**Aga Khan Rural Support Program (AKRSP)**

**REQUEST FOR QUOTATION (RFQ)**

**RFQ No: AKRSP/0320/2025. RFQ Date: 05/08/2025. Submission Date: 15/08/2025  
Delivery Point: Dizg, Yarkhoon, Upper Chitral**

**Subject: Request For Quotation (RFQ) For Supply, Transportation, Installation, Testing, and Commissioning of Solar & Pumping Equipment of Solar Lift Scheme at Dizg, Upper Chitral**

**1. Introduction**

The Aga Khan Rural Support Programme (AKRSP) is a not-for-profit development organization working to improve the quality of life of the people in the mountainous regions of Pakistan. AKRSP invites sealed quotations from qualified and experienced service providers for the supply, transportation, installation, testing, and commissioning of solar and pumping equipment for a solar lift irrigation scheme at Dizg, Upper Chitral.

This RFQ outlines the scope of work, eligibility criteria, evaluation process, and submission requirements. All interested bidders are encouraged to read this document thoroughly and ensure full compliance to qualify for the evaluation process.

**2. Scope of Work**

The scope of this assignment includes:

* Supply of all required solar and pumping equipment as detailed in the Bill of Quantities (BoQ).
* Transportation of all equipment from the supplier's warehouse to the final project site at Dizg, Upper Chitral.
* Installation of solar panels, inverters, controllers, motors, piping, and associated civil and electrical works.
* System testing to ensure functional compliance with the technical specifications.
* Commissioning and handover of a fully functional solar lift irrigation system.

Bidders are required to submit a detailed implementation methodology, including site mobilization, installation sequencing, performance testing plan, and commissioning checklist.

**3. Eligibility Criteria**

All interested bidders must meet the following eligibility criteria:

**3.1 Legal and Administrative Requirements**

* Registered as a legal entity in Pakistan with valid NTN and GST registration.
* No record of blacklisting by any public or private organization.

**3.2 Technical Requirements**

* Minimum of two (02) successfully completed contracts for similar solar and pumping system installations over the last five (05) years.
* Detailed work experience documents must include completion certificates or contract agreements specifying value, scope, and duration.

**3.3 Financial Capacity**

* An annual turnover of at least PKR 5 million in each of the last two years.
* Verified and original bank statements or audited financial reports for FY 2023 and FY 2024 must be submitted to substantiate the financial claim.

**3.4 Design Validation**

* The bid must include technical drawings, pump and motor performance curves, solar generation assumptions, and projected system outputs reconciled with the BoQ.
* Any redundant or superfluous system elements not solicited in the BoQ are strictly prohibited.

**4. Bill of Quantities (BoQ)**

A detailed BoQ with all necessary components will be shared as an annex to this RFQ. All vendors must quote their prices strictly as per the template and maintain unit price integrity. Vendors must not alter the structure of the BoQ.

Discrepancies between total and unit prices will be resolved in favor of the unit price. Vendors must accept such corrections to avoid disqualification.

**5. Terms and Conditions**

**5.1 Submission Requirements**

* Quotations must be submitted on official letterhead, signed, dated, and stamped by an authorized representative.
* All pages must be numbered and sealed in an envelope marked “Quotation for Solar Lift Scheme at Dizg.”
* Sealed quotations must be submitted either by hand or through courier to the Regional Office AKRSP, Chitral.

**5.2 Compliance and Rejection**

* Quotations not conforming to the terms of this RFQ or missing any required documentation will be deemed non-compliant and rejected.
* Partial quotations or quotations with incomplete BoQs will not be considered.

**5.3 Price Variation and Validity**

* Quoted prices must be inclusive of all applicable taxes and valid for a minimum of thirty (30) days from the closing date.
* No price variation due to market fluctuation or currency devaluation will be entertained after submission.

**5.4 Mobilization Advance**

* Mobilization advance can be granted only against submission of a bank guarantee or call deposit equivalent to the requested advance amount.

**5.5 Inspection, Rejection, and Replacement**

* AKRSP reserves the right to inspect the material either at its Chitral office or on-site.
* Materials not meeting required specifications will be rejected. All replacement costs shall be borne by the supplier.

**5.6 Transportation & Site Logistics**

* All transportation, insurance, and handling charges up to the final project site are the responsibility of the vendor.
* Suppliers must organize their travel, meals, and accommodation independently during supply and installation.

**6. Evaluation Process**

The evaluation process will be conducted in two stages: technical and financial.

**6.1 Technical Evaluation (Pass/Fail)**

* **Work Experience**: At least 2 references of successful solar pumping system projects.
* **Financial Capacity**: Verified annual turnover of PKR 5 million in each of the last two years.
* **Design Validation**: Graphical and technical documentation to validate system design performance and efficiency.

Only vendors who pass the technical evaluation will proceed to financial evaluation.

**6.2 Financial Evaluation**

* The contract will be awarded to the technically qualified bidder offering the lowest evaluated price.

**6.3 Conflict of Interest**

* Vendors must declare any actual or perceived conflict of interest in writing. Failure to do so may result in disqualification.
* AKRSP maintains zero tolerance for corruption, collusion, or unethical practices.

**6.4 Cartelization and Duplication**

* Multiple quotations from the same individual or entity under different names will result in disqualification.
* Quotation pricing found to be significantly different from prevailing market rates may be rejected.

**7. Payment Terms**

The selected vendor will be paid in three instalments:

* **50%** after successful delivery and inspection of all equipment at the Chitral.
* **40%** upon delivery and verification of materials at the project site (Dizg).
* **10%** upon successful installation, testing, and commissioning of the system.

All payments will be made through cross cheque or bank transfer.

