Borssele Kavel V

Two Towers BV

Presentation by Wouter Dirks
Van Oord Offshore Wind

Wind: Europe’s future energy supply
Borssele Kavel V

Two Towers BV

Requirement: 1 or 2 turbines; minimum 6 MW, max 20 MW to be installed.
Ranking Criteria (scale 1-5, minimum of 3 points per criteria)

- Contribution to cost reduction LCOE for offshore wind
- Contribution to Dutch economy
- Degree of innovation in relation to International standards, boosting knowledge position of the Netherlands
- Quality of the project

- Committee of independent experts
- Each criterion counts equally
- Highest score wins
- More than 1 highest score, lowest investment subsidy wins

Subsidy

- Investment grant of €15M (45% max over the extra costs in BOR III/IV)
- Exploitation funding of 0.05449 per kWh with €44M cap
Wind: Europe's future energy supply

Borssele Kavel V

Two Towers BV

Proposal offered

WTG 1 - MHIV 164
- MP+TP with Slip Joint connection

WTG 2 - MHIV 164
- Direct MP – tower connection
- TSA application automated
- ICCP optimization

Both
- Ecofriendly nature-inclusive scour design
- Cable entry + CPS re-design
Borssele Kavel V

Two Towers BV

Eco-Scour Protection

Hatchery facility (ReefGuard) VanOord

Testing outplacement method ReVIFES

Benthic life – fotograaf: Remment ter Hofstede

platte oester – fotograaf: Oscar bos

Wind: Europe’s future energy supply
Borssele Kavel V

Two Towers BV

Slip Joint

Slip Joint: No grout, No brackets, No flange, No bolts

Wind: Europe’s future energy supply
Borssele Kavel V

Two Towers BV

Partners in delivering innovations

Wind: Europe’s future energy supply
Borssele Kavel V

Execution: 2020

Wind: Europe's future energy supply
Thank you for your attention