

Substation Civils Re-Opener
Swansea North 275kV - Equipment Storage Facility
Basic Project Investment Paper

Author	Steve Barnett	Date Started	18/08/2022
Reference Number	2018-190		

1. Scheme Summary by Regulatory Category

Unique Identifier	Site	Asset	RIO Financial Category	Output Year	Total Costs (£m)
2018-190	Swansea North 275kV Substation	OHL plant and equipment storage facility	buildings	2023	■

2. Driver Summary

Project Overview	<p>There are currently insufficient storage facilities for OHL's at Swansea, and those that are there lie outside the protection of the site boundary fence. Undercover storage is required to protect and preserve expensive OHL equipment such as Unimog's and winching equipment.</p> <p>This project proposes the construction of a new steel framed portal building and associated paving within a newly created compound within the 275 kV compound.</p>
Plant Status Link:	2018-190

**Scope
Diagram/Photographs**

Photo of a similar facility at another site



3. Project Summary

Overview	Construction of a new steel framed portal building and associated paving within a newly created compound within the 275 kV compound.
Programme/ Duration	4 months.
Outage Requirements & Ops Resource	N/A – Outages are not required for this work.
Key Risks and Hazards	Piled foundations require large plant on site adjacent to the HV compound. A permanent fence has been erected to separate the working area from the HV equipment.
Design to Be Resolved	N/A
Development Strategy/Inter- acting Works	Bundled with the refurbishment of the control building
Assets In Ellipse:	SWAN2SBLD.
Contract Strategy	Tendered via the Minor Civils Framework

4. Baseline Costs from the Winning Tender

All costs in this section are base costs (pre-out-turned), to 2 decimal places								
Base Year	2018/19							
Base Cost totals (£m)	Plant Status No.	Costs incurred to date (£m)	Design Costs (£m)	Contractor Prelims (£m)	Contractor Construction Cost (£m)	Contractor Temporary Works (£m)	Contingency (£m)	Total Project Cost (£m)
	2018-190	■	■	■	■	■	■	■
Notes:	Costs from tender have been converted to 2018/19 base date.							

5. Declarations

Approval		Name	Signature	Date	Declaration
1	Commercial and Portfolio Manager	Sheena Froggatt		23/08/22	The Investment Team Manager has determined that this scheme is in line with overall business goals and objectives.
2.	Asset Management Lead	Damien Culley		22/08/22	The Asset Management Lead has determined that this scheme is in line with overall business goals and objectives.