



PMDC
PAKISTAN MINERAL DEVELOPMENT CORP.

Head Office

Plot No: 13, Sector H/9, Islamabad 44000,
Pakistan.

Tel: 9265123-24

E-mail: info@pmdc.gov.pk

www.pmdc.gov.pk

Say No to Corruption

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 on Single Stage – Single Envelope Method from the interested Parties/contractors having valid registration with Federal Board of Revenue (FBR)/Respective Revenue Boards for income tax & sales tax and who are on active taxpayer list (Income & Sales Tax) of the Federal Board of Revenue (FBR)/Respective Revenue Boards for **“Supply, Installation, Testing & Commissioning of Hybrid Solar Systems for PM Bungalow & Guest House at PMDC Collieries, Sharigh”**

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: <https://eprocure.gov.pk> free of cost.

The electronic bids, prepared in accordance with the instructions in the bidding document along with bid money amounting to **Rs.100,000/-** in the shape of demand draft/pay order in the name of Pakistan Mineral Development Corporation on account of bidder must be submitted by using EPAD on or before **10.06.2026 at 03:00 PM**. Tenders will be opened on **EPADs (1.0)** on the same date at **03:30 PM** in the presence of participants who may desire to attend the tender opening.

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.

AVP (Procurement)
PMDC Head Office, H-9/4, Islamabad
Phone: 051-9265128
E-mail: dgm-pro@pmdc.gov.pk





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**Tender Enquiry No. PMDC/PRCO/Solar/Sharigh
DUE FOR OPENING ON: 10.06.2026 at 03:00 PM**

Electronic bids on Single Stage – Single Envelope Method from the interested Parties/contractors having valid registration with Federal Board of Revenue (FBR)/Respective Revenue Boards for income tax & sales tax and who are on active taxpayer list (Income & Sales Tax) of the Federal Board of Revenue (FBR)/Respective Revenue Boards for **“Supply, Installation, Testing & Commissioning of Hybrid Solar Systems for PM Bungalow & Guest House at PMDC Collieries, Sharigh”** as per BOQ given below:-

| S. No | DESCRIPTION | UNIT | QTY | UNIT RATE IN PKR. (INCLUSIVE OF ALL TAXES) | TOTAL RATE IN PKR. (INCLUSIVE OF ALL TAXES) |
|--|--|------|-------|--|---|
| <u>SOLAR SYSTEM FOR PM BUNGALOW</u> | | | | | |
| 1 | Supply, Installation, Testing & Commissioning of Mono Crystalline Solar Panels (A-Grade Tier-1), 590 Watt each complete with all accessories, nuts, bolts, connectors and wiring etc. (11 Nos Panels). Brand Jinko or approved Eqv. Complete in all respect or as directed by Engineer. | Watt | 6490 | | |
| 2 | Supply, Installation, Testing & Commissioning of Hot Dip Galvanized / Aluminum Solar Mounting Structure suitable for above solar panels including foundations, Civil Works, cross arms, nuts, bolts and all accessories. Complete in all respect or as directed by Engineer. | Watt | 6490 | | |
| 3 | Supply, Installation, Testing & Commissioning of Lithium Battery (LiFePO ₄) 51.2 V, 100 Ah with Built-in BMS, complete in all respect (2 Nos = 10.24 kWh) including wall mounting/floor standing mechanism/cabinet. Brand Sogo (latest series) or approved Eqv. Minimum 5 Years Warranty. IP-20. Complete in all respect or as directed by Engineer. | kWh | 10.24 | | |



