

PROCUREMENT OF NARCOTICS SCANNERS

Anti-Narcotics Force invites sealed bids from eligible, registered firms for the supply of **Narcotics Detection Equipment** in accordance with rules of the Public Procurement Regulatory Authority.

- **Lot 1:** Fume / Vapor Detector (Quantity: 7)
- **Lot 2:** Handheld Narcotics Analyzer (Quantity: 1)
- **Lot 3:** Full Body Scanner System (Quantity: 3)
- **Procurement Method:** Single Stage – Two Envelope
- **Bid Submission Deadline:** 23 April 2026
- **Bid Opening (Technical):** 23 April 2026 - 1100
- **Bid Validity:** 90 days

Bidding documents can be obtained from EPADS and the office of Dy Director Aviation, HQ Anti Narcotics Force, Opposite Old Airport, Rawalpindi

1. Instructions To Bidders Bidders may quote for **one, multiple, or all lots**. Separate **technical & financial proposals are required**. Financial bids of technically disqualified firms will not be returned unopened. Prices must include all taxes, duties, installation, and training. All Bids will be **submitted on EPADS** as well as in hardcopy in HQ ANF. Bids must be submitted in **two separate sealed envelopes**; Envelope 1: Technical Proposal, Envelope 2: Financial Proposal (Both envelopes should be clearly marked). **Bid Security:** 2% of total bid value (refundable). Late bids will not be accepted and all applicable taxes must be included.

2. Eligibility Criteria Bidders must be registered with **FBR (NTN & GST)**, on Active Taxpayer List (ATL), having at least **3 years' relevant experience**, provide **authorization from manufacturer** (if not OEM), provide proof of after-sales support capability in Pakistan and not be blacklisted by any government entity. Offered equipment should be operational / in service in market / well reputed organizations.

3. Technical Specifications

Lot 1: Fume / Vapor Detector (Reference: IONSCAN 600 or Equivalent)

- **Minimum Required Specifications:** Ion Mobility Spectrometry (IMS), Explosives & narcotics vapors / particles, Nanogram level detection, Analysis time: ≤ 8 seconds, Touchscreen / simple operator interface, Audible & visual alerts, Automatic/internal calibration, Bench-top, compact design, 220–240V AC, International compliance (e.g., CE, ISO). **Accessories:** Sampling swabs, Calibration kits and starter consumables.

Lot 2: Handheld Narcotics Analyzer (Reference: Rigaku CQL NARC-ID 1064nm or Equivalent)

- **Minimum Required Specifications:** Raman Spectroscopy, **Wavelength:** 1064 nm (for fluorescence mitigation), Handheld / portable, Identification of narcotics, precursors, and suspicious substances, Built-in expandable spectral library (drugs, explosives optional), Ability to scan through plastic/glass packaging, Touchscreen with simple operation, **Result Time:** ≤ 1 minute, Internal storage with USB/export capability, Rechargeable battery, minimum 4–6 hours operation, Laser safety compliance (Class I or equivalent safe operation), Calibration standard/reference material.

Lot 3: Full Body Scanner System (Reference: LINEV COMPASS DV FULL SCANNER or Equivalent)

- **Minimum Required Specifications:** X-ray transmission / backscatter or equivalent, Detection of concealed contraband (drugs, weapons, explosives), Scan Time: $\leq 10\text{--}15$ seconds per person. Throughput: High ($\geq 200\text{--}300$ persons/hour), Automatic threat detection / image enhancement, Compliant with international standards (IAEA / IEC), Dose Level: Ultra-low, safe for human screening, Operator Console: Dual monitor system, Data Storage: Scan archive & retrieval.

4. Warranty & Support: Minimum **1 year comprehensive warranty**, Local service support required, Spare parts availability (minimum 5 years), Operator training included.

5. Delivery & Completion Delivery Time: Within **6 weeks** after issuance of Purchase Order. Installation (in any RD's AOR), commissioning, testing, onsite training and after sales maintenance and support must be included.

6. Terms & Conditions Payment: After delivery & inspection (or as per contract). Penalty: 0.1% per day for delayed delivery (max 10%), Performance Guarantee: 10% of contract value, procuring agency reserves the right to accept /reject any or all bids as per PPRA rules.

