



REQUEST FOR QUOTE
RFQ# 16000788
FLIR Radioisotope Identification Device

- 1. Issue Date:** Tuesday, April 19, 2016
- 2. Quote Deadline:** Tuesday April 26, 2016 at 5:00 p.m. MST
State of Idaho Department of Environmental Quality
Purchasing Section
1410 N. Hilton
Boise, ID 83706
- 3. Purchasing Contact:** Carrie Champlin, Buyer
Phone: (208) 373-0251
Fax: (208) 373-0315
Email: carrie.champlin@deq.idaho.gov
- 4. Description:** The State of Idaho, Department of Environmental Quality (DEQ) is requesting quotes for the purpose of providing the Department's INL Oversight Program, 900 North Skyline Drive, Suite B, with One (1) FLIR Radioisotope Identification Device (identiFINDER, model number idF2-NG).
- 5. Purpose:** The intent of this Request for Quote and resulting contract is to obtain firm fixed prices from a qualified vendor to provide all of the equipment listed for the purpose of providing the State of Idaho DEQ/INL Oversight Program with the same radioisotope identification device (RIID) used by State of Idaho first-responders (Regional Response Teams, State Police, and local Fire Departments) for their response to radiological incidents. The Oversight Program is the State's technical resource for radiological emergency response, and is requesting this specific RIID for operational compatibility with first responders for training and actual response purposes. The Department will not consider any quote requesting any additional surcharges or fees other than those allowed in this RFQ. The Department intends to award a purchase order to the successful lowest responsible vendor.
- 6. Brand Specific:** Brand names are for the purpose of describing the standard of quality, performance, and characteristics desired, and are not intended to limit competition. Due to the existing network and configuration of DEQ's Idaho National Oversight Program, the FLIR Radioisotope Identification Device (identiFINDER, model number idF2-NG) will be accepted to maintain consistency.

7. Billing & Delivery:

The State of Idaho Department of Environmental Quality is requesting delivery by May 31, 2016. If your organization is not able to meet this timeline please indicate on the Quote Sheet when the soonest delivery can be completed. All items delivered will be F.O.B. Destination. No administrative or handling fees are to be charged.

Delivery & Billing Location Address:

State of Idaho, DEQ/INL Oversight Program
900 North Skyline Drive
Suite B
Idaho Falls, ID 83402

8. Warranty:

All items quoted must be new and must convey the manufacturer’s full warranty. Also provide location where instrument will be sent for repair and approximate maintenance and repair costs for non-warranty repairs or after warranty expires.

9. Minimum Required Specifications:

9.1 Technology

- 9.1.1 Technology Radioisotope identification device (RIID)
- 9.1.2 Product Variants NG
- 9.1.3 Gamma (NaI) 1.4x2.0 in (35 x 51 mm)
- 9.1.4 Gamma (High Dose Rate) Geiger-Müller
- 9.1.5 Energy Range (Gamma) 20 keV - 3 MeV
- 9.1.6 Gamma Spectrum 1024 channels; 3 MeV
- 9.1.7 Dose Rate / Accuracy (Cs-137) 0 nSv/h - 10.00 mSv/h (0 nrem/h - 1.0 rem/h); ±30 %
- 9.1.8 Scintillator Dose Rate Range 0 nSv/h - 500 µSv/h (0 nrem/h - 50 mrem/h)
- 9.1.9 Geiger-Müller Dose Rate Range 100 µSv/h - 10 mSv/h (10 mrem/h - 1.0 rem/h)
- 9.1.10 Dose Range 0 nSv - 1 Sv (0 nrem - 100 rem)
- 9.1.11 Overload Dose Rate Range 10 mSv/h - 1 Sv/h (1.0 rem/h - 100 rem/h)
- 9.1.12 Stabilization Calibration source
- 9.1.13 Typical Resolution ≤8 % FWHM
- 9.1.14 Service Interval 5 year factory maintenance

