RTE - Offshore Substations for the AO5 and AO6 Offshore Wind Farms (and extensions) connection to the RTE Grid (3xHVAC 750 MW)

Imprimer

Logo

Image

Deadline

25 janvier 2024

- Se connecter ou s'inscrire pour poster un commentaire

Contenu

Description

In order to ensure the connection of the Offshore Wind Farms projects AO5 (BRE) and AO6 (OCC/NAR and SUD/FOS) which will have a maximum capacity of 750 MW (each) to the existing onshore electricity transmission grid, RTE will build the following facilities for each project (3 in total) :
• One Offshore Substation (OSS), where 12 cables (IAC) from the wind farm will be connected. This substation with jacket type substructure will transform the electricity produced by the wind turbines from the voltage level of 66kV to the 225kV voltage level ;
• Three export connection systems of 225kV from the offshore substation to the onshore substation composed of :
o Three submarine cables of an approximate length of 40 km up to 50 km (depending on each project);
o Three cable landing point/chambers allowing the connection with the underground cables;
o Three underground connections from the underground chambers to the onshore substation (approximative distance of 10km to 30km depending on projects)
• An onshore substation to accommodate electricity production and transport;

The OSS are located at a distance of approximately 50 km (AO5 BRE), 45 km (AO6 OCC/NAR) and 40 km (AO6 SUD/FOS) off the coast. A helideck will be on each of the three platforms.
The available PQQ relates to the scope of the above-mentioned OSS to be procured.

POUR ALLER PLUS LOIN :

https://rte-france.bravosolution.com

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Visibilité

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