

Project Coversheet

[1] Ownership & Status

UPI: 12222

Core Project Name: Tower Bridge - Replacement of Defective Bridge Driving Machinery Hydraulic Components

Programme Affiliation: N/A

Project Manager: Jamie Bottono, Operations Manager, Tower Bridge

Definition of need: There are a large number of fittings 'weeping' which is an indication that the seals need replacing and to facilitate this there are large sections of the pipework which will need to be removed and replaced due to the nature of the installation. There are also many hydraulic leaks from pipework joints, leaking pressure switches and a number of other components are in poor condition and in need of replacing.

Key measures of success:

- 1) Reduction in leaks and potential for major failure leading to contamination of machinery through oil penetration which would result in additional works to refurbish and reinstate,
- 2) Reduction in reactive maintenance and callouts of external contractor to initiate temporary repairs to aged and obsolete components,
- 3) To improve the resilience of the pipework and seals for a further 40 years and therefore reduce maintenance costs and the operational teams time in dealing with failures.

Expected timeframe for the project delivery: April 2021 - December 2021

Key Milestones:

- Gateway 1 – 5 Report: July 2020,
- Start on Site: April 2021,
- Completion: December 2021
- Gateway 6 Report:

Are we on track for completing the project against the expected timeframe for project delivery? Yes

Has this project generated public or media impact and response which the City of London has needed to manage or is managing? No

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[2] Finance and Costed Risk

Headline Financial, Scope and Design Changes:

‘Authority to start Work’ G1 - 5 report (as approved by PSC 30/07/2020):

- Total Estimated Cost (excluding risk): £1,151,565
- Spend to date: £1,151,565
- Costed Risk Against the Project: £114,000
- CRP Requested: £114,000
- CRP Drawn Down: £71,926 (post G5)
- Estimated Programme Dates: April 2021 – December 2021

Scope/Design Change and Impact: N/A

Total anticipated on-going commitment post-delivery [£]: Ongoing planned maintenance as provided by the Bridge House Estates Trust 50 Year Repairs and Maintenance Fund.

Programme Affiliation [£]: N/A