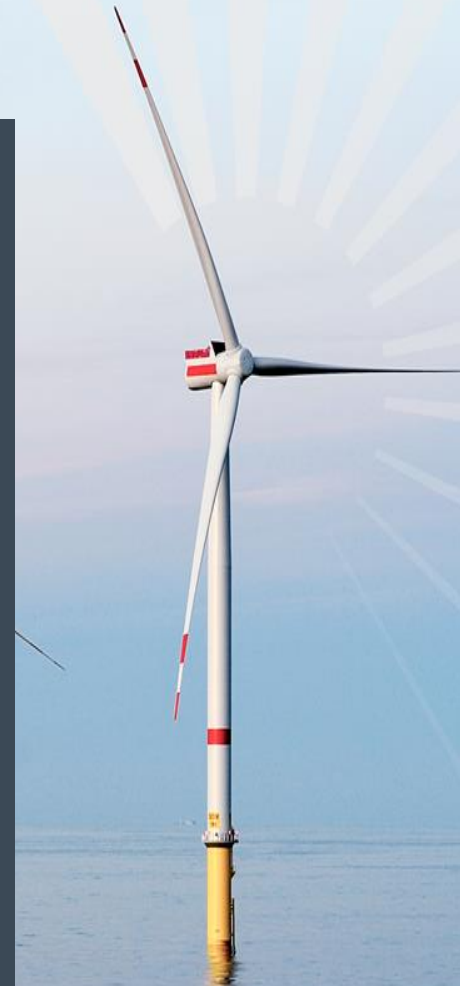


New York Supplier Forum

South Fork Wind Onshore (OnSS) Substation Inspection & Maintenance

**Sunrise
Wind**

Powered by
Ørsted &
Eversource



OnSS Substation Inspection & Maintenance

Scope Description

132MW HVAC Onshore Substation

- East Hampton, NY

Contract in place Fall 2023

- OnSS completed in late summer 2023

Seeking suppliers to inspect & maintain

- High Voltage Components
- Low Voltage Components
- Mechanical Systems

Intend to promote the inclusion of diverse business enterprises as tier-1 or identified sub

South Fork Wind Project Locations East Hampton, NY



Construction Photos



OnSS Substation Inspection & Maintenance

Component List

System	OEM / Key Installer	Components
HV System	HICO	<ul style="list-style-type: none"> • 3 Phase Auto-Transformer • Fixed Shunt Reactor
	Hitachi Energy	<ul style="list-style-type: none"> • Harmonic Filter • 138kV Circuit Breaker • 69kV Circuit Breaker • SCADA Comms / SCS • STATCOM • Auxiliary Transformer
LV System	AZZ (Control House)	<ul style="list-style-type: none"> • LV-AC Main Distribution System • LV-AC Sub Distribution System • DC System • DC Main Distribution System • HV Protection System • Fire Protection
	AZZ / Mitsubishi	<ul style="list-style-type: none"> • UPS System
	AZZ / Bard	<ul style="list-style-type: none"> • HVAC Heating and Cooling • HVAC Ventilation Distribution • HVAC DDC Control System
	Dis-Tran (Substation Package)	<ul style="list-style-type: none"> • Lightning System • Emergency Propane Generator • 69kV Disconnect Switches • 69kV Potential Transformer • 138kV CCVT • 69kV SSVT
	Haugland (Substation Construction)	<ul style="list-style-type: none"> • Grounding System (LV to HV)

OnSS Substation Inspection & Maintenance

Inspection Details

- **# Inspections:** Determined by O&M manual – likely periodic
- **Length of time per inspections:** Ørsted will dictate maintenance intervals (6M, 1Y) in RFP. Will request estimated time to perform services from bidder (# hours, # technicians)
- **Equipment performance metrics: OnSS:** remotely monitored + managed from 22RW ops center. Contractor will not be responsible for equipment performance, only maintenance
- **MTTR Mean Time To Repair:** Requesting guaranteed response time for contractor to arrive prepared to perform works
- **Reporting:** RFP will contain information on FSR (Field Service Report) specifications
- **NERC Requirement:** Ørsted manages substation under NERC requirements and will expect contractor to adhere
- **Security for equipment:** Contractor not responsible for physical security, Ørsted managing as internal or separate scope.

OnSS Substation Inspection & Maintenance

Procurement Timeline

April 2023 – Present to Public at Supply Forum

May/June 2023 – Individual Vendor Meetings

June/July 2023 – RFP Released (subject to change)

August/September 2023 – Proposals Due

October 2023 – Negotiations, BAFO, Contract Award

November 2023 – Contractor Begins Work

OnSS Substation Inspection & Maintenance

Contact & Portal Information

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The screenshot displays the Orsted Procurement Portal homepage. At the top left is the Orsted logo. The main header features the text 'Ørsted Procurement Portal' over a background image of offshore wind turbines. Below this, there are two primary sections: a blue 'Register in the Procurement Portal' section and a white 'Login' section. The registration section includes a 'Supplier Registration' link and text explaining that suppliers can register to become part of Orsted's database. The login section is divided into 'Existing Procurement Portal users' with fields for 'Username' and 'Password', and 'Contract Management & Execution' with a 'Log In' button and a note that this portal will be activated during Fall 2020. At the bottom, a 'Support for suppliers' section contains five icons with labels: 'Open Tenders', 'Written Guide', 'Video Guide', 'Support', and 'Tech Support'.

Orsted

Ørsted Procurement Portal

Register in the Procurement Portal

As a supplier, you can register your organization to become a part of Ørsted's database and get access to your own profile.

Ørsted use the Procurement Portal to manage e-sourcing, supplier management and contract management and execution activities.

[Supplier Registration](#)

Log In

Existing Procurement Portal users

Username* Password*

[Log In](#) [New Supplier? Register here](#) [Forgot password](#)

Log In

Contract Management & Execution

[Log In](#) Please note: The Contract Management & Execution Portal will be activated during Fall 2020.

Support for suppliers

- Open Tenders
- Written Guide
- Video Guide
- Support
- Tech Support