



# **SPECIFICATIONS OF THE WIND MAINTENANCE CONTRACT**



	<b>O &amp; M Contract Specifications</b>	15/10/2018
		Index modification : 0
		Writer : WAZ
	<i>WIND FARM Séglien (56)</i>	CESAM- cahier des charges. EN docx rev YAL20181017

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## 1. Object

According with the end of the maintenance contract, on **21/12/2018** and the end of the power purchase agreement, on **26/12/2021**, the SPV Séglien Art tri Milin wind power plant (CESAM) gave mandate to **THEOLIA France as Operator**, to launch a tender for a maintenance contract for his wind turbines for a **period of 3 years**.

### 1.2 Deadline for the tender:

The invitation to tender will begin on **18/10/2018** and will end on **20/11/2018** at midnight. Provider will be required to submit their **Full-scope Maintenance contract offer within this period**.

If you candidate, please sign and send it to the following address

[w.zeraoula@futuren-group.com](mailto:w.zeraoula@futuren-group.com) & [y.lecointre@futuren-group.com](mailto:y.lecointre@futuren-group.com)

If the offer is transmitted after this period, then, the offer will be not retained

### 1.3 Project:


The Séglien Art tri Milin wind power plant is located in the municipality: **Séglien (56160)**.

This fleet includes **six MD 70 wind turbines** with a capacity of **1.50 MW each**.

Wind turbines were **built in 2006** so the site has been in production **for 12 years**.

CESAM delivers the **total power 9.25 MW** trough **1 delivery station** (PDL).

The delivery station is connected to the grid (ENEDIS) by a departure located at **Locmalo (city 56160)** main station.


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## 2. Requested services to the O & M contract :


The Provider must include in his offer the services specified in description following the table.

The prerequisite is a Full scope contract.

		Description	Criteria	Conditions
<b>CONTRACTUAL</b>	<b>Contract</b>	Type	<b>Full scope</b>	
		Contract year	<b>3 years</b>	
	<b>Price</b>	Base price per WTG(fixe fee)		Invoiced by quarter
		Performance related price in EUR/kWh(variable fee)		
		Indexation	<b>Applicable only from the second year</b>	
		Additional services	<b>Delivery of the fee schedule for the additional services</b>	
	<b>Availabilities</b>	Availabilities	<b>96% minimum</b>	
		Availabilities contract	<b>Bonus and penalty</b>	<ul style="list-style-type: none"> <li>If production exceeds contractual availability = bonus</li> <li>If production is lower than contractual availability = penalties</li> </ul> Invoice will be sent at the end of each period
		Bonus / penalties payment	<b>Invoices : maximum 30 days at the end of the period</b>	
	<b>Scheduled Maintenance</b>	Scheduled maintenance	<b>Performed out of the production period and mainly out of 1<sup>st</sup> December-1<sup>st</sup> March</b>	
		Notice period	<b>7 days</b>	
	<b>Reporting</b>	Monthly Report	<b>To be provided every 10th of the month</b>	
		Annual report	<b>30 days maximum</b>	
		Blades	<b>Blade repair report and blade inspection report</b>	
		Troubleshooting interventions	<b>Delivery in 15 days</b>	
	<b>Meeting</b>	Meeting availability		

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		Meeting punchlist	<b>Quarterly with regular weekly points</b>	
	<b>Unscheduled maintenance / troubleshooting</b>	Remote control /Supervision	<b>7/7 and 24/24</b>	
		Reactive times	<b>2 hours</b>	
	<b>Service center</b>	Location of the maintenance center	<b>Distance between the service center and the wind farm</b>	
	<b>Insurance</b>	Insurance policy		
	<b>Safety</b>	Regulatory inspection	<u>Component to inspect:</u> <b>lift, extinguisher, service crane, ladder, lifeline, anchor points, seal pack, WTG electrical control and visual check EPI high voltage WTG</b>	
		Report delivery	<b>30 days after the control</b>	Except in case of major remark, the information must be sent immediately
		Waste management	<b>A proof of waste shipping must be sent on behalf of the SPV (BSDI)</b>	
		Working hours of the Technician	<b>Provide working hours every month to the Operator</b>	
		Health	<b>Provide accident reports if any</b>	

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### 3. Optional services:

The service Provider may include, in his offer, the services specified in the table below in addition to the services integrated in the Full-scope contract as an option.

		Description	Criteria	Conditions
<b>OPTIONAL</b>	<b>Substation</b>	Remote control /Supervision/intervention	<b>7/7 and 24/24</b>	
	<b>Performance</b>	Curtailment	<b>Compensation for loss of profit</b>	If technical event under Contractor responsability is not justified

### 4. Confidentiality :

In the context of this contract, the service Provider undertakes do not communicate any information to a third party without a written authorization from Operator, and to restore at the end of the contract all the documents which were provided by the Operator in the framework of the tender.

**The Provider must respect the confidentiality of the entirety of the information entrusted to him in writing or orally by the Operator for the accomplishment of the mission.**

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## 5. Technical & commercial contact :

If you have any questions regarding the contract specifications of the O & M contract that you have been given, please contact the following persons:

- First contact:

**Walid ZERAOUA:** Operation Supervisor

**Mail:** w.zeraoula@futuren-group.com

**Mob:** 06 74 78 80 99

**Tel:** 04 67 91 35 57

- Second contact :

**Yann LECOINTRE:** Operation Director

**Mail:** y.lecointre@futuren-group.com

**Tel:** 04 67 58 73 75

**Mob:** 06 68 10 57 47

<b>THEOLIA FRANCE</b>  <b>On behalf of CESAM :</b>  M. LECOINTRE Yann  In quality of: Operation Director.....  <b>Date:</b> 17/10/2018  <b>Signature:</b>  (preceded by the words "read and approved")	<b>Provider</b>  <b>Company :</b>  M. ....  <b>In quality of:</b> .....  <b>Date:</b>  <b>Signature :</b>  (preceded by the words "read and approved")
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## ANNEXE 1

### 6. Geographic Location