| | | | | | |
|----|---|------|-----|--|--|
| 4 | Supply, Installation, Testing & Commissioning of Hybrid Solar Inverter 6.5 kW / 6.5 kVA, 48 V, MPPT Type, Single Phase, Pure Sine Wave, with Built-in Solar Charge Controller, Complete with all accessories and protections including Solar Plant Monitoring System / Wi-Fi / LAN Data Logger/Optical Fiber Cable/CAT-IV Cable etc. Brand Huawei (latest series) or approved Eqv. IP-65, Minimum 5 Years Warranty. Complete in all respect or as directed by Engineer. | Each | 1 | | |
| 5 | Supply & laying of 2-Core 6 sq.mm PVC insulated copper cable for AC wiring complete with all accessories and terminations. Complete in all respect or as directed by Engineer. Brand : Pakistan Cables. | R.ft | 520 | | |
| 6 | Supply & laying of DC Solar Cable 10mm ² single core copper conductor. Complete in all respect or as directed by Engineer. Brand : Pakistan Cables. | R.ft | 100 | | |
| 7 | Supply & laying of DC Solar Cable 6mm ² single core copper conductor. Complete in all respect or as directed by Engineer. Brand : Pakistan Cables. | R.ft | 250 | | |
| 8 | Supply & laying of DC Cable 25mm ² single core copper conductor. Complete in all respect or as directed by Engineer. Brand : Pakistan Cables. | R.ft | 70 | | |
| 9 | Supply & installation of heavy gauge PVC conduit pipe 1" dia complete with bends, sockets and accessories. Complete in all respect or as directed by Engineer. | R.ft | 100 | | |
| 10 | Supply & installation DC Combiner Box with suitable rating of Breakers (for strings, battery etc.) (6kA), SPDs (40kA), and other protections like surge & lightening. Brand: Chint. Complete in all respect or as directed by Engineer. | Each | 1 | | |
| 11 | Supply & installation Powder Coated AC Distribution Panel of suitable current rating/size Breakers (6kA), SPDs (40kA), Protection Devices, load distribution (heavy , light, battery) etc. Brand: Chint. Complete in all respect or as directed by Engineer. | Each | 1 | | |



| | | | | | |
|----|---|-----|---|--|--|
| 12 | Providing and installation of complete earthing system (AC, DC, Surge Arrestor) including copper rod, earth pit, chemicals, chamber and copper conductor. Complete in all respect or as directed by Engineer. | Job | 1 | | |
| 13 | Supply & installation of Lightning Protection System, complete with air terminal, down conductor and earthing. Complete in all respect or as directed by Engineer. | Job | 1 | | |
| 14 | Supply & installation of solar panel cleaning mechanism, fire protection. Complete in all respect or as directed by Engineer. | | | | |
| 15 | Testing/Commissioning & handing over the complete Solar System to PMDC. Contractor shall provide complete as-built drawings, operation manuals, warranties and training to PMDC staff after successful commissioning. Complete in all respect or as directed by Engineer. | Job | 1 | | |

SOLAR SYSTEM FOR GUEST HOUSE

| | | | | | |
|---|--|------|-------|--|--|
| 1 | Supply, Installation, Testing & Commissioning of Mono Crystalline Solar Panels (A-Grade Tier-1), 590 Watt each complete with all accessories, nuts, bolts, connectors and wiring etc. (11 Nos Panels). Brand Jinko or approved Eqv. Complete in all respect or as directed by Engineer. | Watt | 6490 | | |
| 2 | Supply, Installation, Testing & Commissioning of Hot Dip Galvanized / Aluminum Solar Mounting Structure suitable for above solar panels including foundations, Civil Works, cross arms, nuts, bolts and all accessories. Complete in all respect or as directed by Engineer. | Watt | 6490 | | |
| 3 | Supply, Installation, Testing & Commissioning of Lithium Battery (LiFePO ₄) 51.2 V, 100 Ah with Built-in BMS, complete in all respect (2 Nos = 10.24 kWh) including wall mounting/floor standing mechanism/cabinet. Brand Sogo (latest series) or approved Eqv. Minimum 5 Years Warranty. IP-20. Complete in all respect or as directed by Engineer. | kWh | 10.24 | | |
| 4 | Supply, Installation, Testing & Commissioning of Hybrid Solar Inverter 6.5 kW / 6.5 kVA, 48 V, MPPT Type, Single Phase, Pure Sine Wave, with Built-in Solar | Each | 1 | | |



