Sl.No.	Project	UOM	M/s. CPCC (1 x 6 MW)	M/s. AGR (1 x 8 MW)	M/s. LSRM (1 x 5 MW)	M/s. Pagasa (1 x 3 MW)	M/s. Shirpur Power & steel (1 x 8 MW)
	Type of plant		Co-gen Power plant	Co-gen Power plant	Captive Power plant	Co-gen Power plant	Independent Power plant
	Site		Philippines	Dubai	Philippines	Philippines	Raipur, Chatisgarh
I	**Boiler**						
1	Type		Travelling grate	AFBC	Travelling grate	Travelling grate	AFBC
2	Capacity	TPH	1 x 55	1 x 62	1 x 23	1 x 16	1 x 36
3	Pressure	Ata	67 ata	67 ata	67 ata	68 ata	67 ata
	Temperature	°C	485°	490°	490°	495°	490°
4	Feed water Temperature	°C	126	130	126	126	126
5	Single drum / Bi drum		Bi-drum	Single drum	Bi-drum	Bi-drum	Bi-drum
6	Fuel		Biomass /Coal	Coal	Ricehusk	Ricehusk	Coal / Ricehusk
II	**Turbine**						
	Turbine make		Shin Nippon	Shin Nippon	Shin Nippon	Siemens	Triveni
	Type of Turbine		Horizontal, impulse, multi stage, condensing, extraction	Horizontal, impulse, multi stage, condensing, extraction	Horizontal, impulse, multi stage, condensing, extraction	Bleed cum condensing	Bleed cum condensing
	Capacity		1x 6 MW	1x 8 MW	1x 5 MW	1x 3 MW	1x 8 MW
	Turbine inlet Pressure / Temperature		65 ata / 480°C	64 ata / 485°C	65 ata / 480°C	65 ata / 480°C	64 ata / 485°C
	Turbine Exhaust pressure		0.089 ata	0.18 ata	0.18 ata	0.17 ata	0.1 ata
	Entry orientation		Side	Side	Side	Top	Top
	Exhaust orientation		Bottom	Top	Top	Top	Bottom
	Type of condenser		Water cooled condenser	Air cooled condenser	Air cooled condenser	Air cooled condenser	Water cooled condenser
III	**ACC**						
	Design ambient temperature	°C	Not applicable	42	38	38	Not applicable
	Turbine Exhaust Steam flow rate	TPH		21	19.52	12	
	No. of cells	Nos.		2	2	1	
	Fin type			KL (Knurled) - Aluminium	KL (Knurled) - Aluminium	KL (Knurled) - Aluminium	
	MOC upto fan deck level			MS	RCC	RCC	
	Turbine exhaust pressure	Ata		0.181	0.17	0.17	
	Turbine exhaust temperature	°C		57.53	56.19	56.87	
	Exhaust steam enthalpy	kcal/kg		605.6	582	582	
	Condensate temperature at outlet of ACC	°C		56.04	54.54	55.85	
	Condensate enthalpy at outlet of ACC	kcal/kg		56.1	54.6	56.1	
	FHS		Coal handling system - 17 TPH Biomass handling system - 15 TPH	Not in scope	Lean phase Ricehusk handling system - 8 TPH	Lean phase Ricehusk handling system - 5 TPH	Coal handling system - 30 TPH Ricehusk handling system - 10 TPH

	AHS		Front ash - Submerged ash handling Fly ash - dense phase	Bed ash - Manual Fly ash - dense phase	Front ash - Submerged ash handling Fly ash - dense phase	Front ash - Submerged ash handling Fly ash - dense phase	Bed ash - Manual Fly ash - dense phase
	WTP		Flow : 36 m3/hr Scheme : MGF - UF-RO - DG - MB - DM tank	Flow : 48 m3/hr Scheme: Condensate tank - ACF - IPF - Distilled water tank - MB - DM tank	Flow : 5 m3/hr Scheme: MGF - ACF - 2 x SAC - 2 x SBA - 2 x MB - UF- DM tank	Flow : 2.5 m3/hr Scheme: MGF - IRF - ACF - UF- RO- SAC- SBA -MB -DM tank	Flow : 5 m3/hr Scheme: SAC-DG-SBA-MB-DM tank
	CT		4 x 300 m3/hr FRP CT above RCC basin	2 x 155 m3/hr (1W+1S) FRP CT above RCC basin	2 x 145 m3/hr (1W+1S) FRP CT above RCC basin	1 x 110 m3/hr (1W+0S) FRP CT above RCC basin	2 x 1150 m3/hr (2W+0S) RCC CT
	Compressor		2 x 410 Nm3/hr (1W+1S) Instrument cum service cum ash conveying air compressor	2 x 237 Nm3/hr (1W+1S) Instrument cum service air compressor	2 x 330 Nm3/hr (1W+1S) Instrument cum service cum ash conveying air compressor	2 x 325 Nm3/hr (1W+1S) Instrument cum service cum ash conveying air compressor	2 x 510 Nm3/hr (1W+1S) Instrument cum service cum ash conveying air compressor
	Crane		EOT crane - 15 / 5 Tonnes	EOT crane - 20 / 5 Tonnes	EOT crane - 10 Tonnes	EOT crane - 10 Tonnes	EOT crane - 15 Tonnes