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| <b>Committees:</b><br>BHE Board - <i>for decision</i>  | <b>Dates:</b><br>14 July 2021                    |
| <b>Subject:</b><br>Tower Bridge HV System Replacement and Increasing Resilience<br><br><b>Unique Project Identifier:</b><br>11520 <b>CS 262-21</b> | <b>Gateway 4<br/>Complex<br/>Progress Report</b> |
| <b>Report of:</b><br>City Surveyor<br><br><b>Report Author:</b><br>Navdeep Bhal  | <b>For Decision</b>                              |
| <h1>PUBLIC</h1>  |  |

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| <b>1. Status update</b>      | <p><b>Project Description:</b> Refurbishment of the High Voltage (HV) and Low Voltage (LV) electrical infrastructure at Tower Bridge and increasing its power resilience (i.e. the secondary source of power in the event of a power failure).</p> <p><b>RAG Status:</b> Green (Green at last report to Committee)</p> <p><b>Risk Status:</b> Medium (Medium at last report to committee)</p> <p><b>Total Estimated Cost of Project (excluding risk):</b> £6,076,293</p> <p><b>Total Estimated Cost of Project (including risk):</b> £8,238,003</p> <p><b>Spend and Committed to Date:</b> £890,450.</p> <p><b>Costed Risk Provision Approved:</b> £335,000 (of which £43,290 has been utilised and £291,710 remaining)</p> <p><b>Funding Source:</b> Bridge House Estates Bridges Repair Designated Fund</p> |
| <b>2. Key points to note</b> | <p><b>Next Gateway:</b> Gateway 5 - Authority to Start Work (Light)</p> <p><b>Key Points:</b> This report is to seek delegated authority for G5 Authority to Start works approval, subject to the successful tender sum returning within budget (£5,064,000). As referenced in the G4c report and as per the charity's primary objects and statutory obligations to maintain the bridge lifting service on 24hours notice, the urgent upgrade of the electrical infrastructure is critical given its age and existing condition. Therefore, any delays to the completion of this project should be avoided.</p>   |

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|                            | <p><b>Requested Decision:</b></p> <ol style="list-style-type: none"> <li>1. That authority for the GW5 sign off (due middle of July 2021) be delegated to the Town Clerk, in consultation with the Chairman and Deputy Chairman of; <ul style="list-style-type: none"> <li>• BHE Board</li> </ul> </li> </ol> <p>Note the GW5 will be reviewed by Project Subs committee under delegated authority following approval of the delegated authority request at the June committee</p>  |
| <b>3. Reporting period</b> | <i>April 2021 – June 2021</i>   |
| <b>4. Progress to date</b> | <p>Delegated authority is sought for the G5, Authority to Start works approval, subject to the successful tender sum returning within budget (£5,064,000). Delegated authority is required to maintain the programme and to subsequently ensure there is no further delay with upgrading the critical electrical infrastructure at Tower Bridge, after a 5 week extension of time was given to the contractors during the tender period. A 5-week extension was provided to mitigate the risk of receiving no compliant submissions after three contractors dropped out in the first two weeks. It can be confirmed that the tender period has now concluded and two compliant tender submissions have been received.</p> <p>It was initially envisaged that the G5 approval would be sought at the June committees so that mobilisation could commence in July. However due to the 5 week extension it was no longer possible to seek G5 approval at the June or July committees and in order to still mobilise in July, delegated authority would be required.</p> <p>Also there are no committees in August, therefore without delegated authority G5 approval would need to be sought at the September committees, which would delay mobilisation till October.</p> <p>It should be noted that this project will improve the efficiency of the Bridge's electrical infrastructure. The full details will be captured and outlined in the G5 report.</p> |
| <b>5. Next steps</b>       | <ol style="list-style-type: none"> <li>1. Completion and approval of the G5 report – 23<sup>rd</sup> July</li> <li>2. Agree and sign contract – 28<sup>th</sup> July</li> <li>3. Contractor mobilisation on site – 29<sup>th</sup> July</li> <li>4. On-site construction – 26<sup>th</sup> August</li> <li>5. Handover &amp; Completion – 6<sup>th</sup> April 2022</li> </ol>  |

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