| | | | | | |
|----|---|------|-----|--|--|
| | Charge Controller. Complete with all accessories and protections including Solar Plant Monitoring System / Wi-Fi / LAN Data Logger/Optical Fiber Cable/CAT-IV Cable etc. Brand Huawei (latest series) or approved Eqv. IP-65, Minimum 5 Years Warranty. Complete in all respect or as directed by Engineer. | | | | |
| 5 | Supply & laying of 2-Core 6 sq.mm PVC insulated copper cable for AC wiring complete with all accessories and terminations. Complete in all respect or as directed by Engineer. | R.ft | 520 | | |
| 6 | Supply & laying of DC Solar Cable 10mm ² single core copper conductor. Complete in all respect or as directed by Engineer. | R.ft | 100 | | |
| 7 | Supply & laying of DC Solar Cable 6mm ² single core copper conductor. Complete in all respect or as directed by Engineer. | R.ft | 250 | | |
| 8 | Supply & laying of DC Cable 25mm ² single core copper conductor. Complete in all respect or as directed by Engineer. | R.ft | 70 | | |
| 9 | Supply & installation of heavy gauge PVC conduit pipe 1" dia complete with bends, sockets and accessories. Complete in all respect or as directed by Engineer. | R.ft | 100 | | |
| 10 | Supply & installation DC Combiner Box with suitable rating of Breakers (for strings, battery etc.) (6kA), SPDs (40kA), and other protections like surge & lightening. Brand: Chint. Complete in all respect or as directed by Engineer. | Each | 1 | | |
| 11 | Supply & installation Powder Coated AC Distribution Panel of suitable current rating/size Breakers (6kA), SPDs (40kA), Protection Devices, load distribution (heavy, light, battery) etc. Brand: Chint. Complete in all respect or as directed by Engineer. | Each | 1 | | |
| 12 | Providing and installation of complete earthing system (AC, DC, Surge Arrestor) including copper rod, earth pit, chemicals, chamber and copper conductor. Complete in all respect or as directed by Engineer. | Job | 1 | | |
| 13 | Supply & installation of Lightning Protection System, Cleaning Mechanism complete with air terminal, down conductor and earthing. | Job | 1 | | |



| | | | | | |
|----|---|-----|---|--|--|
| | Complete in all respect or as directed by Engineer. | | | | |
| 14 | Supply & installation of solar panel cleaning mechanism, fire protection. Complete in all respect or as directed by Engineer. | Job | 1 | | |
| 15 | Testing/Commissioning & handing over the complete Solar System to PMDC. Contractor shall provide complete as-built drawings, operation manuals, warranties and training to PMDC staff after successful commissioning. Complete in all respect or as directed by Engineer. | Job | 1 | | |
| | G. TOTAL IN PKR (INCLUSIVE OF ALL TAXES) BOTH SOLAR SYSTEM (PM BUNGALOW & GUEST HOUSE) | | | | |

TECHNICAL TERMS & CONDITIONS

- A. The bidders are advised to visit and examine the site of the works and its surroundings and to obtain for itself on their own responsibility, all information that may be necessary for preparing the bid and entering in to contract agreement. The cost incurred in visiting the site shall be at the bidders own expense. The bidder will have to examine the area for installation of structure, existing electrical wiring and location of the switch room/Electrical Room.
- B. The Contractor must ensure that the supplied equipment is as per international standards/IEC and is fully operational, new, genuine and performs properly. The supplier shall provide all the necessary shipment details.
- C. The Contractor shall also ensure that the installation and workmanship are of the highest professional quality
- D. The Contractor shall supply, install, test, and commission the complete solar PV system, including but not limited to:
- Solar PV modules, mounting structures, and accessories
 - Hybrid inverter(s) and battery bank(s)
 - AC/DC cabling, isolators, combiner boxes, and protection devices
 - Fire Protection & Cleaning mechanism
 - Monitoring/logging devices and energy meters
 - Earthing (panel to panel, AC side, DC side, battery bank) and lightning protection systems
- E. The Contractor shall ensure that the system is fully functional, tested, and ready for operation at the time of handover.



