

STANDARD BIDDING DOCUMENTS (SBDs) FOR PROCUREMENT OF WORKS

(For Contracts Under Rs. 45 Million - Civil & Electrical Works)

Procuring Entity: Tehsil Municipal Administration (TMA) Lakki Marwat

Name of Scheme: Solarization of Tubewells in Lakki City (ADP Scheme No. 240245 | FY 2026-27)

Administrative Approval: Letter No. PO (LG) /1-6/PDWP/AA/2025-26 dated 04-05-2026

Total Estimated Cost: PKR 30.00 Million

Governing Rules: Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Rules, 2014

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SECTION I: INVITATION FOR BIDS / NOTICE INVITING TENDER (NIT)

GOVERNMENT OF KHYBER PAKHTUNKHWA TEHSIL MUNICIPAL ADMINISTRATION (TMA) LAKKI MARWAT NOTICE INVITING E-BIDDING (Single Stage Two Envelope Procedure)

Tehsil Municipal Administration (TMA) Lakki Marwat invites electronic bids through the Khyber Pakhtunkhwa E-PADS portal (kp.eprocure.gov.pk) from eligible firms/bidders registered with the Pakistan Engineering Council (PEC) in Category C-6 or above with Specialization Codes CE-09, EE-11, and CE-10 for the procurement of works under ADP Scheme No. 240245:

S.No	Sub-Scheme Name & Location	Estimated Cost (PKR)	Bid Security (2%)	PEC Category & Codes
1	DWSS in area NC-1 No.06, at Main Larri Ada Near Over Head Tank Lakki City			Category C-6 or above (CE-09, EE-11, CE-10)
2	DWSS in area NC-1 No.08, Near			Category C-6 or above

	Children Park TMA Lakki Marwat Lakki City	PKR 30.00 Million	PKR 600,000	(CE-09, EE-11, CE-10)
3	DWSS in area NC-4 No.21, at Mohalla Saeed Khel Lakki City			Category C-6 or above (CE-09, EE-11, CE-10)
4	DWSS in area NC-4 No.22, at Khabir Khan Play Ground Lakki City			Category C-6 or above (CE-09, EE-11, CE-10)
5	DWSS in area NC-2 No.04, at Toti Abad Main Mian Wali Road Lakki City			Category C-6 or above (CE-09, EE-11, CE-10)
6	DWSS in area NC-2 No.13, at Mohalla Gull Wali Abad Lakki City			Category C-6 or above (CE-09, EE-11, CE-10)
TOTAL ESTIMATED COST / BID SECURITY		PKR 30.00 Million	PKR 600,000	-

TERMS AND CONDITIONS

- **Online Submission via E-PADS:** Bids must be submitted electronically through the KP E-PADS portal (kp.eprocure.gov.pk). Bids submitted physically without online E-PADS submission will be rejected.
- **Physical Bid Security:** The original Call Deposit Receipt (CDR) of PKR 600,000 (2% of estimated cost) issued by a scheduled bank in favor of the Tehsil Municipal Officer, TMA Lakki Marwat, must reach the office prior to bid opening.
- **KPPRA Additional Security Rules (SRO-14 Framework):**
 - Up to 10% Below Engineer Estimate: Standard 2% Bid Security (PKR 600,000) only.
 - More than 10% and up to 20% Below Engineer Estimate: 2% standard security + 8% Additional Security (Total 10%).
 - More than 20% Below Engineer Estimate: 2% standard security + Additional Security equal to total differential amount along with detailed Rate Analysis.
- **Mandatory Registrations:** Active PEC License (FY 2026-27), active enlistment with Local Council Board (LCB) KP, Blacklisting Certificate, active registration with Khyber Pakhtunkhwa Revenue Authority (KPRA), and active status on FBR Active Taxpayer List (ATL).
- **Key Deadlines:** Online submission deadline is 13 October 2026 at 11:00 AM. Technical bids will be opened online on 13 October 2026 at 11:30 AM in the Committee Room of TMA Lakki Marwat. If there were a holiday in Bid opening day the bid will be open on the next Working day.

