



# UNIVERSITY OF LAKKI MARWAT

## TENDER DOCUMENTS FOR INSTALLATION OF SOLAR SYSTEM

Name of Firm	
Phone & Mobile Number	
CNIC/NTN	
GST No.	
Tender applied for	INSTALLATION OF SOLAR SYSTEM
Call Deposit Amount	
Call Deposit No.	

## **TERMS AND CONDITIONS FOR SUPPLY AND INSTALLATION OF SOLAR SYSTEM**

### **1. Qualification of the Vendor**

The following vendors/Suppliers are eligible to apply for the tender:

1. Only Registered Firm/Supplier/Original Manufacturer/Authorized Dealers/ Distributors can participate in the tender.
2. Firms/Supplier/Original Manufacturer/Authorized Dealers/ Distributors Registered with tax authorities.
3. The Firms/Supplier/Original Manufacturer/Authorized Dealers/ Distributors that have Never been black listed by any Government agency or authority.

### **2. Documents Required**

The Firm/Supplier/Original Manufacturer/Authorized Dealers/ Distributors eligible to apply are required to submit the following documents with their bidding proposal:

1. Valid registration documents with Taxation Authorities. NTN/STRN/KPRA etc.
2. Valid Professional Tax Certificate
3. Full Address and contact numbers of the office(s).

### **3. GENERAL**

- i. Any tender without 2% earnest money will be out rightly rejected.
- ii. Conditional/incomplete tenders will be not accepted.
- iii. Telephone/telexed/faxed/telegraphic quotations will not be entertained.
- iv. Bids submitted without prescribed Tender fee or Earnest Money shall be liable for rejection at the time of Tender opening. Tender fee and Earnest money shall be submitted separately along with Tender.

### **4. METHOD OF PROCUREMENT**

Bidding will be conducted through “**Open Competitive Bidding**” process, specified in Rules of the Khyber Pakhtunkhwa Public Procurement Goods, Works and Services Rules. Bidding is open to all eligible bidders as defined in the KPRA Procurement Rules 2014 that meet the minimum qualification criteria and required documents. It will be a “**Single Stage - Single Envelop**” procedure.

### **5. SCOPE OF SUPPLY**

The bidder shall supply items of the specifications given in the attached Annexure-I.

### **6. CURRENCIES OF BID**

The prices shall be quoted in Pakistani Rupees.

### **7. BID BONDS/EARNEST MONEY**

The bidders shall furnish, as part of his bid, earnest money equal to 2% of total quoted prices with their offer in the form of demand draft/pay order in favor of **UNIVERSITY OF LAKKI MARWAT**. The earnest money shall be denominated in Pak rupees and shall be in the form of Demand Draft, Pay Order or Call Deposit issued by a Pakistani scheduled Bank. The Earnest Money may be forfeited if a bidder withdraws his bid during the period of his bid validity.

## **8. DEADLINE FOR SUBMISSION OF BIDS**

All bids must reach and be received by the purchaser on or before the prescribed deadline during the office hours. The tenders will be opened at 12:00 PM on Dated 08-10-2020 in the Committee room of University of Lakki Marwat in the presence of University Purchase Committee.

## **9. LATE BIDS**

Any bid received by the Purchaser after the prescribed deadline for submission of bids shall be returned un-opened to the bidder.

## **10. PURCHASER'S RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS**

UNIVERSITY OF LAKKI MARWAT (University Purchase Committee) reserves the right to reduce or increase the quantity, accept or reject any/all tenders/ bids as per KPPRA rules.

## **11. CONVINCING**

Unsolicited advice/clarification and any personal approaches at any stage of Evaluations are strictly prohibited and may lead to disqualification.

## **12. DELIVERY OF ITEMS**

The bidder shall make delivery of goods at his own cost within the specified period from the date of issuance of Purchase Order from the UNIVERSITY OF LAKKI MARWAT. In case of delay in supply within stipulated time then penalty @2% per day will be imposed for first 15 days and thereafter @4% per day in the subsequent period.

## **14. MODE OF PAYMENT**

Payment shall be made in form of crossed cheque, which shall be issued after delivery of items and verification of the inspection committee/officer concerned.

## **15. BID EVALUATION CRITERIA**

The awards of contract would be based strictly on the specification provided in the bidding documents, quality of the items and not only on the basis of lowest rates. The suppliers are required to submit past experience detail along with performance certificate in last 05 years. The suppliers are also required to submit brochure including detail specification of the items.

**16. Taxes**

All Government Taxes i.e Income Tax, GST, Professional Tax, Stamp Duty etc. will be deducted.

**17. TA/DA Claim**

No TA/DA claim will be entertained by the University.

**18. Bid Validity**

All offers shall remain valid for 90 days from the date of opening of bids, until any further extension required by the University of Lakki Marwat.