- F. The Contractor shall provide:
- All necessary manuals, warranty certificates, and test reports
 - Training to the Owner on system operation and maintenance
- G. All the works, fittings and accessories that might not have been mentioned specifically in the scope/specification but are necessary for equipment's of the system(s) should be identified during the site visit by bidder and deemed to be included in the cost.
- H. The Contractor shall connect the complete solar PV system to the existing electrical system of the facility, ensuring proper integration, compatibility, and safe operation in accordance with applicable electrical standards and regulations.
- I. All necessary electrical wiring from existing electrical distribution box/system to solar system and vice versa shall have to be done by the contractor including supply of all required material.
- J. DCDB/ACDB shall be provided in between of suitable rating for connection and disconnection of array section.
- K. The Contractor shall provide complete earthing for the solar PV system including panel-to-panel bonding, DC side earthing, AC equipment earthing, battery bank earthing, and lightning protection, in accordance with applicable IEC standards, ensuring proper installation, testing, and acceptable earth resistance prior to commissioning.
- L. Any defects or incomplete works identified shall be rectified by the Contractor at no additional cost.
- M. The structure including solar panels power conditioner/inverter/distribution boards etc and workmanship of the system must be warranted against any manufacturing, design, installation defects for a minimum period of 5 years.
- N. The contractor shall be responsible to provide onsite trainings to user for operation and Maintenance.
- O. The contractor/bidder will be responsible to perform or arrange test from 3rd part/Govt. labs of different equipment like solar panels, power cable, circuit breakers, earthing, surge arrestors etc to verify electrical characteristics. The supplier has to arranged the equipment to performed tests.
- P. During warranty (01 Year), the contractor shall be responsible to provide free replacement of defective parts and maintenance of PV System(s).
- Q. Support Structures shall be manufactured with hot dipped Galvanized Steel angles/channels/supports and structures must be free from corrosion and rust. Care must be taken due to salty environment at our project site.
- R. To allow regular cleaning of the solar modules. There should be easily accessible for personnel and have enough space to roam about.



- S. Each panels frame structure shall be so fabricated as to be grouted using rawal bolts in cement concrete foundation with steel frame structure at the site.
- T. Bidders are requested to include detailed specifications, drawings, catalogues, etc. with their offers for the intended work. An operational instruction and maintenance manual should be provided with solar system. The detail diagram(s) of wiring and connection diagrams should be provided with manual.

GENERAL TERMS AND CONDITION

1. Electronic Bid must be submitted on EPAD on or before **10.06.2026 at 03:00 PM** which will be opened on the same day at **03:30 PM** in the presence of tenderers or their representatives who desire to participate.
2. Bid Money amounting to **Rs.100,000/-** 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.
3. Successful tender will be required to deposit security money @ 10% of the total value and 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 successful completion of DLP.
4. Tenders will be evaluated on least cost method. Bidders meeting the required all mandatory required documents and relevant experience, will be considered Technical responsive among the technical responsive bidders the contract will be awarded to the bidder offering the lowest evaluated price.
5. The rates should be quoted in PKR and should be inclusive of all applicable/prevaling taxes. Any increase in taxes at any stage shall not be considered.
6. The rates, prices and amounts shall be entered against each item in the Schedule of Prices/BOQ. Any item against which no rate or price is entered by the bidder will not be paid for by the Employer when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.
7. Any component identified non-genuine, copy or refurbished during entire warranty will be rejected instantly and it will be supplier's responsibility to replace that whole or component on supplier cost.
8. OEM/Parts Replacement/Claim with Next Business Day delivery to PMDC Collieries, Sharigh.
9. Complaint/query can be launched via Telephone, Web and email. Technical Support (preferably On-Site) or otherwise over e-mail/phone/web whenever required by the purchaser.
10. Defect liability period (DLP)/warranty is 12 months, which will be start after satisfactory completion of scope of work.