SECTION II: INSTRUCTIONS TO BIDDERS & BIDDING DATA

A. GENERAL INSTRUCTIONS

IB.1 Scope of Bid & Source of Funds: Tehsil Municipal Administration (TMA) Lakki Marwat invites bids for the supply, installation, testing, and commissioning of solar PV energy systems for six (06) Drinking Water Supply Schemes (DWSS) in Lakki City under provincial ADP Scheme No. 240245.

IB.2 Eligible Bidders: Open to firms registered with PEC in Category C-6 or above with codes CE-09, EE-11, CE-10, active with LCB KP, KPRA, and FBR.

B. BIDDING DATA SHEET

Clause Reference	Description & Data
1.1 Procuring Entity	Tehsil Municipal Administration (TMA) Lakki Marwat. Address: TMA Office, Lakki Marwat Phone: 0969-510445 Email: tmalakkimarwat@gmail.com
5.1 Engineer's Address	Tehsil Officer (Infrastructure & Services), TMA Lakki Marwat.
10.3 Quoting System	Pakistani Rupees (PKR) on 'Above / Below' percentage basis on MRS/NSI items via E-PADS.
13.1 Bid Security Amount	PKR 600,000 (2% of Total Estimated Cost) in the form of Call Deposit Receipt (CDR).
14.1 Period of Bid Validity	90 Days from the date of bid opening.
16.1 Venue, Time & Date of Bid Opening	Date: 13 October 2026 Submission: 11:00 AM Technical Opening: 11:30 AM. Venue: Committee Room, TMA Lakki Marwat.

C. TECHNICAL EVALUATION CRITERIA (100 MARKS TOTAL - QUALIFYING THRESHOLD: 70 MARKS)

The Minimum technical qualifying Score is 70% along with qualification of Mandatory Requirements. Any bidder getting less than 70% marks will be declared as non- response and his financial proposal will be rejected and will not be open on EPADS on the day of financial bid opening.

Category	Evaluation Parameter & Sub-Criteria	Max Marks
1. Company Experience & Past Performance	• 3 or more completed Solar/DWSS projects ($\geq$ PKR 15M each): 6 Marks (Government Project) • PEC Code EE-11: 2 Marks SECP Registration: 2 Marks * PPIB (AEDB): 6 Marks • Electrical Inspectorate, ISO 9001-	24 Marks

	2015, ISO 14001-2015, ISO 9906-2012: 4 Marks 2 In Hand project (≥ PKR 100M Combined): 4 Marks (Government Sector)	
2. Technical Personnel Capabilities	• Lead Solar/Electrical Engineer (B.Sc Electrical, 5+ yrs exp): 10 Marks • Civil/Mechanical Engineer (B.Sc, 3+ yrs exp): 6 Marks • Site Sub-Engineers (DAE Civil/Electrical, 3+ yrs exp): 4 Marks	20 Marks
3. Financial Strength & Liquidity	• Average Annual Financial Turnover ≥ PKR 30M (Last 3 Years): 15 Marks • Available Bank Credit Line / Liquidity ≥ PKR 10M: 10 Marks	25 Marks
4. Equipment & Testing Machinery	• Complete equipment setup (Solar PV Analyzers, Flow Meters, Water Quality Testing Equipment, Lifting Cranes, Installation Rigs): 15 Marks	15 Marks
5. Proposal & Execution Methodology	• Tier-1 Solar PV & Inverter warranties and technical compliance: 8 Marks • Work Plan (Gantt Chart), Quality Assurance & Safety Plan: 8 Marks	16 Marks
TOTAL TECHNICAL SCORE		100 Marks

Bidders are required to achieve minimum 70% marks to be declared as technically qualified bidder. The quality and cost-based evaluation shall be done on the Criteria where Technical Score will be given 70% Weightage and Financial Score will be give 30% weightage. The Highest Ranked Fair Bidder in Combine Technical / Financial Evaluation Shall be declared as qualified Bidder. The bidders are required to provide genuine, true information, proof / evidence of all the information placed in the technical proposal in case of providing false information the bidder will be considered as non- responsive and Strick action will be taken against him which includes debarment / Blacklisting.

