

Annex-B-2						
CONSTRUCTION AND INSTALLATION OF DEMAND BASE IRRIGATION SYSTEM AT GOVT GIRLS HIGH SCHOOL KORAGAI WASHUK						
BOQ OF SUPPLY & INSTALLATION OF SOLAR SYSTEM 3" DIA						
Sr.No	Description of Work	Quantity	Units	Brand Offered	Unit Price	Total Price
1	Solar Panel 600 Watts					
	Supply, Install, connect, test and commission of SOLAR PANEL (Chinese) & accessories.	6.00	No			
2	Solar Submersible (4.5 HP)					
	Providing and fixing at Site of Certified Solar Submersible Pumpset including Motor of Chinese Make, complete in all respects including all taxes. 4.5 HP Pump Set	1.00	No			
3	Impellers					
	Impellers SP 46 for 4.5 HP Motor	6.00	No			
4	HDPE Pipe 25mm or 1"					
	Supplying HDPE pipes density 700-960 kg/cu.m and carbon black contents > 2% with DIN-8074, 8075 or PS-3580:1997(rev.) ISO 9001-2000 pressure classification of PE -100 (black) for water PN-16 including specials and valves. 25 mm	200.00	Rft			
5	Solar Inverter 4.5 KW					
	Supply, Install, connect, test and commission of SOLAR Inverter (Chinese) & accessories.	1.00	No			
6	DC Cable 6mm2 four Core					
	Supply, Install, connect, test and commission of CABLES & accessories. DC Cable Stranded and flexible insulated copper DC wires and cables must be used for all outdoor and indoor installations. voltage drop must not exceed 1% on DC side of the power inverter and 1.5% on AC side of the power inverter. The wiring that leads into the pole, protected in a PVC Spiral / Flexible conduit. External cables adapted to outdoor exposure as per IEC 60811.The outer insulation: sunlight (UV)-resistant and weather-	250	Rft			
7	DC Cable 4mm2 Single Core					
	Supply, Install, connect, test and commission of CABLES & accessories. DC Cable Stranded and flexible insulated copper DC wires and cables must be used for all outdoor and indoor installations. voltage drop must not exceed 1% on DC side of the power inverter and 1.5% on AC side of the power inverter. The wiring that leads into the pole, protected in a PVC Spiral / Flexible conduit. External cables adapted to outdoor exposure as per IEC 60811.The outer insulation: sunlight (UV)-resistant and weather-	300	Rft			
8	Solar Mounting Structure					
	Solar Mounting Frame made by angle Iron and girder complete in all respect as per engineer incharge	6	No			
9	Rope for sumbersible					
	Providing and installation of rope of any best quality strenght for sumbersible in all repect as per engineer incharge.	350.00	Rft			
Total Amount(Inclusive of all Govt. applicable Taxes, Deliveries, Transportations and Installations, if any)						