



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

**Invitation of E-Bid**

Pakistan Mineral Development Corporation is an autonomous corporation under the administrative control of Ministry of Energy (Petroleum Division), Government of Pakistan invites electronic bids from the interested parties/suppliers registered with Sales Tax/Income Tax Department, Punjab Revenue Authority (PRA) and which are on active taxpayer list of the Federal Board of Revenue (FBR) & if applicable, for Procurement/Supply/Installation of following Equipment/Item with accessories at PMDC Head Office, Islamabad:-

Lot. No.	Details of Equipment/Item	Quantity
1.	Handheld XRF analyser (01 Nos.) along with complete accessories and user training as mentioned work scope. List of quoted accessories to be provided. <b>(Specifications As per Annexure-I)</b> <b>All items to be quoted as one lot/package on lumpsum basis)</b>	01

E-Bidding documents containing detailed terms and conditions, method of procurement, bid security, opening of bid, etc. are available electronically and can be downloaded from EPADS/PPRA Website: <http://eprocare.gov.pk> free of cost.

The electronic bids prepared in accordance with instructions in the bidding documents along with bid money of **RS. 500,000/-** in the shape of demand draft/payorder in the name of Pakistan Mineral Development Corporation on account of bidder must be submitted by using EPADS on or before **09.02.2026** at 11:00 AM. The technical proposal opening will take place on the same date at **11:30 AM**, in the presence of participants who may desire to attend the tender opening at PMDC Head Office, Islamabad. Whereas the financial proposal of only qualified firms will be opened later. The bidding process will adhere to the Quality and Cost Method procedure as per PPRA Regulation, 2010.

Note :-

1. Original Bid Security must be submitted to Undersigned before the online submission deadline of the bid. Otherwise the respective bid will not be opened.
2. In case of any technical difficulty in using EPADS, prospective bidders may contact PPRA Office, 1<sup>st</sup> floor, FBC Building, Sector G-5/2 Islamabad. Contact No. 051-111-137-237.

**Dy. General Manager(Procurement)**  
**PMDC Head Office, H-9/4, Islamabad**  
**Phone: 051-9265128**







**PAKISTAN MINERAL DEVELOPMENT  
CORPORATION**

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

Ref No. PMDC/ Tender Enquiry No. PMDC/PROC-XRF Analyzer/HO/  
DUE FOR OPENING ON: 09.02.2026 AT 11:30 AM

**TENDER FOR HANDHELD XRF ANALYSER**

Electronic bids on Single Stage – Two Envelope Method are invited from the interested parties/contractor/Suppliers registered with income/Sale Tax Department (FBR) and PRA (Punjab Revenue Authority) if applicable, for the Procurement/Supply & Installation of Handheld XRF analyser. Details of work are as under: -

**Work scope:**

Lot. No.	Details of Work	Qty	Total Amount in PKR. (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. <b>(Specifications As per Annexure-I)</b> <b>All items to be quoted as one lot/package on lumpsum basis)</b>	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. Installation, 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.
  - 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.

#### **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 training and developed SOPs for PMDC officers who will operate the instrument.
3. Supplier must ensure instrument calibration and verification at PMDC prior to acceptance.

**Technical Support:** Supplier shall provide timely troubleshooting and issue resolution during official office hours via phone, email, or online communication. OEM letter required for this effect that the offered equipment is latest available version and OEM has no planning to discontinue it/its spares supply in next 05 years.

#### **General Terms and Conditions:**

1. Electronic Bid must be submitted (Single Stage – Two Envelope Method) on EPADS on or before **February 09, 2026 at 11:00 AM**, Technical proposals will be opened on the same day at **11:30 AM** in the presence of bidder or their authorized representative. Financial proposals of firms passing the minimum threshold of 65% weightage will be opened later and financial proposals of unsuccessful firms will remain unopened.
2. The criteria adopted by PMDC for the award of this assignment is the Quality and Cost Based Selection (QCBS) method, in accordance with the PPRA Regulations, 2010, through a single-stage, two-envelope bidding process.
3. 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.





4. 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.
5. Financial Proposal/quoted rates should be in PRK and must be inclusive of all Government taxes.
6. Successful tender will be required to deposit security money equal to 10% of the total contract value. 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.
7. 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.
8. 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.
9. 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.
10. Incomplete, unsigned and optional tenders shall not be considered.
11. Tenders with over-writing, cutting or conditional or by fax or email shall not be accepted.
12. Only un-conditioned bids conforming to the terms and conditions (as stated in bidding document) shall be eligible for consideration/ acceptance.
13. 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.
14. The tender for the supply / work will be completed / delivered at PMDC Head Office, Islamabad.
15. 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.
16. 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.





17. 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.
18. 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.
19. 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.
20. In case of non-completion of assignment as per agreed timelines after signing of agreement, firm will be liable to be blacklisted and PMDC reserves the right to take legal action in court of law including the reimbursement of any paid advances and cost incurred.
21. Payment will be made within 30 days of job completion or as agreed in final contract. All applicable taxes, as per prevailing rates at the time of payment, will be deducted accordingly.
22. Tenders are advised to read the terms and conditions of Tender Enquiry along with the specification/ TORs carefully before offering their bids/offers.
23. 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.
24. I agree to the above terms and conditions and give my acceptance.
25. Checklist of documents to be attached.