SEC

TION III: FORM OF BID & SCHEDULES TO BID

FORM OF BID (LETTER OF OFFER)

To: Tehsil Municipal Officer, TMA Lakki Marwat

Sir,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, and Addenda for the execution of **Solarization of Tubewells in Lakki City (ADP Scheme No. 240245)**, we, the undersigned, offer to execute and complete such Works and remedy any defects therein in conformity with the said Documents for the Total Bid Price quoted electronically on the E-PADS portal.

2. As security for due performance, we submit herewith Bid Security in the amount of PKR 600,000 (CDR No. _____ dated _____) drawn in favor of Tehsil Municipal Officer, TMA Lakki Marwat.

3. We undertake, if our Bid is accepted, to commence the Works within fourteen (14) days from the receipt of the Engineer's Notice to Commence.

SCHEDULE A TO BID: SCHEDULE OF PRICES

(Bidders must fill unit prices/rates online through KP E-PADS portal at kp.eprocure.gov.pk on Above/Below percentage basis on Engineer's Estimate).

SCHEDULE B TO BID: SPECIFIC WORKS DATA & TECHNICAL SPECIFICATIONS

All materials and execution standards shall strictly comply with P&D Department KP CSR/MRS Specifications and PEC Solar Pumping Standards.

SCHEDULE F TO BID: INTEGRITY PACT

DECLARATION OF FEES, AND BROKERAGE ETC. PAID BY SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS. 10.00 MILLION OR MORE.

The Bidder hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Khyber Pakhtunkhwa or any administrative subdivision or agency thereof through any corrupt business practice.

SECTION IV: CONDITIONS OF CONTRACT & CONTRACT DATA

CONDITIONS OF CONTRACT - KEY CLAUSES

- **1.1 Definitions:** Procuring Entity means TMA Lakki Marwat. Contractor means the evaluated lowest responsive bidder.
- **4.4 Performance Security:** Required if contract value equals or exceeds PKR 20.00 Million in accordance with standard KPPRA rules (10% Bank Guarantee / Draft).
- **7.4 Liquidated Damages:** 0.05% of Estimated Cost per day of delay up to a maximum of 10% of Contract Price.
- **9.1 Defects Liability Period:** 240 Days from the date of issuance of Taking-Over Certificate / Completion Certificate. In this Period any malfunction, fault, or breakdown of any machinery or equipment during this period, the contractor shall be solely responsible for its repair and associated costs.

- **11.3 Interim Payments:** Payments against monthly verified running bills within 30 days, subject to release/availability of ADP funds.
- **11.4 Retention Money:** 8% deducted from interim bills, released upon expiry of Defects Liability Period.

CONTRACT DATA SHEET

Sub-Clause	Description
1.1.4 Procuring Entity	Tehsil Municipal Administration (TMA) Lakki Marwat.
1.1.20 Engineer	Tehsil Officer (Infrastructure & Services), TMA Lakki Marwat.
1.1.9 Time for Completion	As stipulated in Work Order / Execution target 30 June 2027.
9.1 Defects Period	120 Days after completion certificate.
11.3 Retention Percentage	8% of Interim Payment Certificates.
15.3 Arbitration Place	Grievance Redressal Mechanism under KPPRA Rules / Lakki Marwat, KP.

SECTION V: STANDARD FORMS

1. FORM OF BID SECURITY (BANK GUARANTEE / CDR FORM)

Guarantee No.: _____ | Executed Date: _____ | Amount: PKR 600,000/-
 KNOW ALL MEN BY THESE PRESENTS that we, _____ Bank, are held and firmly bound unto Tehsil Municipal Officer, TMA Lakki Marwat in the sum of PKR 600,000 for which payment well and truly to be made...

