

ARMY PUBLIC SCHOOL, AYODHYA CANTT

**SUPPLYING, INSTALLATION TESTING AND COMMISSIONING OF SOLAR
POWER PROJECT 30 KW ONGRID MODE WITH MONO PERC 540 WP
SOLAR PANEL ON THE ROOF TOP OF SCHOOL BUILDING.**

1. Agencies specialised in the work are requested to submit their tender form in a sealed envelope and drop in the Box placed at the school office by **18 Nov 2023**.
2. Please download the tender form and specifications etc from school website www.apsfaizabad.in. The cost of the tender form is Rs. 500/- and to be submitted along with the tender documents in the form of demand draft in favour of "Army Public School, Ayodhya".
3. Specification is attached on Appendix 'A'. Technical Bid and Commercial Bid is attached as Appendices 'B' & 'C'.
4. **Earnest Money.** All Technical Bids must be accompanied with a Demand Draft of Rs. 10,000/- (Rupees Ten Thousand only) payable to the 'Army Public School Ayodhya' which is refundable within ten days of non acceptance of the tender. All Technical Bids not accompanied with the Demand Draft will be rejected. Please note that the Commercial Bids of those dealers would be considered for opening whose Technical Bids are accompanied by a Demand Draft of Rs. 10,000/-.
5. Acceptance of Tenders. The Tenders are to be submitted in two envelopes and marked as under :-
 - (a) Technical Bid - Envelope No 1
 - (b) Commercial Bid - Envelope No 2
6. The cost of the project should be inclusive of GST.
7. Payment will be released by cheque/NEFT once the work has been completed and checked by a Board of Officers for its correctness.
8. The Presiding Officer reserves its right to reject or cancel any or all the tenders without assigning any reasons whatsoever.

Yours faithfully,

Sd/- xxx
(Presiding Officer)

SPECIFICATIONS

S/NO	Description	Features	Specifications
1.	MAIN ELECTRICAL EQUIPMENT	SOLAR MODULES	Solar PV Modules 540 Wp Mono Perc Half Cut Bifacial Crystalline Modules
		SOLAR INVERTER	Solar Grid Tie Inverter 30KW (3 Phase)GTI/Dual MPPT
2.	ELECTRICAL PART, CABLING & EARTHING SYSTEM	DCDB (DC SAFETY UNIT)	DCDB 4 IN 1 OUT 1 MPPT
		AC DISTRIBUTION BOX	AC Distribution Box complete with 1 Nos Class I+II Surge Protective Device with CT & Multifunction Meter, -1 No of 63 Amp incoming MCBs/MCCB & Outgoing MCCB/ACBs
		CABLES	From PV Modules to LT Panel
			1Cx4Sq mm Solar DC Cable
			1Cx10 Sq mm, Cu Unarmound
			3.5Cx25 Sq mm, Al Armoured
		EARTHING	1Cx10 Sq mm unarmoured Cu cable-Structure, DCDB, Inverter & ACDB earthing
			Earthing Chemical gel earthing Kit-2 Mtr+20 Kg bag
25x5 mm GI earthing strip-LA earthing			
Lighting Arrestor Conventional 25 Mtr Radius			
3.	MODULE MOUNT STRUCTURE WITH ACCESSORIES	MODULE STRUCTURE & CLAMPING ACCESSORIES	Hot Dip galvanized with SS Fastners Mounting Structure (As Concrete mounting block 350x350x350 mm)
4.	INSTALLATION & COMMISSIONING WORK	LOADING, UNLOADING & INSTALLATION	Installation & Commissioning including consumables as per site conditions

COMMERCIAL BID

S/NO	Description	Features	Specifications	Amount (Rs.) (Inclusive of GST)
1.	MAIN ELECTRICAL EQUIPMENT	SOLAR MODULES	Solar PV Modules 540 Wp Mono Perc Half Cut Bifacial Crystalline Modules Make _____ Warranty _____	
		SOLAR INVERTER	Solar Grid Tie Inverter 30KW (3 Phase)GTI/Dual MPPT Make _____ Warranty _____	
2.	ELECTRICAL PART, CABLING & EARTHING SYSTEM	DCDB (DC SAFETY UNIT)	DCDB 4 IN 1 OUT 1 MPPT	
		AC DISTRIBUTION BOX	AC Distribution Box complete with 1 Nos Class I+II Surge Protective Device with CT & Multifunction Meter, 1 No of 63 Amp incoming MCBs/MCCB & Outgoing MCCB/ACBs	
		CABLES	From PV Modules to LT Panel	
			1Cx4Sq mm Solar DC Cable	
			1Cx10 Sq mm, Cu Unarmoured	
		EARTHING	3.5Cx25 Sq mm, Al Armoured	
			1Cx10 Sq mm unarmoured Cu cable-Structure, DCDB, Inverter & ACDB earthing	
			Earthing Chemical gel earthing Kit-2 Mtr+20 Kg bag	
25x5 mm GI earthing strip-LA earthing Lighting Arrestor Conventional 25 Mtr Radius				
3.	MODULE MOUNT STRUCTURE WITH ACCESSORIES	MODULE STRUCTURE & CLAMPING ACCESSORIES	Hot Dip galvanized with SS Fastners Mounting Structure (As Concrete mounting block 350x350x350 mm)	
4.	INSTALLATION & COMMISSIONING WORK	LOADING, UNLOADING & INSTALLATION	Installation & Commissioning including consumables as per site conditions	
G/Total				

Dated : Nov 2023

(Signature with stamp)

TECHNICAL BID (VENDOR/AGENCY DETAILS)

Ser No	Documents/ Features of Items	Document Produced by Vendor Yes/No	Remarks
1.	No of years of experience		
2.	IT Return copy		
3.	List of establishments/organization where your firm is executing supply along with a zerox copy of work order/certificate of satisfactory performance		
4.	Profile of company/Agency/Vendor		
5.	GST/IGST No		
6.	Terms and conditions accepted or not		

- (a) Please attach copy for serial no. 1 to 5.
- (b) Prices quoted must be inclusive of all taxes.