

## Offshore wind supply opportunities

	Category	Sub-category	Scope
1	Offshore Subsea Cable Systems	Offshore Cables (Array & Export)	Bend stiffeners
2			Cable accessories
3			Clamps
4			Offshore cable manufacture and supply, High Voltage (HV)
5			Offshore cable manufacture and supply, Medium Voltage (MV)
6			Scour protection
7			Termination equipment
8	Offshore Substation	Topside Structure	Buildings
9			Emergency systems
10			Fabricated primary, secondary tertiary steel
11			Fire protection systems
12			Flooring
13			Helipad
14			Protective coatings
15		Electrical Systems	Earthing / grounding system
16			Earthing/auxiliary transformer system
17			Heat tracing system
18			High and medium voltage cable system
19			High voltage distribution system (GIS)
20			High voltage shunt reactor
21			Light distribution system
22			Lightning protection system

23		Low voltage supply system
24		LV/MLV voltage cable system
25		Main transformer >66kV <345kV
26		Main transformer 66kV
27		Medium voltage distribution system (GIS)
28		Small power distribution system
29		Uninterruptible Power Supply system (UPS)
30	<b>Protection and Control System</b>	Access control system
31		Auxiliary control monitoring system (ACMS)
32		Cyber security system
33		Fire alarm system
34		HV/MV monitoring system
35		Power quality/fiscal metering system
36		Protection system HV / MV
37		SCADA system
38	<b>Communication and IT</b>	Closed-circuit TV system (CCTV)
39		Fibre distribution system
40		Heat tracing systems
41		Local Area Network system (LAN)
42		Public address and general alarm system (PA/GA)
43		Telephone system
44		Terrestrial trunked radio system (TETRA)
45		VHF radio telephone system
46		Weather station system
47		Wireless local area network system (WLAN)
48	<b>Auxiliary Support</b>	Backup generators (diesel)

49		Bird deterrent system
50		Cleaning water system
51		Closed drain system
52		Diesel bunkering
53		Heating and cooling system
54		HVAC LV and control system
55		Oil separator system
56		Open drain system
57		Potable water system
58		Sanitary waste water system
59		Seawater utility pumps
60		Sump tank system
61		Ventilation system
62	<b>Emergency Management</b>	Cold water PPE and rescue equipment
63		Equipment for abandonment
64		Fire alarm system
65		Foam system
66		Helicopter crash equipment
67		Passive fire protection system
68		Personal rescue and safety systems
69		Portable fire protection system
70	<b>Platform identification system</b>	Automatic identification system (AIS/AIS AtoN)
71		Automatic terminal information service system (ATIS)
72		Aviation and marine navigation lighting systems
73		Illuminated wind sock system

74			Night marking system
75			Obstruction lighting system
76		<b>Material Handling Systems</b>	Crane/hoist
77			Davit crane
78			Storage and transfer system
79		<b>Other</b>	Accommodation facilities
80			Corrosion protection
81			Surface protection
82			Welfare facilities
83	<b>Offshore Substation Foundation (Jacket)</b>	<b>Pile System</b>	Pile sleeves
84			Piles
85			Scour protection
86		<b>Primary Structure</b>	Anodes
87			Corrosion protection
88			Fabricated structural steel
89			Primary Steel
90		<b>Secondary Steel</b>	Anodes
91			Boat landing system
92			Corrosion protection
93			Crane, lifting aids
94			Crew access system and work platform
95			External access system
96			Fabricated steel components (ladders, rails, platforms, grating, kickplates, stairs etc)
97			J-tube
98			Secondary Steel
99	<b>Offshore Wind turbine</b>	<b>Nacelle</b>	Bedplate

100		Condition monitoring system
101		Control system
102		Cooling systems
103		Fire protection
104		Gearbox
105		Generator
106		Lifting equipment - Service Crane(s)
107		Lighting and Marking
108		Main bearing
109		Main shaft
110		Nacelle auxiliary systems
111		Nacelle cover
112		Power converter
113		Switchgear
114		Transformer
115		Yaw bearing
116		Yaw system
117	<b>Rotor</b>	Blade bearings
118		Blades
119		Hub casting
120		Pitch system
121		Rotor auxiliary systems
122		Spinner
123	<b>Tower</b>	Auxiliary Systems
124		Corrosion protection
125		Electrical systems
126		HVAC

