"**

# LITTLE WIZARD II

24902

**The Little Wizard is a precision hand held metal detector, perfect for scanning recycled wood prior to planing or sawing. It can also be used to locate wood studs inside of walls by detecting the drywall screws. The Little Wizard will pinpoint the exact location of metal. It is widely used by woodworkers and metal detector enthusiasts everywhere. Its small size and unique detection strength allow it to be used in tight spaces where small metal objects may exist.**

## **INSTRUCTIONS: (\*Also See Tuning Video At [LittleWizard.com](http://LittleWizard.com))**

**To Locate Metal Objects:** While holding the Little Wizard away from any metal objects, turn the unit on and adjust the dial on top of the Little Wizard to a point just where tone signal stops. This is the "working point." Position the Little Wizard with the head pointing toward the surface of the suspected location of the metal and move in a circular motion. A continuous tone will sound when you are directly on top of a metal object, and the row of LED lights will indicate the relative proximity and amount of metal present.

**Battery:** One 9 volt battery is required (not included). For installation, remove battery cover and connect the 9 volt battery. Always replace battery cover. Use of the Little Wizard in damp or very cold environments may cause inaccurate or false readings. Do not immerse in water, or use in extremely damp environments, as this may cause damage to the device.

**Fine Tuning:** The Little Wizard can easily be fine-tuned or adjusted to your environmental conditions (ground-balance, humidity, etc.). Follow this procedure if your Little Wizard is displaying any of the following problems: doesn't beep, continuously beeps, works intermittently, not sensitive enough, or if you cannot set a working point. Turn the unit on by rotating the on/off/adjustment dial about half way. If the unit IS beeping, rotate the adjustment screw counter-clockwise until the beeping just stops. If the unit IS NOT beeping, rotate the adjustment screw clockwise until the beeping starts, then back off just to where the beeping stops. The unit is now fine-tuned. Test the unit on some visible metal to verify that it is working properly. **For additional help please see tuning video at [LittleWizard.com](http://LittleWizard.com)...**

## **Features:**

- Easy Operation
- High Impact Plastic Case
- Built to operate under rugged conditions

## **Specifications:**

- Operating frequency: 90 Khz
- Weight: 5.7 Oz (with battery)

## **Indicators:**

- Speaker, red LED lights.

## **Tuning:**

- Easy Tuning
- Variable sensitivity control

## **Battery:**

- Single 9-Volt Battery (not included)

- Use to locate buried nails, screws and other metal in recycled wood before planing or sawing.
- Prevent costly blade damage.
- Very Easy to use.
- Locates metal instantly.
- Also can be used to find studs inside walls, by detecting drywall screws or nails.
- Great for all types metal detecting.
- Perfect for pinpointing metal.

1 YEAR LIMITED WARRANTY - Wizard Industries warrants this product to the original purchaser that for a period of 12 months from the date of purchase, this product shall be free of mechanical defects in material and workmanship. Our obligation hereunder is limited to repair or replacement, at our option, of this product during the warranty period, provided the product is sent postage pre-paid directly to Wizard Industries. Email Wizard Industries at [info@wizind.com](mailto:info@wizind.com) for a return authorization and further instructions before returning your product.

DO NOT RETURN THIS PRODUCT OT THE PLACE OF PURCHASE; ACTING OTHERWISE MAY DELAY THE PROCESS OF YOUR WARRANTY CLAIM. This warranty does not cover normal wear and tear of parts or damage resulting from any of the following: negligent use or misuse of the product; use contrary to operating instructions; disassembly, attempted repair or alteration by any person other than an authorized service personnel. Product repair or replacement, as provided on the above warranty is your exclusive remedy. Wizard Industries shall not be liable for any incidental or consequential damages for breach of any express or implied warranty on this product. Except to the extent prohibited by applicable law any implied warranty of merchantability or fitness for a particular purpose on this product is limited in duration to the duration of the above warranty. Some states or jurisdictions do not allow the exclusion or limitation on incidental or consequential damages, or allow limitations on how long an implied warranty last, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state. All U.S. Copyright laws apply.

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# LUMBER WIZARD 5<sup>TM</sup>

**Laser-Line Visual Indication**

## ***A Powerful, Precision Automatic Tuning Metal Detector Made For Woodworking***



***Helps prevent costly damage to woodshop equipment***

The Lumber Wizard 5 is the latest version of Wizard Industries' flagship woodworking metal detector. A powerful precision hand-held metal detector designed specifically for woodworkers, it helps detect small metal objects hidden inside new or used lumber. The new version features Automatic Tuning that allows easier use and finer tuning for more precise detection.

Undetected nails, screws or other metal fragments can damage expensive jointer, planer and saw blades. Flying metal can also cause serious injury. Easy to use, the Lumber Wizard 4 helps woodworkers prevent equipment damage and personal injury. The unit includes a beep tone alert, allowing use of the Lumber Wizard 4 with or without the laser activated. The Lumber Wizard has received rave reviews from woodworkers and magazines across the country for over 10 years, and the new version is even better!



- Fully Automatic Tuning
- Bright laser-line indicator
- Helps pinpoint nails, screws, bullets and wire inside new or used lumber
- Helps prevent costly blade damage and shop down time
- Quickly scan any size wood
- Not affected by moisture content of wood
- 6" wide scanning area
- Durable, sturdy plastic casing
- One 9 volt battery required
- 1 year warranty

### **Lumber Wizard 5 Product Specs:**

**UPC Code:** 721633123385

**Wizard Stock Number:** 25550

**Dimensions:** Length 18"; Width 3 1/8"; Height 1 1/8"; Weight 10.3 Oz.

**Color/s:** Black

**Packaging Type:** Clamshell

**Package Dimensions:** Height 21 1/2"; Width 8"; Thickness 2"; Weight 15 Oz.

**Master Carton:** 12 Units, 24" x 12" x 12", 14 lbs

**Types of Metal Detected:** Responds to all types of steel, stainless steel, zinc, magnesium, aluminum, copper, brass, etc.

**Electronics:** Laser-Line Generator Metal Detector. Unit operates with an automatic tuning transmit/receive circuit. Provides precision detection pattern to help prevent false alarms.

**Operating Frequency:** 13 kHz/6,600 Hz

**Power Requirements:** One 9 volt standard alkaline battery. Typical battery life is up to 30 hours depending on use of laser. Battery is not included.

**Switches:** On switch; off switch; laser indicator switch; audio alert switch; and fine tuning adjustment screw.

**Alert Indicators:** Switchable piezo tone alert, switchable laser indicator, earphone jack (earphone not included) and LED light to indicate the presence of metal.

**Sensitivity:** Under ideal conditions, the unit can detect a solid 3" piece of metal up to approximately 6", a large deck screw at up to 4", a medium nail at up to 2 1/2", a paneling nail at up to 2", or a wood staple at up to 1 1/4".

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