



"SAY NO TO CORRUPTION"
PAKISTAN MINERAL DEVELOPMENT CORPORATION
HEAD OFFICE, 13-H-9, ISLAMABAD, 44790

Tender for the Supply of Handheld XRF Analyser (01 Nos.) Along with Complete Accessories and User Training

Pakistan Mineral Development Corporation (PMDC) is an autonomous corporation under the administrative control of Ministry of Energy (Petroleum Division), Government of Pakistan. PMDC invites bids from eligible, reputable, and experienced firms for the supply of following items:

| Lot. No. | Details of Work | Qty |
|----------|--|--------|
| 1. | Handheld XRF analyser (01 Nos.) along with complete accessories and user training as mentioned in work scope/tender document | 01 Lot |

The firms shall submit bids in accordance with the instructions contained in tender documents alongwith bid money of Rs. 500,000/- electronically through EPADS on or before December 29, 2025, at 11 AM. The opening of tender will take place on the same date at 11:30 AM, with the participation of representatives from interested firms (if interested). This advertisement is also available on PPRA website.

Note:-

1. Original Bid Security Instrument Must Be submitted to undersigned, before the online submission deadline of the bid; otherwise, respective bid will not be opened.
2. In case of any technical difficulty in using EPADS, prospective bidders may contact PPRA Office, 1st floor, FBC building Sector G-5/2, Islamabad. Contact Number 051-111-137-237.

DGM (Procurement) PMDC HO, Islamabad. Ph No.051-9265128

Ddm-pro@pmdc.gov.pk



**PAKISTAN MINERAL DEVELOPMENT
CORPORATION**

Head Office, 13-H-9, Islamabad-44790

Tender for Handheld XRF ANALYSER

Electronic bids are invited from the interested parties/contractors registered with income Tax Department and PRA (Punjab Revenue Authority) for the Supply of Handheld XRF analyser. Details of work are as under: -

Work scope:

| Lot. No. | Details of Work | Qty | Total Amount in Rs. (Inclusive of All Taxes) for complete lot/package including training etc. |
|----------|--|--------|---|
| 1. | Handheld XRF analyser (01 Nos.) along with complete accessories and user training as mentioned work scope. List of quoted accessories to be provided. (Specifications As per Annexure-I) All items to be quoted as one lot/package on lumpsum basis) | 01 Lot | |

The supplier will provide:

1. Supply and delivery of the handheld XRF analyzer with all necessary accessories directly to PMDC Head Office, Islamabad.
2. Calibration standards (Certified Reference Materials suitable for mining and geological applications).
3. Final Commissioning, training, and demonstration for PMDC officers at PMDC Head Office, Islamabad to ensure proper operation, data collection, and sample analysis. Any cost related to boarding and loading of trainer/bidder team will be paid by bidder.
4. The offered handheld XRF analyzer shall meet or exceed the technical specifications listed below. The unit must be capable of full-range elemental analysis from Mg to U, with explicit high sensitivity for light elements (Mg, Al, Si) suitable for field and laboratory applications. The supplier must provide the manufacturer's datasheet, performance specifications (detector resolution, tube parameters, LODs for light elements), and calibration certificates along with the bid.
5. The supplier shall offer the latest available technology / latest generation handheld XRF analyzer meeting these specifications. Older, discontinued, or previous-generation models will not be accepted.

6. Training must include:

- Operation of the instrument in field and laboratory settings
- Performing calibrations and QA/QC procedures
- Software/data export for GIS and LIMS compatibility
- Safety procedures and instrument maintenance
- Trainer must have valid certification from OEM to conduct the training of offered equipment.

7. Operational support and troubleshooting: Supplier shall provide technical assistance and resolve any instrument-related issues during official office hours throughout the warranty period of two years.

8. Operation and maintenance manuals in English.

General Terms and Conditions:

1. Electronic Bid must be submitted on EPADS on or before **December 29, 2025 at 11:00 AM**, which will be opened on the same day at **11:30 AM** in the presence of bidders or their representatives who desire to participate. All quoted prices (Unit Rate / Total or any other) should be inclusive of all taxes.

