

CAPABILITY STATEMENT UNDERGROUND CABLE ROUTE DESIGN



OUR CHALLENGE

Our industry is faced with complex challenges when designing new transmission networks:

- Congested terrain with obstacles
- Engineering difficulties
- Managing the various technical investigations and design services
- Intricate and time-consuming stakeholder interactions

LSTC can provide a single point of contact to manage the process of underground cable route design comprehensively. Our work culminates in a suite of engineering documentation ready for tender and safe project execution.

OUR EXPERIENCE

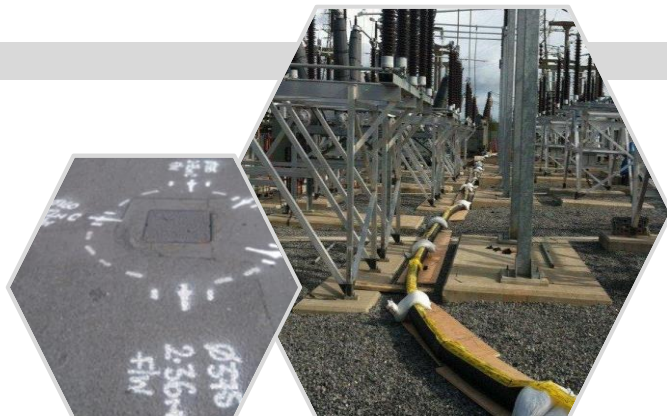
LSTC is an industry leading transmission and distribution consultancy and has a proven track record with the highest profile Distribution Network Operators.

OUR SERVICES

We offer seamless project design delivery from cable connection to termination. We also provide detailed design for any interfaces with above ground assets and termination equipment.

Our design services include:

- Desktop studies
- Detailed site based studies
- Geographic information system (GIS) and composite mapping
- Environmental, ecological and archaeological surveys
- Geotechnical surveys
- Site investigations and soil sampling, GPR
- Local authority negotiations and consents
- Project execution support
- Constructability assessments
- Directional drilling design
- Railway consents and approvals
- Detailed engineering analysis
- Electrical engineering designs



WHAT WE DELIVER

- Outputs customised to fit in with your tender package requirements.
- A single point of contact to deliver a comprehensive solution to meet your requirements.
- Support by our in-house engineering teams across the UK.

OUR COMMITMENT

Our dedicated and experienced underground cable engineering team is committed to supporting you by continuing to offer new technologies and innovations.

