

Tender Specification Workshop

A workshop to discuss the updated tender specification and outstanding issues.

Matthew Ball
27/03/2017

ofgem

Today's Agenda

1. Introduction (15 minutes)
2. Review of the Tender Specification (75 minutes)
3. Session on 'land agreements' (30 minutes)
4. Review of Model Projects (60 minutes)

- Where we decide to run a competitive tender for a project, the incumbent TO will be required to produce a *Tender Specification*.
- We decided to develop a ‘generic’ tender specification that is equally applicable to all future projects.
 - Reduces the likelihood of missed information.
 - Ensures that Ofgem, the incumbent TO, and bidders, are all comfortable with the level and quantity of information required to be produced for the tender.
- We have been continuing to develop the Tender Specification.
 - TNEI produced the first iteration in May 2016.
 - We consulted on that in May 2016.
 - Further consultation alongside the Informal Licence change consultation in November 2016.

Key questions to explore:

- Is the intention of the item well understood?
- Is the item standard? (i.e. for any reasonable contractor)
- Does the item need further definition?
- Is the item correctly named?
- Is the item in the right location within the Tender Specification?

Tender Specification (2)

Schedule 1 Tender Specification Document		
Item	Location	Document
1	Tender Specification Document	Functional specification
2	Tender Specification Document	Single line diagram
3	Tender Specification Document	Conceptual project plan/programme
4	Tender Specification Document	Initial drawings/designs and specifications for major components
5	Tender Specification Document	Initial plans and specifications for construction techniques, access and logistics
6	Tender Specification Document	Summary of any early procurement or market engagement by the Transmission Owner
7	Tender Specification Document	Summary of ground conditions and risk
8	Tender Specification Document	Summary table of decisions to include or exclude items from the Tender Specification Data

Tender Specification (3)

Schedule 2 Tender Specification Data		
Item	Location	Document
1	Data Room	Needs case report
2	Data Room	Optioneering report
3	Data Room	Route corridor study report
4	Data Room	Detailed conceptual project plan/programme
5	Data Room	Records of supply chain engagement
6	Data Room	Contracts, designs for any early procurement by the Transmission Owner
7	Data Room	Reporting on any limitations arising from initial design choices
8	Data Room	Detailed designs needed for specific technical or consent reasons
9	Data Room	Load flow system studies report
10	Data Room	Contingency analysis report
11	Data Room	Short circuit system studies report
12	Data Room	Reactive Power and Voltage Control studies
13	Data Room	System models/data
14	Data Room	System harmonics data (eg harmonic loci)
15	Data Room	Proposed outage schedule, and records of engagement between the Transmission Owner and System Operator

Tender Specification (4)

Schedule 2 Tender Specification Data		
Item	Location	Document
16	Data Room	Details of Distribution Network Operator crossings including number of crossings and proposed outage plan
17	Data Room	Details of all Third Party crossings including number of crossings and provisional agreements
18	Data Room	Details of road and river crossings
19	Data Room	Information on Transmission Owner/System Operator interfaces, including draft interface agreements and technical requirements
20	Data Room	Information on 3rd party Interfaces, including draft interface agreements
21	Data Room	Ground investigation report
22	Data Room	Records of Ground Penetrating Radar
23	Data Room	Geotechnical desk study data compilation, including assessment summary and recommendation for intrusive works
24	Data Room	Peat slide risk assessment report and data
25	Data Room	Phase 1 Contaminated land report
26	Data Room	Preliminary Unexploded Ordnance/Unexploded Bomb risk assessment
27	Data Room	Borrow pit assessment report
28	Data Room	Desk based archaeological assessment report
29	Data Room	Targeted topographical survey report

Tender Specification (5)

Schedule 2 Tender Specification Data		
Item	Location	Document
30	Data Room	Phase 1 Habitat Report
31	Data Room	Protected species survey reports
32	Data Room	Hedgerow survey reports
33	Data Room	National vegetation classification survey report
34	Data Room	Ornithological survey reports
35	Data Room	Noise assessment report (initial and detailed design)
36	Data Room	Flood risk assessment
37	Data Room	Offshore geotechnical report
38	Data Room	Offshore geophysical report
39	Data Room	Seabed mobility report
40	Data Room	Metocean study
41	Data Room	Cable burial risk assessment
42	Data Room	Subsea cable landfall assessment report
43	Data Room	Development consent orders or draft development consent orders, Section 37 consents and deemed planning consents, marine licences, planning consents for elements consented through the local planning authority/local authority
44	Data Room	Application documents, draft development control order, summary of pre-application discussions, submissions and documents (eg gatecheck reports, written responses, inquiry reports)

Tender Specification (6)

Schedule 2 Tender Specification Data		
Item	Location	Document
45	Data Room	Statement of community engagement, summary of (or copies of) consultation responses, community liaison group minutes
46	Data Room	Environmental statement, environmental management plans (eg waste management plans, habitat management plans, visual impact mitigation schemes), statutory consultee responses, environmental liaison group minutes
47	Data Room	Initial access studies and feasibility
48	Data Room	Traffic impact assessment
49	Data Room	Approval in principle with relevant highways authorities
50	Data Room	Summary and list of finalised land agreements
51	Data Room	Agreements in principle for land access
52	Data Room	Information on progress made with voluntary land agreements
53	Data Room	Details/status of any involuntary land agreements and any started CPO processes
54	Data Room	Details of any Nuclear related agreements
55	Data Room	Records of Statutory searches

