SCHEDULE 1

DETAILS OF THE FACILITY

FACILITY/IES

1. **[Seller to provide a one (1) paragraph description of the Facility (including where there is a Non-Dispatchable Facility) and its components and a scale drawing of each Facility, in high resolution, showing the layout of such Facility, including:**

1.1. location of each Facility;

1.2. Facility layout including all power plant, infrastructure and buildings;

1.3. Facility substation and the Distribution or Transmission substation (as the case may be);

1.4. Delivery Point;

1.5. cables up to the Delivery Point;

1.6. the location of all Metering Installations (in respect of the Facility and or the System, as the case may be);

1.7. Fuel delivery system to the Facility and storage facilities;

1.8. water and wastewater delivery system to and from the Facility and storage facilities;

1.9. waste material disposal transportation and storage facilities;

1.10. access roads;

1.11. a reference weather station and back up weather station specified with reference to the technology of the Facility;

1.12. the legal description of the property or properties covered by the Site, including a copy of the relevant Title Deed and a Conveyancers' Certificate in respect of any restrictions to the lease of property where relevant, farm name, farm number and registration division, magisterial district and farm subdivision name; and

1.13. a clear depiction of the Site boundary as well as the co-ordinates of each corner point along the boundary (including the coordinate system used) and a scale

map that identifies the location of the Project Site. The polygon formed by the Project Site boundary should close, so the last co-ordinate must be the same as the first co-ordinate.

1.14. Google images of the facility or plane and two side views pictures where google images are not yet available or are not clear. Images should be annotated to identify main components of the facility.

If all of the above information cannot be incorporated onto a single, easily legible, drawing or map, then more than one drawing or map may be used.]

[This Schedule will be populated in the following details, which will be extracted from the Bid Response submitted in respect of the Facility]

Facility Details [Bidders are required to provide a completed table in respect of each Facility]

Dispatchable Facility

Project Name	
Facility Name	
Facility Contracted Capacity [MW]	
Maximum Export Capacity (as defined in the Distribution Agreement or Transmission Agreement, as the case may be): [MW]	
No. of Facilities	
Current Contracted Capacity [MW] for each Facility	
Design Auxiliary Consumption of the Facility [MW]:	
Design Auxiliary Consumption per Facility for various operating regimes:	
Continuous Peak Power (MWac)	
Residual Capacity (MWac)	

Target HHV net heat rate of the Facility [kJ/kWh] at Facility Contracted Capacity:	
Capacity on offer (MWac)	
Power Plant Technology	
Fuel	
Storage Technology (where applicable)	
Main Metering Installation: [To include metering equipment including all meters, fittings, equipment and wiring used for measuring the flow of electricity, and associated infrastructure at the Delivery Point in accordance with clause 1 (Metering) of the STPPA.	
Minimum Stable Load [MW] for each Facility	

Ambient Site Conditions (as applicable to Facility technology)

Parameter	**Units**	**Value**
Annual Average Ambient Dry Bulb Temperature	^{0}C	
Maximum Ambient Dry Bulb Temperature (hourly average)	^{0}C	
Minimum Ambient Dry Bulb Temperature (hourly average)	^{0}C	
Annual Average Ambient Wet Bulb Temperature	^{0}C	
Maximum Ambient Wet Bulb Temperature (hourly average)	^{0}C	

Parameter	Units	Value
Minimum Ambient Wet Bulb Temperature (hourly average)	^{0}C	
Annual Average Relative Humidity	%	
Maximum Relative Humidity (hourly average)	%	
Minimum Relative Humidity (hourly average)	%	
Annual Average Water Source Temperature	^{0}C	
Maximum Average Water Source Temperature	^{0}C	
Minimum Average Water Source Temperature	^{0}C	
Annual Average Barometric Pressure	mbar	
Maximum Average Barometric Pressure	mbar	
Minimum Average Barometric Pressure	mbar	
Elevation of site (finished level)	Meters above mean sea level	
Seismic Criteria Intensity Magnitude		
Average Global Horizontal irradiance	kWh/m^2/year	
Normal Maximum Wind Speed	m/s	
Average Annual Rainfall	mm	
Maximum Rainfall Rate mm/day	mm	

Reference Site Conditions (as applicable to Facility technology)

Parameter	Units	Value
Reference Ambient Dry Bulb Temperature for Contracted Capacity	^{0}C	
Reference Ambient Wet Bulb Temperature for Contracted Capacity	^{0}C	
Reference Condenser Cooling Water Inlet Temperature for Contracted Capacity	^{0}C	
Reference Relative Humidity for Contracted Capacity	%	
Reference Barometric Pressure for Contracted Capacity	mbar	