Signature of tenderer: \_\_\_\_\_

Name of tenderer: \_\_\_\_\_



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



## Annexure I

### Technical Specifications

The handheld XRF analyzer must meet the following minimum specifications:

Handheld XRF Analyzer
Manufacturer: USA/ Malaysia
Model: The offered model must be the latest version, not older than 5 five years from the date of submission.
<ul style="list-style-type: none"><li>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.</li></ul>
<ul style="list-style-type: none"><li>Automated five (5) position primary beam Filter changer with four (4) pre-fitted filters optimized for Alloys, Restricted Materials, Plastic and Geo</li></ul>
<ul style="list-style-type: none"><li>Desktop stand for the testing of samples in lab and field</li></ul>
<ul style="list-style-type: none"><li>Large area silicon drift detector and optimized high count rate DPP and Graphene Window for enhanced light element performance</li></ul>
<ul style="list-style-type: none"><li>Highest Performance Light Element excitation and detection, Capable of detecting elements from Magnesium (Mg) to Uranium (U)</li></ul>
<ul style="list-style-type: none"><li>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.</li></ul>
<ul style="list-style-type: none"><li>Detector: Graphene window SDD, 20mm<sup>2</sup> active area Typical resolution &lt; 145eV at 450kcps</li></ul>
<ul style="list-style-type: none"><li>Features the SharpBeam optical beam path for best performance at lowest power settings</li></ul>
<ul style="list-style-type: none"><li>IP54 rated industrial grade molded housing with no-slip rubberized grip and contour housing protection</li></ul>
<ul style="list-style-type: none"><li>High performance and contrast daylight visible TFT LCD 3.7" touchscreen display</li></ul>
<ul style="list-style-type: none"><li>Operating system embedded software with multilingual support</li></ul>
<ul style="list-style-type: none"><li>Measurement and testing modes Include: Pass/Fail, Grade ID and Chemistry mode</li></ul>
<ul style="list-style-type: none"><li>Wi-Fi, Bluetooth™ and USB connectivity</li></ul>
<ul style="list-style-type: none"><li>Includes 2 high performance Li-Ion batteries with ventilated smart charger</li></ul>
<ul style="list-style-type: none"><li>Min 16GB USB stick for data storage and easy reporting</li></ul>
<ul style="list-style-type: none"><li>5 spare protective PROLENE windows</li></ul>
<ul style="list-style-type: none"><li>Waterproof and pressure equilibrated PELICAN transport case</li></ul>
<ul style="list-style-type: none"><li>Weight 1.5 kg (3.3 lbs) with battery</li></ul>
<ul style="list-style-type: none"><li>Including all related GeoExploration and mining application packages</li></ul>
<ul style="list-style-type: none"><li>Must come with required software.</li></ul>





## TECHNICAL EVALUATION CRITERIA-XRF Analyzer

Criteria	Sub-Criteria/Details	Maximum Marks	Obtained Marks	Scoring Guidelines
<b>Origin &amp; Manufacturer</b>	Equipment from reputable/manufacturer with proven track record of previous supply in Pakistan  Copy of work orders and OEM letter to be attached for the origin of offered equipment	20		Authorized Distributor/Agent from USA/EU OEM: 20  Other:10 marks
<b>Model &amp; Technologies</b>	Latest Model, not older than 5 years. Advanced Technology features (e.g., Rhodium tube, wide kV range, automated filters)	20		Latest model <=5 years old:20 Older than 5 years: 0  Copy of OEM letter to be attached for confirmation
<b>Technical specification</b>	Tube power, kV range, filter options, detection limits Software features and reporting capabilities	30		Fully meets all specifications as per tender document:30 Meets $\geq 80\%$ of specs: 20 Meets < 80%: 10
<b>Warranty &amp; Service</b>	Warranty Period, availability of service & Spare parts, local support	10		2 years warranty with local support for after sales:10 No marks for less than two year warranty
<b>Compliance &amp; Certifications</b>	CE/FDA/ISO compliance safety certificates	10		Fully compliant:10 Partially compliant:5 Copies of relevant certificates to be attached
<b>Delivery Time &amp; Training</b>	Delivery schedule along training from OEM certified/trained trainer	10		Delivery: 8 ~ 10 Weeks of purchase order issuance along training from OEM certified trainer: 10
<b>Total</b>		<b>100</b>		

**Note:** Technical Qualification status shall be decided based on overall score obtained by the applicant(s). The applicant must secure at least **65 % score** to proceed with the opening of financial proposal. Percentage weight of technical proposal will be 80 % and financial proposal will be 20 %.



## FINAL EVALUATION CRITERIA

Technically qualified/successful Bidders(s) shall be called for opening of the Financial Proposal(s). The technically Eligible/Successful Bidders(s) or their authorized representatives shall be allowed to take part in the Financial Proposal(s) opening if they desire.

The formula for determining the financial scores is as follows:

Formula:  $FS = 100 \times FM / F$

Where FS is the Financial Score; FM is the Lowest Price and F is the Price of the Proposal under consideration.

The weights given to the Technical (T) and Financial Proposals (F) are:

T = 0.80 and F = 0.20

For example:  $T = 80 \times 80\% = 64$

$FS = 100 \times 5M + 8M = 62.5 \times 20\% = 12.50$

Total Score:  $T + FS = 64 + 12.50 = 76.50$

Applicant(s) with the highest total score will be considered further for Contract.





### Check List

Sr. No.	Description	Yes	No
1	Bid Money of Rs. 500,000/- is being deposited/submitted through D.D/Pay Order in the name of <b>Pakistan Mineral Development corporation Islamabad.</b>		
2	Copy of CNIC and Authority Letter.		
3	Copy of registration certificate and active status (NTN & STRN) 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**

**End of document**