

Project Coversheet

[1] Ownership & Status

UPI: 11520

Core Project Name: Tower Bridge HV replacement & increased resilience

Programme Affiliation (if applicable): Bridge House Estates 50-year plan

Project Manager: Ruby Raw

Definition of need: Existing infrastructure is not compliant and is at high risk of failure due to age and condition. The backup power supply is also at high risk of failure due to age and condition and does not provide enough capacity for the Bridge to maintain operations as usual. This impacts on revenue, bridge operations and reduces the ability to complete bridge lifts as required under the Corporation of London (Tower Bridge) Act 1885.

Key measures of success:

1. Achieve statutory compliancy of segregation of switchgear
2. Reduce likelihood of power failure due to age and condition of existing electrical infrastructure.
3. Increase power resilience in the event of a power outage
4. Maintain power and bridge operations during works

Expected timeframe for the project delivery: Original timescales projected GW 1-2:

October 2015,

GW 3-4 January 2016,

GW5 April 2016.

No completion date was provided in the GW1-2.

Key Milestones:

Surveys: Oct 19 - Dec 19

Procure consultants: Oct 19 - Dec 19

Design Development: Dec 20 - May - 20

GW 4: May 20

Planning/ LBC - May - Aug 20

Tender: Aug 20- Oct 20

GW5: Nov 20

Construction: Dec 20-Aug 21

Are we on track for completing the project against the expected timeframe for project delivery? No

44 months to the latest programme.

An additional 3 months of additional work to the feasibility report was needed to explore construction logistics to arrive at a more robust project programme, cost and risk assessment.

41 months delay is due to the project being put on hold after the officer responsible for the project left the department and allocation of a new internal resource.

Has this project generated public or media impact and response which the City of London has needed to manage or is managing?

No public or media impact.

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[2] Finance and Costed Risk

Headline Financial, Scope and Design Changes:

Committees approved to explore the feasibility of 5 options proposed by City of London Engineers to fulfil the requirements of this project with the appointment of a consultant team. These options have been discounted as non-workable solutions and two alternative viable proposals have been put devised to

‘Project Briefing’ G1 report: approved in Jan 2016 (after initially being refused and re-issued as GW1 issue report in Sept 2015)

- Total Estimated Cost (excluding risk): £0.5 -£5m
- Costed Risk Against the Project: none reported
- Estimated Programme Dates: (reported in initial GW1-2 report in Sept 2015)
GW 3-4 Jan 2016
Start on site May 2016

Scope/Design Change and Impact:

‘Project Proposal’ G2 report: - as above.

- Total Estimated Cost (excluding risk): - as above.
- Resources to reach next Gateway (excluding risk): £35K
- Spend to date: none reported
- Costed Risk Against the Project: none reported
- CRP Requested: none reported
- CRP Drawn Down: none reported
- Estimated Programme Dates: - as above.

Scope/Design Change and Impact:

‘Options Appraisal and Design: G3 report to be approved in October 2019

- Total Estimated Cost (excluding risk): £5.8m
- Resources to reach next Gateway (excluding risk): £303K
- Spend to date: £26,059
- Costed Risk Against the Project: £2.66m
- CRP Requested: £165K
- CRP Drawn Down: £0K
- Estimated Programme Dates:

Surveys & Procure Consultants: Oct-Dec 2019

Develop designs: Jan -May 2020

GW4: May 2020

Utility and planning applications: May- Aug 2020

Tender contractor: Sept-Nov 2020

GW5: Nov-Dec 2020

Start on site: Jan 2021

Scope/Design Change and Impact:

‘Authority to start Work’ G5 report (as approved by PSC xx/yy/zz):

- Total Estimated Cost (excluding risk):
- Resources to reach next Gateway (excluding risk)
- Spend to date:

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- Costed Risk Against the Project:
- CRP Requested:
- CRP Drawn Down:
- Estimated Programme Dates:

Scope/Design Change and Impact:

Total anticipated on-going commitment post-delivery [£]:<Current Range>
Programme Affiliation [£]:<(If applicable) What is the estimated total programme cost including this project:>