9.2 Sampling & Analysis

- 9.2.1 Sample Introduction Absorption of EM gamma or neutron emission
- 9.2.2 Threats Detects neutron or gamma radiation emitted from natural occurrences in the environment, special nuclear material, industrial, or medical material
- 9.2.3 Nuclide Identification According to ANSI N42.34
- 9.2.4 Sampling & Analysis From a few seconds to minutes

9.3 System Interface

- 9.3.1 Display & Alerts Transflective color LCD
- 9.3.2 Communication USB 2.0; micro-B socket
- 9.3.3 Data Storage 2GB internal memory; up to 600,000 spectra
- 9.3.4 Training Requirements <10 mins for operator; 1 day for advanced user
- 9.3.5 GPS (removable) 12-channel SiRF III receiver
- 9.3.6 Software On-board webserver software

9.4 Power

- 9.4.1 Input Voltage 100-240 VAC (wall and car adapters and USB cable supplied)

9.4.2	Battery Specs	Either rechargeable NiMH (supplied) or 4x AA pack (supplied); ≥8h operational battery life; recharge ≤4h when using AC; recharge >4h when using USB
9.4.3	Cold Start Time	<2 mins from cold start
9.5	Environmental	
9.5.1	Operating Temp	-4 to 122 °F (-20 to 50 °C)
9.5.2	Operating Humidity	10 to 80%
9.5.3	Storage Temp	14 to 95 °F
9.6	Physical Features	
9.6.1	Dimensions (L x W x H)	≤3.7 x 10.6 x 3.2 in (9.4 x 26.9 x 8.1 cm) - with battery
9.6.2	Weight	≤3.2 lbs (≤1.5 kg)
9.6.3	Enclosure & Protection	Aluminum housing; protection rating IP53 according to IEC 60529

10. PRICING AND QUOTE SUBMISSION:

Enter your Total Cost on the **Quote Price Sheet**, and e-mail, mail, hand-deliver/courier or submit your quote via IPRO (<https://purchasing.idaho.gov/iprologin.html>) so that it is received at the Department of Environmental Quality prior to the deadline for closing. If submitting via IPRO enter your "TOTAL COST" in IPRO and UPLOAD the **Quote Sheet**, along with any other required documents.

If submitting your quote manually (any method *other than* via IPRO), you must also submit a completed State of Idaho Signature Page in order for your quote to be considered.

Include descriptive literature, drawings or other materials which demonstrate that your offer meets the specifications detailed in this RFQ.

11. AWARD:

Award will be made to the responsive responsible vendor with the lowest Total Cost

List of Required Attachments:
Exhibit A-Quote Price Sheet-page 4
DEQ Signature Page

This Quote Price Sheet must be submitted with all quotes, whether the submission is manual or electronic through the Idaho eProcurement System (IPRO).

**Exhibit A-Quote Sheet
RFQ# 16000788
FLIR Radioisotope Identification Device**

Item	Description	Quantity	Price
1	FLIR Radioisotope Identification Device (identiFINDER, model number idF2-NG) (specifications including FOB Destination described in Section 7 & 9)	1	

**Award will be "all or nothing" meaning line items will not be awarded separately.
If quoting items different from brand specified please provide product literature and specifications.**

Estimated Delivery Date for items quoted: _____

VENDORS BUSINESS NAME _____

Vendors Federal EIN _____

Name of Person Quoting _____

Signature of Person Quoting _____ Date _____

Email Address _____

Address _____ City _____ ST _____

Zip Code _____

Phone number _____ Fax number _____

Respond via WebProcure/IPRO (<https://purchasing.idaho.gov/iprologin.html>) with the quote sheet (page 4), or Fax/email quote sheet back to Carrie Champlin (Fax #208-373-0315) email carrie.champlin@deq.idaho.gov **by 5:00 p.m. MST April 26, 2016** with the DEQ Signature Page (attached on IPRO RFQ) All quotes received after this date and time may result in the quote being "non-responsive." Thanks for your participation in this quote. For questions regarding this Request for Quotation please call Carrie Champlin at 208-373-0251.