

## **Solar PV Operation and Maintenance Agreement**

### **Exhibit B (1) MAINTENANCE SCOPE OF SERVICES: BASIC PACKAGE**

Contractor will perform the following Scope of Services for maintenance of the System.

#### **1. Remote Monitoring and Technical Support Hotline**

- a. Provide remote monitoring of System operations via Internet connection.
- b. Be available by e-mail, phone support hotline and/or customer portal for technical support and work to respond to Owner's request/inquiry within a reasonable time frame.

#### **2. Annual Services**

##### **A. General Preventative Maintenance**

- Check and confirm proper torque settings of wire terminations.
- Visually inspect system for loose wiring or any other safety or performance hazards including tree growth.
- Take and log all voltage and current readings at the inverter.
- Take and log instantaneous kW output of inverter.
- Compare actual instantaneous output to expected weather corrected output.
- Take and log cumulative kWh readings of inverter.
- Visually inspect any plug and receptacle connectors between the modules and panels to ensure they are fully engaged. Tighten any loose connectors.
- Check that strain reliefs/cable clamps are properly installed on all cables and cords by pulling on cables to verify. Tighten any loose clamps.
- Check to see that all wiring is neat and well supported. Tighten any loose connections.
- Perform Preventive Maintenance on inverters per manufacturer's instructions, including cleaning inverter air filters and cleaning/removing dust from inverter heat sinks
- Perform manufacturer recommended maintenance on racking (including tracker installations).
- Perform electrical testing on system to ensure string performance.
- Create and issue written inspection report.

##### **B. Sensors, Meters and DAS (including pyranometers and anemometers):**

During the annual service visit to each Site, Contractor shall:

- Record meter readings as available.
- Turn off and on to ensure they are communicating and ensure battery backups are working.
- Check accuracy of instruments with reference portable instruments
- Clear off irradiation sensors; check wind sensors for obstructions
- Lubricate moving parts of wind sensor if required by manufacturer
- Clear any debris from temperature sensors.