



Continuous Professional Development(CPD) Provincial Institute for Teacher Education (PITE)



Provincial Institute for Teacher Education (PITE) Quetta

Ref: CPD/PITE/Procurements/2025/011

Country: Pakistan

Province: Balochistan

Project: Continuous Professional Development Program (CPD)

Provincial Institute for Teacher Education (PITE), Quetta.

Date of RFB: 5 January 2025

**Subject: Request for Quotation (RFQ); Procurement for Renovation of 4 office rooms and 3 washrooms.
Includes Solarization major and minor repair works, masonry, painting, and finishing.**

1. Continuous Professional Development Program (CPD) is on job Teachers Training Program initiated by Provincial Institute for Teacher Education (PITE) Quetta with the support of UNICEF and EUROPEAN UNION.
2. You are invited to submit your Quotation(s) for procurement of the following items;

S NO	ITEMS WITH SPECIFICATION	QUANTITY	UNIT PRICE	TOTAL PRICE										
1	<p>Office Renovation of 4 rooms 3 washrooms and a kitchen:</p> <p>Carpentry & Fixtures; The contractor shall replace damaged doors, locks, and handles; construct a small partition room for the finance section. Install a partition door made of wood and glass; install new 4 window blinds for corridor and finance room ones as required.</p> <p>Electrical Works; Replace damaged wiring, switches, and sockets. Install energy-efficient LED lighting. Ensure proper earthing and circuit protection.</p> <p>Masonry & Civil Works; Re-tiling of walls and floors where damaged. Repair of plaster and waterproofing layers. Replacement of broken sanitary partitions.</p> <p>Plumbing Works; Replace damaged pipelines and fittings. Install new faucets, shower heads, and flush systems. Ensure proper drainage and leak-proof joints.</p> <p>Fixtures & Accessories; Replace damaged wash basins, WCs, and urinals. Install mirrors, towel hangers, soap dispensers. Provide exhaust fans for ventilation.</p> <p>Deliverables; Renovate 4 office rooms ready for occupancy. Fully functional 3 washrooms with modern fittings. Clean site handover with debris removed. Warranty on workmanship and materials (minimum 6 months).</p>	1												
2	<p>Solarization of CPD-PITE 4 rooms: Provide reliable, clean, and cost-effective solar energy to power essential loads in four rooms and one kitchen, reducing dependence on grid electricity and ensuring backup during outages.</p> <p>Estimated daily energy consumption:</p> <table border="1"> <thead> <tr> <th>Area</th><th>Typical Appliances</th><th>Power (W)</th><th>Usage (hrs/day)</th><th>Daily Consumption (Wh)</th></tr> </thead> <tbody> <tr> <td>Room (x4)</td><td>4 LED lights, 4 fan, 4ACs</td><td>1600 W at</td><td>6</td><td>$900 \times 4 = 3600$</td></tr> </tbody> </table>	Area	Typical Appliances	Power (W)	Usage (hrs/day)	Daily Consumption (Wh)	Room (x4)	4 LED lights, 4 fan, 4ACs	1600 W at	6	$900 \times 4 = 3600$	1		
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		12V1					
Kitchen	2 LED lights, refrigerator, outlets	2600W at 24V	8	2600			
Total				6200 Wh (6 kWh)			

The solar PV system must be designed to deliver ~6 kWh daily, requiring a 1.5 kW array (about 15–16 panels of 250–300 W each) with bifacial Mono PERC modules rated 565–585 W for higher yield and better shaded performance. The setup includes a galvanized steel/aluminum mounting structure optimized for Baluchistan's latitude, and a pure sine wave hybrid inverter (10 kVA) with high-efficiency MPPT charge controller ($\geq 95\%$). For backup, a 48V, 150 Ah dry battery bank is recommended, though individual sealed lead-acid/AGM batteries of 12V, 110 Ah can also be used, offering maintenance-free operation, 3–5 years design life, and high cycle durability.

Wiring & Protection: Copper cables sized for current. DC isolator, fuses, surge protection, earthing.

Installation Guidelines: Panels installed on rooftop with south-facing orientation. Proper ventilation for inverter and battery bank. Compliance with local electrical codes. Monitoring system (optional) for performance tracking

Expected Performance: Daily generation: ~6–7 kWh. Covers lights, fans, refrigerator, ACs and small appliances. Reduces grid consumption by ~70–80%. Backup available during outages.

| 3 | **Painting & Finishing of 4 rooms 3 washrooms and a kitchen.** Scrape off old paint, apply primer, and repaint walls/ceilings. Use washable emulsion paint for walls. Polish or repaint wooden fixtures. | 1 | | | | | |

- Interested eligible bidders may download Tender Application Form from our Official Website www.cpdpite.org or can be obtained from below mentioned address during official hours.
- All rates shall be quoted for each unit and CPD reserves the right to order as much quantity as required for various schemes/activities from time to time.
- Your Bids must be marked **“Procurement for four office rooms and two washrooms Includes major and minor repair works, masonry, painting, and finishing.”** and addressed to: **Admin & Finance Officer, CPD PITE Balochistan, Sariab Road Opposite Tariq Hospital Quetta.**
- Signed and sealed Quotation(s) must reach the undersigned on time on aforementioned format of specifications. CPD reserves the rights to accept or reject any proposal/offer without assigning any reason.
- PROFILE /QUALIFICATION/TORs of Bidder:**
 - The Bidder/consulting firm shall be registered in same business for **past 5 Years**.
 - Have completed at least **2 similar assignments in the past**.
 - Should have relevant technical team members.
 - Should have adequately established offices.
 - Have adequate resources as required under the ToRs.
- The deadline for receipt of your Quotation(s) by the Purchaser at the address indicated in Paragraph 3 is, before 04:00PM within 15 days of Request for Quotation.

Admin & Finance Officer
CPD-PITE, Quetta