**Convener UPC**  
**UNIVERSITY OF LAKKI MARWAT**

## UNIVERSITY OF LAKKI MARWAT, KP

### Financial Proposal for Installation of Solar System

Name of the firm: \_\_\_\_\_

Address: \_\_\_\_\_

#### Requirement of Main Academic Block- A

Description	Qty	Unit Price with Taxes	Total with Taxes
Capacity: 5KW, Specs: (1) Built-in dual MPPT, (2) Efficiency more than 95%. (3) IP 65. (4) Built-in surge protection. (5) Built-in reverse polarity protection. (6) Built-in Parallel Kit, support up to 9 inverters. (7) Product Warranty: minimum 1 years.  Certifications: IEC 61683, IEC 62109-1, IEC 62109-1  Charge Controller capacity Minimum : 80 Amps	2		
Mono Crystalline (Perc Half Cut Cells).  A-Grade, Module Efficiency > 17% or higher. Date of production must not be older than one year; Pre-Shipment Inspection Report must be attached. Shall be in compliance with IEC 612215-2016 or IEC 612215-2005, IEC 61730-1:2004 or latest Solar Panel with Anti-PID Certification, with IEC standard PID Degradation free. Low Temperature Coefficient, 25 years performance warranty for 80% output, 10 years product warranty.	11600 watts		
Frames 14" gauge	14		
DC 16mm World Wide cable, pure Cu 45yrd/5KW	90		
Bolts Rawlbolts per frame	14		
32A main switch breaker for Solar	4		
AC 7/44" wire, yds; 20yrd/5KW	40		
Power Plug Pair; 2/5KW	4		
AC input output breakers	1		
Terminals	8		
Connectors	8		
Concrete for frames	2		
Labor per 5KW system	2		
<b>TOTAL -A</b>			

### Requirement of Main Administrative Block- B

Description	Qty	Unit Price with Taxes	Total with Taxes
Capacity: 5KW, Specs: (1) Built-in dual MPPT, (2) Efficiency more than 95%. (3) IP 65. (4) Built-in surge protection. (5) Built-in reverse polarity protection. (6) Built-in Parallel Kit, support up to 9 inverters. (7) Product Warranty: minimum 1 years.  Certifications: IEC 61683, IEC 62109-1, IEC 62109-1  Charge Controller capacity Minimum : 80 Amps	1		
Mono Crystalline (Perc Half Cut Cells).  A-Grade, Module Efficiency > 17% or higher. Date of production must not be older than one year; Pre-Shipment Inspection Report must be attached. Shall be in compliance with IEC 612215-2016 or IEC 612215-2005, IEC 61730-1:2004 or latest Solar Panel with Anti-PID Certification, with IEC standard PID Degradation free. Low Temperature Coefficient, 25 years performance warranty for 80% output, 10 years product warranty.	6650 watts		
Frames 14" gauge	8		
DC 16mm World Wide cable, pure Cu, 45yrd/5KW	45		
Bolts Rawlbolts per frame	8		
32A main switch breaker for Solar	2		
AC 7/44" wire, yrds; 20yrd/5KW	20		
Power Plug Pair; 2/5KW	2		
AC input output breakers	1		
Terminals	8		
Connectors	6		
Concrete for frames	1		
Labor per 5KW system	1		
<b>Total - B</b>			

## Requirement of Administrative Block Town

Description	Qty	Unit Price with Taxes	Total with Taxes
Capacity: 5KW, Specs: (1) Built-in dual MPPT, (2) Efficiency more than 95%. (3) IP 65. (4) Built-in surge protection. (5) Built-in reverse polarity protection. (6) Built-in Parallel Kit, support up to 9 inverters. (7) Product Warranty: minimum 1 years.  Certifications: IEC 61683, IEC 62109-1, IEC 62109-1  Charge Controller capacity Minimum : 80 Amps	2		
Mono Crystalline (Perc Half Cut Cells).  A-Grade, Module Efficiency > 17% or higher. Date of production must not be older than one year; Pre-Shipment Inspection Report must be attached. Shall be in compliance with IEC 612215-2016 or IEC 612215-2005, IEC 61730-1:2004 or latest Solar Panel with Anti-PID Certification, with IEC standard PID Degradation free. Low Temperature Coefficient, 25 years performance warranty for 80% output, 10 years product warranty.	13300 watts		
Frames 14" gauge	16		
DC 16mm World Wide cable, pure Cu, 45yrd/5KW	90		
Bolts Rawlbolts per frame	16		
32A main switch breaker for Solar	4		
AC 7/44" wire, yrds; 20yrd/5KW	40		
Power Plug Pair; 2/5KW	4		
AC input output breakers	1		
Terminals	8		
Connectors	8		
Concrete for frames	2		
Labor per 5KW system	2		
<b>TOTAL - C</b>			