11. **Warranty : one-year free comprehensive onsite warranty**, which must include labor, parts replacement and any other related service.
12. If the Supplier, having been notified, fails to remedy the defect(s) within the specified period, PMDC may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense.
13. Interpretation of the PMDC regarding the tendered rates in case of any discrepancy regarding unit rates and total amount shall be final.
14. Escalation of cost at any circumstances will not be permitted.
15. The bidder will be responsible to carry out the works as per detailed mentioned in BOQ and the payment to the contractor shall be made on actual work done.
16. No running/interim payment will be applicable.
17. Conditional, Optional bid will be rejected.
18. The Project Manager/Engineer may request samples of material to be installed in order to check its quality for approval purpose.
19. The quantity can be increased (upto 15% of the total contracted quantities/amount) or decreased during the period of the contract at the sole discretion of PMDC without any prior notice to contractor.
20. No extra item shall be allowed to be executed without written orders from the concern Project Manager.
21. Concern Project Manager shall reserve the right to add/ delete any item from bill of quantities and the contractor will be responsible to execute any extra item required at site to complete the work and the payment for the same shall be made on mutually agreed rates.
22. The contractor shall arrange water, electricity, and all other required utilities at his own cost for execution of the work. In case the contractor does not arrange such utilities at his own cost and utilizes PMDC resources, water charges shall be deducted at the rate of 0.5% of the contract price, and electricity charges shall be deducted based on actual units consumed at the prevailing per-unit tariff, from the contractor's bills.
23. The Contractor shall be responsible to make complete arrangements for the transportation/storage/security of the material etc. and the security/stay of his staff/workers.
24. Any damages to PMDC assets, HR of whatsoever nature shall be completely borne by the contractor.
25. 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.
26. If the contractor fails to fulfill the contractual obligations of the contract, then the Security deposit will be forfeited.
27. All taxes will be applicable/deducted as per prevailing Government rules.



28. The Firm/Contractor should have 02 years' experience in relevant Project/ work with Govt. departments and other organizations/companies. Proof of relevant experience/work order should be attached. Copy of satisfactory completion/performance is also required.
29. Firm/Contractor should be of sound financial health and shall provide Bank statement covering last 12 months (from the date of submission of bid).
30. Firm/Contractor must provide a list of the construction machinery and equipment available with the tenderer.
31. The tender for the supply / work will be completed / delivered at PMDC Collieries, Sharigh.
32. Completion time period will be 03 months. In case of delay, LD Charges @ rate 0.10% of total contract value will be applied per day upto 10 % of Total Contract Value.
33. The successful tender will have to execute a contract within the specified time, Payment will be made after satisfactorily completion work as per specifications and on submission of the bill in duplicate along with satisfactory completion certificate/report whereas security deposit will be refunded after expiry of DLP/warranty period.
34. 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.
35. 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.
36. Firm/Contractor or any 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.
37. Firm/Contractor or any its subsidiary firms or of its directors/owners or any their relatives' parents, children, brother, sister) should not have any direct or indirect conflict of interest with the procuring agency.
38. In case of any dispute regarding this purchase order/assignment, the same will be resolved between the relevant parties through negotiations. If negotiations shall 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 the both parties.
39. The tenderer/supplier shall appoint a representative at the project and furnish his postal address and contact number to PMDC. Any notice to be served on or document to be signed by the contractor shall be either delivered personally or through the representative and in case it is not possible it shall be treated to have delivered if it has been mailed by registered post on the Postal Address of the representative.
40. PMDC Reserved the right to accept or reject the tender of the tenderer at any time without assigning reasons and cannot be challenged in any court of law.
41. 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.



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

43. Checklist of documents to be attached.

Note: Please feel no hesitation to contact the Officer Incharge, PMDC Branch Office, Quetta regarding any query in this regard. Monday to Saturday 08:00 A.M to 2:00 P.M on Phone No.081-9201103.

Signature of tenderer: _____

Name of tenderer: _____



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Phone: 051-9265128
E-mail: dgm-pro@pmdc.gov.pk



Check List

| Sr. No. | Description | Yes | No |
|---------|--|-----|----|
| 1 | Original Bid money amounting to Rs.100,000/- of is being deposited D.D/Pay Order _____ dated _____ in the name of Pakistan Mineral Development corporation Islamabad | | |
| 2 | Copy of CNIC and Authority Letter. | | |
| 3 | Copy of registration certificate with FBR/relevant authority department. | | |
| 4 | Copies of experience certificate, work orders & completion certificate | | |
| 5 | List of technical staff available with the tenderer who will execute/ supervise the work. | | |
| 6 | List of the machinery/equipment etc. available with the tenderer. | | |
| 7 | Financial Soundness Proof (Bank Reference or Bank Statement, Audited Report / Accounts). | | |
| 8 | Affidavit of litigation | | |
| 9 | Affidavit regarding no dispute with PMDC. | | |
| 10 | Affidavit regarding no conflict of interest with PMDC. | | |
| 11 | Technical Brochure/Manuals, Drawings etc. | | |

Tenderer/Bidder Signature