Intention to include:

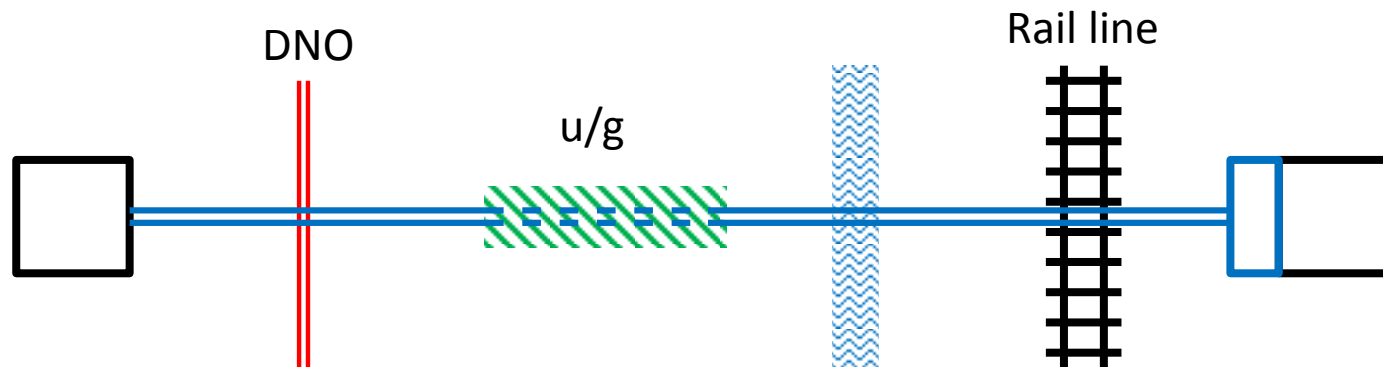
- All affected land
- Status of voluntary agreements
- Records of engagement
- Details of any started CPOs
- Details of access agreements

Key issues

- Can the items 50-53 be rationalised/simplified?
- Any gaps in required information?

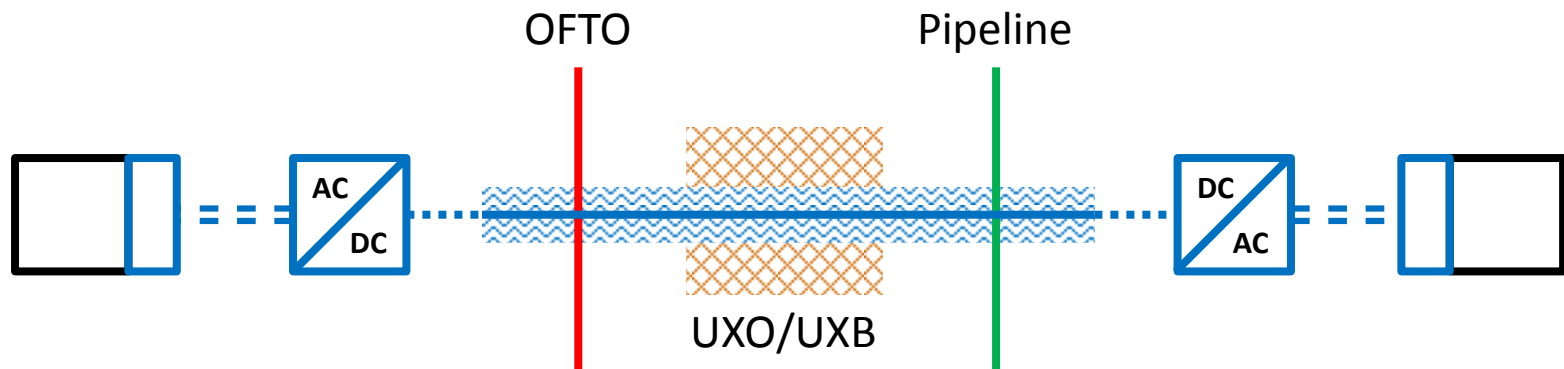
Model Project 1

- New onshore connection
- Double circuit, mixed OHL, underground (part HDD, part buried)
- Connecting into existing substations – extension and modification required at one, existing spare bays at another.
- Crosses DNO line (and requires some undergrounding of it)
- Crosses a rail line and a river



Model Project 2

- Offshore HVDC 'bootstrap'
- Connecting into extended existing substations
- Crosses an OFTO cable and a gas pipeline
- Suspected UXO/UXB site midway through



Ofgem is the Office of Gas and Electricity Markets.

Our priority is to protect and to make a positive difference for all energy consumers. We work to promote value for money, security of supply and sustainability for present and future generations. We do this through the supervision and development of markets, regulation and the delivery of government schemes.

We work effectively with, but independently of, government, the energy industry and other stakeholders. We do so within a legal framework determined by the UK government and the European Union.