1. Bid Money of **Rs 500,000 /-** in the form of pay order/demand draft made in the name of Pakistan Mineral Development Corporation on account of bidder from any scheduled bank shall accompany the bid/tender. Tender with less or without bid money (in the form of pay order/demand draft) or pay order/demand draft without the name of bidder shall not be considered.

2. Amount of bid money and security money will not be accepted through cheques. Amount already available with PMDC on behalf of the tenderer for any other purpose will not be substituted for the purpose of bid money/security money/performance guarantee against this tender.

3. Successful tender will be required to deposit security money equal to 10% of the total contract value. If bidder agrees, bid money already deposited will be converted into security deposit while balance amount shall have to be deposited to maintain the Security deposit @ 10% of the total value which will be refunded after completion of one year of delivery on submission of performance warranty undertaking on the letterhead of bidder that will remain valid for further one year to complete the required warranty period of two years from the date of supply at PMDC Head office.

4. Tender will be evaluated on least cost basis for technically responsive bids. Bidders meeting/submitting all mandatory required documents/details, relevant experience, technical specifications as detailed in the annexure, will be considered technically responsive. Among the technically responsive bidders, the contract will be awarded to the bidder offering the lowest evaluated price.

5. Bidder must have valid distribution/authority letter from manufacturer/OEM along after sales/repair/calibration services in Pakistan. Copy of evidence to be shared along bid. Bid submitted without OEM authority letters will be considered technically nonresponsive.
6. Bids should remain valid for a period of 90 days from the date of opening of tenders. In case no specific date of validity is mentioned in the offer, it will be presumed to be valid for a period of 90 days from the date of opening of tender.
7. Tenderers have the option to bid on their own letterhead pads, but the attached schedule must be accompanied duly signed and returned complete in all respects with the tender.
8. Incomplete, unsigned and optional tenders shall not be considered.
9. Tenders with over-writing, cutting or conditional or by fax or email shall not be accepted.
10. Only un-conditioned bids conforming to the terms and conditions (as stated in bidding document) shall be eligible for consideration/ acceptance.
11. In case, order is placed within the validity period, escalation in prices will not be considered and any bidder asking for increase in the prices after the order has been placed within the validity period will render himself liable for blacklisting and forfeiting/confiscation of his performance guarantee and bid money.
12. The tender for the supply / work will be completed / delivered at PMDC Head Office, Islamabad.
13. The authorized representative of the bidder/bidding firm will only be allowed to sit in the tender opening on presentation of authority letter from the bidder/bidding firm issued in favor of representative to participate in the specific tender.
14. The Firm/Contractor should have 03 years' experience in relevant supply with Govt. departments or other organizations/companies. Proof of experience/work order should be attached along bid. Non submission of evidence or irrelevant submission will be considered nonresponsive.
15. Firm/Contractor or any its subsidiary firms or of its directors/owners or any their relatives' parents, children, brother, sister) should not be under litigation with PMDC in any local or foreign court law.
16. Firm/Contractor or any of its subsidiary firms or of its directors/owners or any their relatives' parents, children, brother, sister) should not have any ongoing, under resolved business dispute with PMDC, PMDC shall be sole judge of fulfillment of this requirement.
17. In case of any dispute regarding this purchase order, the same will be resolved between the relevant parties through negotiations. If negotiations fail, then matter will be referred to the Arbitrator. The MD, PMDC will act as sole Arbitrator as per Arbitration Act, 1940. Decision/award of Arbitrator will be final and binding on both parties.
18. Tenders are advised to read the terms and conditions of Tender Enquiry along with the specification/ TORs carefully before offering their bids/offers.

19. The tenderer/supplier will be blacklisted who is found to the tender process by making coercive practices, collusive practices, corrupt practices, fraudulent practices & obstructive practices.