2. FORM OF PERFORMANCE SECURITY

(Applicable for contract values equal to or exceeding PKR 20.00 Million).

3. FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT made on the _____ day of _____ 2026 between Tehsil Municipal Administration (TMA) Lakki Marwat (Procuring Entity) of the one part and M/S _____ (Contractor) of the other part...

SECTION VI: TECHNICAL SPECIFICATIONS & SCOPE OF WORKS

The scope encompasses complete design validation, supply, installation, testing, and commissioning of solar photovoltaic water pumping systems across six locations in Lakki City:

- 1. DWSS NC-1 No.06 (Main Larri Ada):** Solar PV Modules, Inverters, Pump Testing, Civil Work.
- 2. DWSS NC-1 No.08 (Children Park TMA):** Solar PV Modules, Inverters, Electrical/Pumping Automation, Civil Works.

3. DWSS NC-4 No.21 (Mohalla Saeed Khel): Solar PV Systems, Cabling, Control Panels & Structural Mounts, Civil Works.

4. DWSS NC-4 No.22 (Khabir Khan Play Ground): Solar PV Systems, Dual-Mode Pump Controllers, Civil Works.

5. DWSS NC-2 No.04 (Toti Abad Main Mian Wali Road): Solar PV Panels, Inverters, Flow Meters & Safety System, Civil Works.

6. DWSS NC-2 No.13 (Mohalla Gull Wali Abad): Complete Solarization & Commissioning of Tubewell DWSS, Flow Meters & Safety System, Civil Works.

BOQ

**NAME OF WORK : SOLARIZATION/REHABILITATION OF EXISTING TUBE WELLS OF TMA LAKKI MARWAT
SOLARIZATION OF TUBEWELLS IN KHYBER UNDER ADP NO.240245(2025/26)**

Estimated Cost:30 Million Pkr

E/Money : 600000/Pkr

S.NO	MRS-2025	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil or as per direction of the Consultant/Engineer Incharge.	m3	7.25	360.39	2,612
2	04-19-c	Dismantling : Plain Cement Concrete 1:2:4	m3	1.81	4914.04	8,904
3	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8) or as per direction of the Consultant/Engineer	m3	3.62	12340.56	44,722
4	06-05-f	Plain Cement Concrete including placing, compacting,finishing & curing (Ratio 1:2:4) or as per direction of the Consultant/Engineer	m3	2.72	17035.28	46,302
5	24-90-f	Supply & Installation, testing and commissioning of Submersible Pump (ISO - 9906 Certified) coupled with Submersible rewind-able Electric Motor with AC winding for discharge less than or equal to 3000 IGPH and output capacity greater than 15 WHP and upto 20 WHP (As per Approved Technical Specifications)	WHP	20.00	35489.74	709,795
6	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	Watt	24,500.00	44.34	1,086,330
7	26-01-i-09	Supply and Installation of Inverter Hybrid 8 KW	No	1.00	351,488.41	351,488
8	26-01-i-03-g	Supply and Erection of 3 phase 380V Solar Pump inverter (MPPT) 30 KW	No	1.00	779662.88	779,663
9	26-01-m-01	Supply & Erection of elevated structure of hot dipped (80 microns Average) G.I Sheet Channel, angle as per design. including Stainless Steel Nuts & Bolts/washers	Kg	490.00	411.26	201,517
10	24-100-c	Providing and fixing of Motor Control Unit (Equiped with UV/OV, dry run protection device, Surge protection, Phase reverse indicator) for 20 to 40 WHP (As per Approved Technical Specifications)	No	1.00	31133.06	31,133
11	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	no	94.00	376.06	35,350
12	26-01-h-02	Supply and Erection MC4 Branch connector	no	15.00	1580.19	23,703
13	26-01-b-01	Supply and Erection PVC flexible pipe : 1" i/d	m	50.00	298.65	14,933
14	26-01-b-02	Supply and Erection PVC flexible pipe : 1.5" i/d	m	50.00	379.68	18,984
15	26-01-f-06	Supply and Erection of lithium LifePO4 battery 100 AH 48V 6000 cycles	No	1.00	303650.31	303,650
16	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	Watt	7,000.00	8.08	56,560
17	15-11-b-06	Supply & Erection of Change over switch 100 Amp	Each	1.00	11545.10	11,545
18	15-11-b-07	Supply & Erection of Change over switch 200 Amp	Each	1.00	18955.10	18,955
19	24-50-c-04	Supply and installation of Submersible Flat Cable made of 99.9% copper, coated with double PVC as per BSS Standards, 3x35 mm2	m	24.00	3636.72	87,281
20	15-50	Wiring of light/fan/call-bell point in 3/0.029 PVC insulated bare cable in PVC pipe recessed	no	8.00	2406.52	19,252
21	15-51	Wiring of 2/3-pin 5-Amp. plug point in 3/0.029 PVC insulated bare cable in PVC pipe recessed	no	6.00	950.05	5,700
22	15-70-c	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 100 Amp.	no	2.00	4108.99	8,218
23	15-71-a	Supply and Erection single phase imported auto circuit breaker 6 Amp.	no	6.00	717.04	4,302
24	15-71-b	Supply and Erection single phase imported auto circuit breaker 15 Amp.	no	2.00	717.04	1,434
25	15-71-c	Supply and Erection single phase imported auto circuit breaker 20 Amp.	no	2.00	1013.44	2,027
26	15-71-d	Supply and Erection single phase imported auto circuit breaker 30 Amp.	no	2.00	1013.44	2,027

