



# 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.**

- 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.
- 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	<b>Office Renovation of 4 rooms 3 washrooms and a kitchen:</b> <b>Carpentry &amp; Fixtures;</b> 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. <b>Electrical Works;</b> Replace damaged wiring, switches, and sockets. Install energy-efficient LED lighting. Ensure proper earthing and circuit protection. <b>Masonry &amp; Civil Works;</b> Re-tiling of walls and floors where damaged. Repair of plaster and waterproofing layers. Replacement of broken sanitary partitions. <b>Plumbing Works;</b> Replace damaged pipelines and fittings. Install new faucets, shower heads, and flush systems. Ensure proper drainage and leak-proof joints. <b>Fixtures &amp; Accessories;</b> Replace damaged wash basins, WCs, and urinals. Install mirrors, towel hangers, soap dispensers. Provide exhaust fans for ventilation. <b>Deliverables;</b> 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).	1												
2	<b>Solarization of CPD-PITE 4 rooms:</b> 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.  <b>Estimated daily energy consumption:</b> <table><tr><th>Area</th><th>Typical Appliances</th><th>Power (W)</th><th>Usage (hrs/day)</th><th>Daily Consumption (Wh)</th></tr><tr><td>Room (x4)</td><td>4 LED lights, 4 fan, 4ACs</td><td>1600 W at</td><td>6</td><td><math>900 \times 4 = 3600</math></td></tr></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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Room (x4)	4 LED lights, 4 fan, 4ACs	1600 W at	6	$900 \times 4 = 3600$										

PITE Office Near Tariq Hospital Saryab Road Quetta. Tel: 081-2470109

Email:



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		12V1			
Kitchen	2 LED lights, refrigerator, outlets	2600W at 24V	8	2600	
<b>Total</b>				<b>6200 Wh (6 kWh)</b>	
<p>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 (<math>\geq 95\%</math>). 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.</p> <p><b>Wiring &amp; Protection:</b> Copper cables sized for current. DC isolator, fuses, surge protection, earthing.</p> <p><b>Installation Guidelines:</b> 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</p> <p><b>Expected Performance:</b> Daily generation: ~6–7 kWh. Covers lights, fans, refrigerator, ACs and small appliances. Reduces grid consumption by ~70–80%. Backup available during outages.</p>					
3	<b>Painting &amp; Finishing of 4 rooms 3 washrooms and a kitchen.</b> 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](http://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