20. I agree to the above terms and conditions and give my acceptance.

21. Checklist of documents to be attached.

Signature of tenderer: _____

Name of tenderer: _____


(Sajid Hussain)
DGM (Procurement)
Phone No. 051-9265128

Check List

| Sr. No. | Description | Yes | No |
|---------|---|-----|----|
| 1 | Bid Money of Rs. 500,000/- is being deposited/submitted through D.D/Pay Order. | | |
| 2 | Copy of CNIC and Authority Letter. | | |
| 3 | Copy of registration certificate and active status with FBR department. | | |
| 4 | Copies of relevant experience certificate and work orders not less than 3 years. | | |
| 5 | Affidavit of litigation. | | |
| 6 | Affidavit regarding no dispute with PMDC. | | |
| 7 | Copy of authority/distribution letter from Supplier/OEM | | |
| 8 | Copy of list having details of offered accessories along XRF | | |
| 9 | Copy of bidder undertaking that they will provide free of cost post sale services/calibration etc. for two years from supply date | | |
| 10 | Copy of Brochure. | | |

Tenderer/Bidder Signature

Annexure I

Technical Specifications

The handheld XRF analyzer must meet the following minimum specifications:

| Handheld XRF Analyzer | |
|---|--|
| Manufacturer: Must be European Origin | |
| Model | |
| <ul style="list-style-type: none">• Premium 4W Rhodium (Rh) thin window X-ray tube based 50kV handheld XRF analyzer. Wide Range X-Ray Generator 6-50kV with 200µA max. current• | |
| <ul style="list-style-type: none">• Automated five (5) position primary beam Filter changer with four (4) pre-fitted filters optimize d for Alloys, Restricted Materials, Plastic and Geo | |
| <ul style="list-style-type: none">• Desktop stand for the testing of samples in lab and field | |
| <ul style="list-style-type: none">• Large area silicon drift detector and optimized high count rate DPP and Graphene Window for enhanced light element performance | |
| <ul style="list-style-type: none">• Highest Performance Light Element excitation and detection, Capable of detecting elements from Magnesium (Mg) to Uranium (U) | |
| <ul style="list-style-type: none">• Equipped with the Detector Shield protects from detector puncture, No decrease in analytical performance even in light elements. Should be able to withstand a force of over 50 N on the point of a dart tip. | |
| <ul style="list-style-type: none">• Detector: Graphene window SDD, 20mm² active area Typical resolution < 145eV at 450kcps | |
| <ul style="list-style-type: none">• Features the SharpBeam optical beam path for best performance at lowest power settings | |
| <ul style="list-style-type: none">• IP54 rated industrial grade molded housing with no-slip rubberized grip and contour housing protection | |
| <ul style="list-style-type: none">• High performance and contrast daylight visible TFT LCD 3.7" touchscreen display | |
| <ul style="list-style-type: none">• Operating system embedded software with multilingual support | |
| <ul style="list-style-type: none">• Measurement and testing modes include: Pass/Fail, Grade ID and Chemistry mode | |
| <ul style="list-style-type: none">• Wi-Fi, Bluetooth™ and USB connectivity | |
| <ul style="list-style-type: none">• Includes 2 high performance Li-Ion batteries with ventilated smart charger | |
| <ul style="list-style-type: none">• Min 16GB USB stick for data storage and easy reporting | |
| <ul style="list-style-type: none">• 5 spare protective PROLENE windows | |
| <ul style="list-style-type: none">• Waterproof and pressure equilibrated PELICAN transport case | |
| <ul style="list-style-type: none">• Weight 1.5 kg (3.3 lbs) with battery | |
| <ul style="list-style-type: none">• Including all related GeoExploration and mining application packages | |

Warranty, After-Sales Service, and Support

1. Minimum 02-year warranty covering parts, labor, and calibration without any cost to PMDC.
2. Supplier must provide on-site training and developed SOPs for PMDC officers who will operate the instrument.
3. Supplier must ensure instrument calibration and verification at PMDC site prior to acceptance.

Technical support: Supplier shall provide timely troubleshooting and issue resolution during official office hours via phone, email, or online communication under warranty period of two years.

End of document