

ANNEXURE-I TO AMENDMENT-1

1.1 Project Particulars

	UOM	Yellandu	Manuguru	Ramagundam	STPP
<b>Design &amp; Engineering</b>					
Proposed AC capacity of the solar power plant	MW	39	30	50	10
Minimum DC capacity	MWp	43	33	55	11
Technology	-	Mono/ Multi Crystalline/ Thin film	Mono/ Multi Crystalline/ Thin film	Mono/ Multi Crystalline/ Thin film	Mono/ Multi Crystalline/ Thin film
Origin of manufacturer	-	Open	Open	Open	Open
O&M period	Years	10	10	10	10
Design life of PV Power plant	Years	25	25	25	25
<b>Site Coordinates and Land Details</b>					
Latitude	Degree	17.57009	17.96	18.667	18.8344
Longitude	Degree	80.31941	80.83	79.5333	79.5607
Altitude	m	226	69	167	142
Village	-	Yellandu	Manuguru	Mulkalpalee	Pegadapally
District	-	Bhadradi Kothagudem	Bhadradi Kothagudem	Peddapally	Mancherial
State	-	Telangana State			
Location	-	Yellandu	Manuguru	Peddapally	SCCL Thermal Plant, Pegadapally
Type of Land	-	Govt. Land			
Owner of Project	-	Singareni Collieries Company Limited			
Owner of Land	-	Singareni Collieries Company Limited			
<b>Electrical Interconnection Details</b>					
Substation Details	-	132/33kV Yellandu S/S	220/132/33 kV Manuguru S/S	132/33kV SCCL S/S	33/3.3kV SCCL Indaram Khani UG Mine S/S
Distance to connecting substation (approx.)	m	8000	3000	2500	10,000
<b>Access</b>					
Nearest Urban Area	-	Khammam (30km)	Bhadradi Kothagudem	Peddapally	Mancherial (14.6km)
Nearest Highway	-	NH 365A		Rajiv Rahadari State Highway	
Nearest Railway Station	-	Khammam (30km)	Manuguru	Peddapally	Mancherial (14.6 km)
Nearest Domestic Airport	-	RGIA, Hyderabad			
<b>Other Details</b>					
Construction Water	-	To be arranged by the Contractor			
Construction Power	-	To be arranged by the Contractor			
<b>Performance Parameters</b>					
Minimum values of PR and CUF of the plant after netting off the auxiliary consumption					
Performance Ratio (PR)	-	0.78			
Capacity Utilization Factor (CUF)	%	20%			

Note: The above table shall be referred as FINAL for all references across the tender.