

SCHEDULE 'B'						
NAME OF WORK: CONSTRUCTION OF NEW ADMINISTRATIVE OFFICE BUILDING AT KANDALA						
Sl. No.	Description	Qty.	Rate (₹)	Unit	Amount (₹)	Remarks
1.00	Supply, installation, testing and commissioning of on grid Solar Photovoltaic Power Plant of 150 kWp (minimum 3-Phase AC output) rating conforming to MNRE specification as amended, consisting of Mono Crystalline silicon solar cells, net metering facility, necessary protection, earthing, mounted on Aluminium / GI structure of suitable strength with following components complete as required:	1		Job		
	[a] Solar Photovoltaic Module of capacity 545Wp or above, manufactured in India, conforming to IS 14286 / IEC 61215, IS / IEC 61730-1, IS / IEC 61730-2. Solar Photovoltaic Module conversion efficiency shall not be less than 16.5%. PV modules used in solar power plants / systems must be warranted for their output peak watt capacity, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years.					
	[b] Power Conditioning Unit (PCU) of 200 to 1000 V DC Input voltage range and 415 VAC, three phase, 4wire, 50Hz+/-3Hz, output voltage suitable to generate AC Power with efficiency not less than 98%, total harmonic distortion less than 1.5% and suitable for ambient temperature from 0 to 65 degree C. The PCU shall adjust the voltage and frequency level to suit the Grid Voltage Frequency.					
	[c] Data Monitoring System complete with accessories.					
	[d] Fixing of Array junction box & Main junction box with IP65 protection and termination arrangement for incoming and outgoing cable along with glands, lugs and other accessories etc. as required.					
	[e] Lightning and surge voltage protection.					
	[f] connections & Interconnections by supplying & fixing required size XLPE insulated copper conductor 1.1 kV grade armoured power and control cables between solar modules, main power cable to grid supply PCU unit along with supplying & fixing of necessary channel / conduit lugs and other accessories etc. as required.					
<b>Total of Amount : Rs.</b>						
<p style="text-align: center;">Rupees _____</p> <p><b>Note :- Rate quoted by the firm shall be included taxes , duties , all incidental charges but Excluded Goods &amp; Services Tax (GST).</b></p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div> <p><b>Signature &amp; Seal of Contractor</b></p> </div> <div> <p><b>Executive Engineer (Electrical)</b> <b>Deendayal Port Authority</b></p> </div> </div>						