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Project Coversheet

[1] Ownership & Status

UPI: 12197
Core Project Name: Tower Bridge Service Trenches Refurbishment
Programme Affiliation To be coordinated with (or in advance of) the programme for Tower Bridge HV Replacement Scheme
Project Manager: Mark Bailey

Definition of need:

- The 320m length of service trench covers to the fixed spans of Tower Bridge have reached the end of their service life and are suffering from heavy corrosion.
- The existing covers are extremely heavy and difficult to lift manually and/or without damage.
- Temporary replacements to a number of covers have been necessary in recent years due to structural failure upon removal for isolated maintenance works
- Silt and detritus has accumulated within the service trenches over many years, due in part to the logistical challenges of lifting the covers for regular maintenance cleaning.
- The opportunity is being considered to replace the covers in low or zero-maintenance lightweight alternatives in composite materials, that will facilitate future maintenance and assist with compliance with modern manual handling regulations
- The opportunity will also be taken to remove accumulated silt, detritus and redundant services from the trenches, in the interests of future maintenance and resilience

Key measures of success:

1. Replacement of existing covers with lightweight alternatives that mitigate manual handling risks for maintenance operatives and facilitate regular future maintenance/cleaning of service trenches
2. Replacement of existing covers with low or zero maintenance alternatives which reduce future revenue life-cycle costs
3. Removal of redundant services and silt from service trenches to improve future servicing resilience

Expected timeframe for the project delivery: Construction late 2020

Key Milestones:

Gateway 1	Oct 2019
Gateway 2	Nov/Dec 2019
Gateway 3/4	Feb 2020
Gateway 5	June 2020
Compete works	Late 2020

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

G3/4 later than initially indicated above, but dates above are indicative and non-critical

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

Not as yet

[2] Finance and Costed Risk

Headline Financial, Scope and Design Changes:

‘Project Briefing’ G1 report (as approved by Chief Officer 23/10/2019):

- Total Estimated Cost (excluding risk): £300,000 to £500,000
- Costed Risk Against the Project: £120,000
- Estimated Programme Dates: Construction late 2020

‘Project Proposal’ G2 report (as approved by PSC 16/12/2019):

- Total Estimated Cost (excluding risk): £300,000 to £500,000
- Costed Risk Against the Project: £120,000
- Estimated Programme Dates: Construction late-2020
- Approved budget to proceed to G3-4: £10,000

Scope/Design Change and Impact: n/a

Total anticipated on-going commitment post-delivery [£]: N/A

Programme Affiliation [£]: N/A