## Requirement of Class Rooms Town

Description	Qty	Unit Price with Taxes	Total with Taxes Description
Capacity: 5KW, Specs: (1) Built-in dual MPPT, (2) Efficiency more than 95%. (3) IP 65. (4) Built-in surge protection. (5) Built-in reverse polarity protection. (6) Built-in Parallel Kit, support up to 9 inverters. (7) Product Warranty: minimum 1 years.  Certifications: IEC 61683, IEC 62109-1, IEC 62109-1  Charge Controller capacity Minimum : 80 Amps	1		
Mono Crystalline (Perc Half Cut Cells).  A-Grade, Module Efficiency > 17% or higher. Date of production must not be older than one year; Pre-Shipment Inspection Report must be attached. Shall be in compliance with IEC 612215-2016 or IEC 612215-2005, IEC 61730-1:2004 or latest Solar Panel with Anti-PID Certification, with IEC standard PID Degradation free. Low Temperature Coefficient, 25 years performance warranty for 80% output, 10 years product warranty.	6650 watts		
Frames 14" gauge	8		
DC 16mm World Wide cable, pure Cu, 45yrd/5KW	45		
Bolts Rawlbolts per frame	8		
32A main switch breaker for Solar	2		
AC 7/44" wire, yrds; 20yrd/5KW	20		
Power Plug Pair; 2/5KW	2		
AC input output breakers	1		
Terminals	8		
Connectors	6		
Concrete for frames	1		
Labor per 5KW system	1		
<b>TOTAL - D</b>			

## Requirement of Library Town

Description	Qty	Unit Price with Taxes	Total with Taxes
Capacity: 5KW, Specs: (1) Built-in dual MPPT, (2) Efficiency more than 95%. (3) IP 65. (4) Built-in surge protection. (5) Built-in reverse polarity protection. (6) Built-in Parallel Kit, support up to 9 inverters. (7) Product Warranty: minimum 1 years.  Certifications: IEC 61683, IEC 62109-1, IEC 62109-1  Charge Controller capacity Minimum : 80 Amps	1		
Mono Crystalline (Perc Half Cut Cells).  A-Grade, Module Efficiency > 17% or higher. Date of production must not be older than one year; Pre-Shipment Inspection Report must be attached. Shall be in compliance with IEC 612215-2016 or IEC 612215-2005, IEC 61730-1:2004 or latest Solar Panel with Anti-PID Certification, with IEC standard PID Degradation free. Low Temperature Coefficient, 25 years performance warranty for 80% output, 10 years product warranty.	5800 watts		
Frames 14" gauge	7		
DC 16mm World Wide cable, pure Cu, 45yrd/5KW	45		
Bolts Rawlbolts per frame	7		
32A main switch breaker for Solar	2		
AC 7/44" wire, Yrds; 20yrd/5KW	20		
Power Plug Pair; 2/5KW	2		
AC input output breakers	1		
Terminals	8		
Connectors	6		
Concrete for frames	1		
Labor per 5KW system	1		
<b>TOTAL - E</b>			

### Requirement of Rented Building

Description	Qty	Unit Price with Taxes	Total with Taxes
Capacity: 5KW, Specs: (1) Built-in dual MPPT, (2) Efficiency more than 95%. (3) IP 65. (4) Built-in surge protection. (5) Built-in reverse polarity protection. (6) Built-in Parallel Kit, support up to 9 inverters. (7) Product Warranty: minimum 1 years.  Certifications: IEC 61683, IEC 62109-1, IEC 62109-1  Charge Controller capacity Minimum : 80 Amps	2		
Mono Crystalline (Perc Half Cut Cells).  A-Grade, Module Efficiency > 17% or higher. Date of production must not be older than one year; Pre-Shipment Inspection Report must be attached. Shall be in compliance with IEC 612215-2016 or IEC 612215-2005, IEC 61730-1:2004 or latest Solar Panel with Anti-PID Certification, with IEC standard PID Degradation free. Low Temperature Coefficient, 25 years performance warranty for 80% output, 10 years product warranty.	13300 watts		
Frames 14" gauge	16		
DC 16mm World Wide cable, pure Cu, 45yrd/5KW	90		
Bolts Rawlbolts per frame	16		
32A main switch breaker for Solar	4		
AC 7/44" wire, yrds; 20yrd/5KW	40		
Power Plug Pair; 2/5KW	4		
AC input output breakers	1		
Terminals	8		
Connectors	8		
Concrete for frames	2		
Labor per 5KW system	2		
<b>TOTAL - F</b>			
<b>Grand (A+B+C+D+E+F)</b>			

Name & Designation: \_\_\_\_\_

Authorized Signature & Stamp: \_\_\_\_\_