Terminal points

[Seller to provide a list of Terminal Points for the Facility in the Table below:]

Item	Terminal point and location	Party

Key Equipment

[Seller to provide the manufacturer and description of the Key Equipment in the Table

Item	**Manufacturer**	**Brief description** ***[Specific equipment details including description, model or other unique identifier, size and rating]***
Gas Engine (if applicable)		
Gas Turbine (if applicable)		
PV Panels (if applicable)		
Inverter (if applicable)		
WTG (if applicable)		
Engine (if applicable)		

Item	Manufacturer	Brief description *[Specific equipment details including description, model or other unique identifier, size and rating]*
Generator (if applicable)		
High Voltage Transformers		
Cooling Technology (if applicable)		
Emissions abatement systems (if applicable)		
Other		

Technical codes and standards

The Key Equipment in the Facility is designed, manufactured, installed, commissioned and tested in accordance with standards published by any of the following authorities (or any successors thereof):

1. ACI - American Concrete Institute;
2. AISC - American Institute of Steel Construction;
3. AISI - American Iron and Steel Institute;
4. ANSI - American National Standards Institute;
5. API - American Petroleum Institute;
6. ASHRAE - American Society of Heating, Refrigeration & Air Conditioning Engineers;
7. ASME - American Society of Mechanical Engineers;
8. ASTM - American Society for Testing and Materials;
9. AWS - American Welding Society;
10. AWWA - American Water Works Association;

11.	BSI	-	British Standards Institution;
12.	CEN	-	European Committee for Standardization;
13.	CENELEC	-	European Committee for Electrotechnical Standardization;
14.	DIN	-	German Standardization Institute;
15.	EHS	-	The IFC's EHS Guidelines.
16.	EN	-	EuroNorm;
17.	HEI	-	Heat Exchange Institute;
18.	HIS	-	Hydraulic Institute Standard;
19.	IEC	-	International Electrotechnical Commission;
20.	IEE	-	Institute of Electrical Engineers;
21.	IEEE	-	Institute of Electrical and Electronics Engineers;
22.	IP	-	Institute of Petroleum;
23.	ISO	-	International Standards Organization;
24.	JIS	-	Japanese Industrial Standards;
25.	MSS	-	Manufacturer's Standardization Society;
26.	NEMA	-	National Electrical Manufacturers Association;
27.	NERSA	-	National Energy Regulator of South Africa
28.	NFPA	-	National Fire Protection Association;
29.	SANS	-	South African National Standards;
30.	SFS	-	Finnish Standards Authority;
31.	SSPC	-	Society for Protective Coatings (formerly Steel Structures Painting Council);
32.	TEMA	-	Tubular Exchanger Manufacturers Association;

33. TRD - Technical Rules for Steam Generators;

34. TUV - Technischer Überwachungsverein

35. VDE - The Association for Electrical, Electronic and Information Technologies;

36. VDI - Association of German Engineers;

37. VGB - Society of large utility owners;

38. South African codes and standards required by legislation; or

39. alternative equivalent standards as listed below: [INSERT WHERE APPLICABLE]

40. A consistent set of standards shall be used for the design of all equipment and structures (i.e. American or British Standard to be used consistently for the design of concrete structures). In addition, the latest version of all applicable standards should be used.

[**Note to Bidders: details of the original standard and publishing authority relating to the alternative equivalent standard from the Bidder's Bid Response are to be inserted here.**];

[Note to Bidder: details of the alternative standard and publishing authority relating to the alternative equivalent standard from the Bidder's Bid Response are to be inserted here.];

[Note to Bidders: details of any additions or amendments required to achieve equivalency relating to the alternative equivalency standard from the Bidder's Bid Response are to be inserted here.]; and

[Note to Bidders: the above points must be repeated for all alternative equivalent standards proposed to be used in a Bidder's Bid Response.].

P90 Forecast Energy Output

The Bidder to provide the average annual forecasted Energy Output [MWh] for the first 20 years of operation or for the duration of this Agreement (whichever is the shortest). Forecasts shall be based upon P90 estimates.

Contract Year	Capacity MWac or MWp	Forecast Annual Energy Output (MWh)	Time of supply (Start time – End time)	Dispatchability (Y/N)
1				
2				
3				

Seller to provide the average **Monthly** forecasted Energy Output [MWh] for each Month per a year, in order to indicate the percentage of the Annual Energy Output for each Month in one year of operation. Forecasts shall be based upon P90 estimates.

Contract Month	Capacity MWac or MWp	Forecast Monthly Energy Output (MWh)	Time of supply (Start time – End time)	Dispatchability (Y/N)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				