127			Lighting systems
128			Tower damping systems
129			Tower internals (ladders, rails, platforms, fall arrest)
130			Tower lift
131			Tower structure
132	<b>Offshore Wind Turbine Foundation</b>	<b>Transition Piece</b>	Anodes
133			Boat landing system
134			Corrosion protection
135			Crew access system and work platform
136			Davit crane, lifting aids
137			External access system
138			Fabricated steel components (ladders, rails, platforms, grating, kickplates, stairs etc)
139			Lighting and marking, navigational and aviation aids
140			Lighting systems
141		Primary / secondary steel	
142		<b>Monopile</b>	Anodes
143			Corrosion protection
144			Primary steel
145			Scour protection
146			<b>Onshore Substations</b>
147	Buildings and architectural services		
148	Cable ladders and trays		
149	Landscaping supplies		
150	Pile systems		
151	Prefabricated buildings, control rooms		

152		Prefabricated concrete products - blast walls, ducts, cable trays etc.
153		Secondary steel - structures, posts, footings, fences, ladders, stairs, etc
154		Structural concrete
155		Structural steel - fabricated tubulars (gantry)
156		Structural steel - lattice
157		Towers and masts - lighting, lightening protection
158		Welfare facilities
159	<b>Electrical Systems</b>	Auxiliary power transformers
160		Back up power supplies
161		Battery Energy Storage Systems (BESS)
162		Cable accessories & joints
163		Circuit breakers
164		DC supply, batteries and chargers
165		Disconnectors
166		Distribution boards
167		Earthing / grounding system
168		EHV bus components
169		EHV, HV, MV cable supply
170		Instrument transformers
171		Insulators
172		Isolators
173		Lightning protection system
174		Low Voltage (LV), control cables and accessories
175		Power transformer 500kV 580MVA

176			Power transformer 66 - 275kV
177			Reactive plant and filters
178			STATCOM
179			Surge arrestors
180			Switchgear
181			Synchronous condensers
182			Uninterruptible Power Supply system (UPS)
183			Variable shunt reactors 150MVAR
184		<b>Protection and control</b>	Communications and SCADA
185			Condition monitoring systems
186			Control hardware and software
187			Fibre optic cables and accessories
188			Fibre optic cables and accessories
189			Fire protection systems
190			IT Systems
191			Power quality monitoring systems
192			Protection systems
193		<b>Other</b>	Emergency management systems
194			HVAC (Heating, Ventilation and Cooling)
195			Lighting
196			Security systems
197			Water management systems
198	<b>Onshore Transmission</b>	<b>Onshore EHV Cable Transmission System &gt;66kV &lt;345kV</b>	Cable Accessories - warning tape, polymeric covers, racking, spacers etc.
199			Cable duct supply >200mm diameter
200			Cable duct supply >200mm diameter
201			Cable jointing and testing



202			Condition monitoring systems
203			Earthing systems
204			EHV cable joints
205			EHV testing services
206			Engineered thermal fill (thermal stable fill)
207			Fibre optic services
208			Onshore cable manufacture and supply, Extra High Voltage (EHV)
209			Onshore cable manufacture and supply, Medium Voltage, High Voltage (MV)
210			Pest control
211			Pre-fabricated joint bays, pits
212		<b>Onshore OHL 500kV</b>	Accessories
213			Conductor
214			Earthing and grounding
215			Footings
216			Insulators
217			OPGW
218			Pile systems
219			Structural steel - poles
220			Structural steel - steel Lattice Towers
221	<b>Development and project management</b>	<b>Professional Services General</b>	Amenity and health studies
222			Aviation consultation services
223			Certification
224			Digital services
225			Drafting
226			Engineering consulting and design

227			Health and safety services
228			Heritage studies
229			Land access and tenure services
230			Land survey
231			Marine environment studies
232			Offshore marine surveys - marine mammals, birds, fish
233			Onshore environmental studies
234			Photography and film production
235			Planning approvals services
236			Project management services
237			QA/QC Services
238			Recruitment
239			Labour hire
240			Social and economic impact studies
241			Stakeholder engagement services
242			Training providers and training facilities
243		<b>Survey</b>	Geotechnical Services - Offshore
244			Geotechnical Services - Onshore
245			Hydrographic surveys
246			Unexploded ordinance (UXO) assessment
247		<b>Resource and met ocean assessment</b>	Floating LiDAR services
248			Site conditions assessment
249	<b>Installation, Construction and Commissioning</b>	<b>Construction port</b>	Construction port infrastructure
250			Construction port services
251		<b>Turbine installation</b>	Wind Turbine commissioning

252		Wind Turbine installation
253	<b>Foundation installation</b>	Cathodic protection
254		Foundation handling equipment
255		Foundation installation
256		Grouting services
257		Noise mitigation
258		Seabed preparation
259		<b>Offshore cable installation</b>
260	Cable handling	
261	Cable installation	
262	Cable jointing, termination and testing	
263	Cable protection systems	
264	Cable trenching	
265	<b>Offshore Substation Construction</b>	Commissioning
266		Jacket foundation fabrication and installation
267		Substation topsides fabrication and installation
268	<b>Offshore Transport and Logistics</b>	Fuel supply, offshore activities
269		Generator sets
270		Guard vessels
271		Installation equipment and sea fastenings
272		Installation vessel, foundations
273		Installation vessel, offshore cables
274		Installation vessel, offshore substation
275		Installation vessel, wind turbines
276		Marine coordination
277		Medical support