FUME / VAPOR DETECTOR
(IONSCAN 600 or Equivalent)

Quantity Required: 7

Technology	Ion Mobility Spectrometry (IMS) with non-radioactive ionisation
Sampling	Trace particle sampling using cost effective, single-use swabs with either manual or wand collection
Ionization Source	Non-radioactive, long-life design
Explosives detection	Military, commercial and home-made explosives including EGDN, HMTD, HMX, NG, PETN, RDX, TATP, Tetryl, TNT and others
Narcotics detection	Amphetamine, cocaine, heroin, ketamine, MDMA, methamphetamine, buprenorphine, THC, fentanyl, carfentanyl, W-18, Spice/K2, and others, library should be upgradeable
Consumables	Cost-effective single use swab and verification pen
Analysis time	8-12 seconds or less
Warm-up time	Less than 10 minutes
Connectivity	Ethernet; 4x USB 2.0
Battery	Integrated Lithium-ion for 1-hour full operation; hot swap batteries allow extended operation time
Printer	Integrated thermal printer (option at time of order only) or external USB printer
Data display	25.7cm (10.1") high resolution, anti-reflective, colour touch-screen
Weight	Non-printer version: 10.8kg (23.8lbs) Integrated printer version: 11.5kg (25.4lbs)
Dimensions (L x H x D)	Non-printer version: 37.2 x 30 x 32.7cm (14.6" x 11.8" x 12.9") Integrated printer version: 37.2 x 39.3 x 37.5cm (14.6 x 15.4 x 14.8in)
Operating temperature	-10 to +50°C (14 to 122°F)
Operating altitude	Explosives up to 3,048m (10,000ft) and Narcotics up to 2,438m (8,000ft)
Operating humidity	0 to 95% non-condensing
Certifications	TSA, ECAC, CAAC, IPMO
Calibration	Automatic Internal Self Calibration
Alarm Method	Substance Visual Identification with configurable audio alarm
Power	100-240 VAC, 50-60Hz
Storage Capacity	250,000 Samples

HANDHELD NARCOTICS ANALYZER
(Rigaku CQL NARC-ID 1064nm or Equivalent)

Quantity Required: 1

Size	18.5 cm x 15 cm x 7.9 cm (7.28 in x 5.9 in x 3.11 in)
Weight	1.7 kg (3.7 lbs)
Laser Wavelength/Max Power	1064 nm / 350mW
Spectral Resolution	~6-13 cm ⁻¹
Spectral Range	200-2500 cm ⁻¹
Spectrometer Type	Transmissive Volume Phase Grating
Detector	TE Cooled InGaAs - 512 pixel
Operating Temperature	-20°C to 50°C Intermittent, +40°C Continuous
Battery Type	7.2 V Li-ion, 3400mAH, >5 hours
Adjustable Laser Power (Auto Mode)	10, 25, 50, 75, 100%
Scan Mode	ChemGuard™ (screener)
Spectral Library Size	1200+ items
Included Libraries	Cutting Agent, Narcotic, Narcotic Precursor, Pharmaceutical, Solvent, Steroid
Device Result Types	Alarm, Warning/Precursor, Cutting Agent/Benign, Container
Laser Safety Features	Laser Passcode, Scan Delay Timer, and Scan Timeout
Environmental Ruggedness	IP-68 & MIL810G
Connectivity to Desktop or Mobile Device	Waterproof USB-Type C / Wi-Fi / Peer-to-Peer
Additional Features Required	
<ul style="list-style-type: none"> • Auto Collection Mode • Configurable Library Categorization • QuickDetect™ Trace Colorimetric Detection • 4C Precursor Monitoring • Touchscreen • Adjustable Nose Cone (0mm -5.5mm) • User Login Privileges • Ability to Add Materials to User Library • On-board 5MP camera with LED flash • Self Test Reference Standard 	

FULL BODY SCANNER SYSTEM

(LINEV CONPASS DV FULL SCANNER or Equivalent)

Quantity Required: 3

Scan Settings	
Scan time	5 – 15 sec
Dose per scan	from 0,25 μ Sv
Wire Detectability	Up to 40 AWG
Minimum Throughput	240 scans per hour
Dimensions	
Width	1850 mm
Height	2350 mm
Length	2260 mm
Weight (maximum)	650 kg
Power	
Power Requirements	120 VAC / 20 A
Consumption	1 kVA maximum
Detection Paraphernalia	
<ul style="list-style-type: none"> • Explosives solid or liquid • Cavity detection • Weapons guns and knives • Electronics and cell phones • Narcotics and drugs • Precious stones • Ceramic and plastics 	
Other Desired Specifications	
<ul style="list-style-type: none"> • Superior High Quality Images • Fast Scan Acquisition Time • Contraband Detection Software • Real Dual View • ANSI/HPS N43.17-2009 • Modular Design 	
Software / Detection Support	
<ul style="list-style-type: none"> • AI Automated Threats Detection • DruGuard Automated Narcotics Detection Software • Library should be upgradeable 	
Accessories Required	
<ul style="list-style-type: none"> • X Ray Shield for operator • Integrated Passport Reader • Integrated Dosimeter • Integrated Face Camera 	