**8. Delivery and Completion Timeline**

* All equipment must be delivered to Chitral within 15 **days** of contract signing.
* Installation, testing, and commissioning must be completed within an additional 30 **days**.
* The overall contract timeline must not exceed **45 days** from the date of signing.

Failure to comply with this schedule may result in liquidated damages, as determined by AKRSP.

**9. Rights Reserved by AKRSP**

* AKRSP reserves the right to accept or reject any quotation without assigning any reason.
* AKRSP may cancel the procurement process at any time without obligation to any party.
* AKRSP may increase or decrease the quantity of any item without changing the unit prices.

**Submission Deadline:** Sealed quotations must be submitted by hand or courier to Regional Office AKRSP near Shahi Qilla Chitral by **COB August 15, 2025.**

**We look forward to receiving your competitive and compliant quotation.**

Admin & Procurement Officer Vendor Receipt & Acknowledgement

AKRSP Chitral

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Designation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sign & Stamp

**Description of Works: Supply, Transportation, Installation, Testing, and Commissioning of Solar Lift Scheme for Plantation at Dizg, Yarkhoon, Upper Chitral****.**

**BOQ Table Dizg Solar Lift Scheme for Plantation**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S No** | **Item** | **Specification & Certifications** | **Unit** | **Qty** | **Unit Rate** | **Total Amount Rs** |
| 1 | Solar Panel 600W | • IEC 61215-1, IEC 61215-1-1, IEC 61215-2:2016 • IEC 61730-1, IEC 61730-2:2016 • TS 62804-1 • IEC61701 • IEC62716  N-Type Bifacial  **Recommended Brands**: **(JA Solar, Jinko Solar, Canadian Solar) only**. **Data sheets for quoted brand must be attached** | No. | 13 |  |  |
| 2 | Solar Pumping Inverter (IP65 Protection) | • Capacity:5.5 kW • MPPT Range: 460-850Vdc • Rated O/P Voltage: 380-460Vac, 3 Phase Frequency: 0~50/60Hz,  • Protection Level: IP65, MPPT Efficiency: 99%  • IEC 62109-1/2, IEC 61000-6-1/2/3/4 • CQC NB/T 32004, IEC 61727 • 99.5% MPPT Efficiency  2 years Manufacturer Warranty for parts & services  **Recommended Brand (JNTECH ) only Data sheets for quoted brand must be attached** | No. | 1 |  |  |
| 3 | Submersible Pumping Set having bottom intake Mechanism (5.5hp) | • Stages: **Performance Curve required with Selection**  • Capacity:5.5 hp  • Stainless Steel Pump and Impellers according to ISO 9906 Standard • Coupling should be of NEMA Standard  • Rewindable Motor in Stainless Steel Body  • Motor should be water cooled. • Motor should be operatable at 3 Phase 380 **Data sheets for quoted brand must be attached**  **Recommended Brands: ( Grunfos, DAB, Yildizsu, KSB, Alarko) only** | Set | 1 |  |  |
| 4 | Enclosure Box (Hot Dipped Galvanized) | • DC Breakers Imported Per String  • Pure Copper Busbars • Cable Glands • Locking Mechanism • Water proof | No. | 1 |  |  |
| 5 | Cabling DC/ AC | • DC Cable 6mm Double Coated Cu/XLPE/PVC Per String  • 4 Core Cable of Suitable Size for Pumping Set 300 feet long • Cables provided should have general test reports such as Copper Purity Test, Insulation Test, Spark Test Etc. | Lumpsum | 1 |  |  |
| 6 | Solar Panels Mounting Structure Made of Galvanized Angle Iron | • Hot Dipped Galvanized  • 4mm Angle  • High Wind Resistance  • 30⁰-35⁰ Tilted Orientation | Panels | 13 |  |  |
| 7 | Accessories & Protection | Confirming to Standard practices including •Breakers on Each String, •Surge Protection Device, •Fuses, AC Breaker For Pump •PVC Duct Slotted, •PVC Wiring Duct Thimbles, Shrouds Complete in All respect | Job | 1 |  |  |
| 8 | Earthing (Separate Wiring) for Solar Panels & Structure, SPD, AC Wiring | Proper Earthing 6 ft deep having •16mm Pure Copper Rod •Earth Chemical •6 mm Copper Conductor minimum •Busbar •Termination kit •PVC Pipe | Job | 1 |  |  |
| 9 | Top Set Complete | Top Set Should Consist of •2 Nos Non Rising Stem Resilient Valve PN16 •Reflex Valve PN 16, •Pressure gauge •Siphon Pipe •Suspension Clamps •20mm Flanges **•**Gaskets • 4 Nos. 90 Degree MS Bend 20mm Flanged •Tee 20mm Flanged •Stainless Steel Nut Bolts | No. | 1 |  |  |
| 10 | Foundation Pads for Solar Panel mounting Structures | Foundation for each leg of structure having 1.5ft x1.5ft x2ft Dimension and laid in PCC (1:2:4) | Panels | 13 |  |  |
| 11 | Supply and Installation of GI Mounting Structure for pumping set in pond | Made of hot dipped galvanized angle iron of 2"x2" size and 4 mm thick | No. | 1 |  |  |
| 12 | G.I pipe with 20mm flanges and Stainless-Steel accessories | Dia according to pump outlet size (2.5’) Designed to be in Z Configuration in Aquifer | ft | 40 |  |  |
| 13 | Transportation | To Project Site Dizg, 150 km away from Chitral town | Job | 1 |  |  |
| 14 | Installation | Confirming Standard Practice for Complete Installation | Job | 1 |  |  |
|  | **Total** |  |  |  |  |  |



Foundation & Panel Support Structures Pic

Pump Support Structure Pic