278		Mooring services
279		Oil spill response planning
280		Remote Operated Vehicle (ROV)
281		Salvage
282		Vessel inspection
283		Warranty surveyor
284		Weather forecasting and met ocean data
285		Workboats
286	<b>Onshore Construction Transmission and Substations</b>	Agronomy services
287		Arborist services
288		Batch plants, mobile or fixed
289		Biosecurity services or consulting
290		Bulk material disposal, contaminated
291		Bulk material disposal, non-contaminated
292		Bulk material supply - roading, soils, substation pavements, engineered fill (thermal fill)
293		Carpentry, general
294		Charter and coach services
295		Chemical and hazardous waste management
296		Cleaning services
297		Clearing, grubbing demolition
298		Concrete production, delivery and pumping
299		Cranage, general
300		Culvert supply
301		Drainage and environmental consumables
302		Drainage materials

<b>303</b>		Drainage services
<b>304</b>		Earthmoving services - excavation, road building, drainage, pads, trenches
<b>305</b>		Electrical testing services
<b>306</b>		Engineer, Procure and Construction (EPC) Services for substations and/or transmission lines
<b>307</b>		Environmental monitoring services
<b>308</b>		Fencing, including temporary fencing
<b>309</b>		Foundation construction
<b>310</b>		Fuel supply
<b>311</b>		Geotechnical services
<b>312</b>		Helicopters services, overhead line (OHL) installation
<b>313</b>		Hydro excavation
<b>314</b>		Landscaping and nursery supplies
<b>315</b>		Laydown, warehouse and storage space
<b>316</b>		Mechanical and maintenance Services
<b>317</b>		Mobile communications
<b>318</b>		Plant hire
<b>319</b>		Pest control
<b>320</b>		Piling services, substation structures and overhead lines
<b>321</b>		Plumbing
<b>322</b>		Portable elevation, lighting and power supply
<b>323</b>		Pre-fabricated concrete products - joint bays, pits, culverts, tilt panels
<b>324</b>		Pumping and bunding services

325		Quarry products
326		Revegetation services
327		Road building, asphalt and seal
328		Road escort
329		Road maintenance services
330		Road transport, over-dimensional
331		Road transport, regular
332		Scaffolding services
333		Security and monitoring services during construction
334		Service location/clearance services
335		Signage, marking and signwriting
336		Soil and water testing
337		Steel fabrication, general
338		Steel supply, general
339		Track, road and pad construction
340		Traffic management
341		Trenchless/drilling services - Offshore >1km
342		Trenchless/drilling services - onshore
343		Vegetation clearance services
344		Vehicle hire
345		Waste management services
346		Water/sewage consulting
347		Water, construction and potable
348		Welding and general engineering
349		Welfare facilities

<b>350</b>	<b>Operation, maintenance and service</b>	<b>Plant maintenance and service</b>	Cable inspection and repair, onshore and offshore	
<b>351</b>			CMMS (Computerised Maintenance Management System)	
<b>352</b>			Coatings and corrosion control	
<b>353</b>			Diving services	
<b>354</b>			Foundation inspection and repair	
<b>355</b>			Non-Destructive Testing (NDT)	
<b>356</b>			Scour monitoring and management	
<b>357</b>			Substation maintenance and service, onshore and offshore	
<b>358</b>			Tooling and consumables	
<b>359</b>			<b>Health and safety</b>	Health and safety equipment and PPE
<b>360</b>				Health and safety inspections
<b>361</b>			<b>Offshore logistics</b>	Crew transfer vessels
<b>362</b>				Drones
<b>363</b>				Helicopters
<b>364</b>		Jack-up vessels		
<b>365</b>		Service operation vessels		
<b>366</b>		<b>Operations port</b>	Operations port infrastructure	
<b>367</b>			Operations port services	
<b>368</b>		<b>Turbine maintenance and service</b>	Blade inspection and repair	
<b>369</b>			High Voltage services	
<b>370</b>			Main component inspections	
<b>371</b>			Main component refurbishment, replacement and repair	
<b>372</b>			Specialist lifting equipment and tooling	
<b>373</b>			Statutory inspections	

374			Wind turbine consumables
375			Wind Turbine operations and maintenance
376			Wind Turbine training services
377	<b>Sustainability</b>	<b>Sustainable and Social Impact</b>	Aboriginal owned enterprises
378		<b>Products and Services</b>	GLaWAC owned enterprises
379			Recycled product
380			Recycling services for wind farm products
381			Social enterprises