27	5-72-b	Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars - 100 Amp with bar size 1 1/2" X 1/8"	no	2.00	10612.50	21,225
28	15-122-b	Supply at site, installation, testing and commissioning of PVC insulated un-armoured copper conductor cable 600 / 1000 Volt grade (or otherwise mentioned in cable description) in prelaidd conduits / trenches to be installed as per routes shown on drawings including cost of all necessary materials, connections, identification tags, cables lugs properly crimped at both ends for the following sizes complete in all respects.	RM	20.00	2544.99	50,900
29	26-01-c-10	Supply and Erection of AC ENERGY EFFICIENT LED LIGHT BULBS (11-15 W)	No	10.00	839.43	8,394
30	26-01-c-06	Supply and Erection of AC ENERGY EFFICIENT LED LIGHT BULBS (16-20 W)	No	8.00	839.43	6,715
31	26-01-l-01	Supply and Erection of AC ENERGY EFFICIENT CEILING FANS 56 inch, 30 W	Each	2.00	13821.55	27,643
32	15-42-a	Supply and Erection 2'x2'x1/8" copper plate including riveting to copper tape & placing in mixture of salt and charcoal etc	Each	1.00	10362.45	10,362
33	26-01-g-04	Supply and Erection 1x10 sq.mm flexible copper cable	m	20.00	656.20	13,124
34	15-05-f	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.064"	m	20.00	882.81	17,656
35	15-202-c	S/Fixing 4-core flexible Aluminium cable for service of transformer to main board (19/64)	m	20.00	4118.40	82,368
36	03-01-b	Earth excavation undressed upto single throw of kassi phaorah or shove etc : in ordinary soil,	m ³	10.00	201.03	2,010
37	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m ³	10	12,340.56	123,406
38	07-04-a-01	1st class brick work in foundation and plinth in Cement, sand mortar 1:2	m ³	10.00	18918.34	189,183
39	07-05-a-01	1st class brick work in ground floor Cement, sand mortar 1:2 (Upto 6 feet Hieght)	m ³	15.00	19984.23	299,763
Total Rs.=						4,729,140
Total No.s of Tube Wells						6
Total Rs.=						28,374,837.44
Add 5% Area Factor Charges and 0.5% Advertisement Charges =5.5%						1,650,000.00
Rs.=						30,024,837.44
Say, Rs.=						30,000,000.00
Say Rs.(Million)=						30.00

_____ %Above/Below/At Par

_____ Contractor Signature

TOI
TMA Lakki Marwat