

Committee(s): Port Health & Environmental Services Committee – request for delegated decision Corporate Projects Board - for decision Projects Sub - for decision	Dated: 27/09/2021 06/10/2021 20/10/2021
Subject: Replacement of the Lady Aileen’s engines.	Public
Which outcomes in the City Corporation’s Corporate Plan does this proposal aim to impact directly?	1, 5, 11
Does this proposal require extra revenue and/or capital spending?	Y
If so, how much?	£350,000
What is the source of Funding?	Carry forward
Has this Funding Source been agreed with the Chamberlain’s Department?	Y
Report of: Juliemma McLoughlin, Executive Director, Environment Department	For Decision
Report author: Gavin Stedman, Director of Port Health & Public Protection	

Summary

The Port Health Service have a number of vessels, which enables them to undertake their duties on the River Thames. One of the vessels, the Lady Aileen, is over 20 years old, with engines of an even older design. The hull of the Lady Aileen is in good order however, the engines are deteriorating rapidly with the problem of the parts no longer being available.

Estimates to rebuild the existing engines, replace the engines and replace the vessel have been obtained from the limited suppliers in the market and a Gateway 1-4 Project Proposal & Options Appraisal will be presented to both the Corporate Projects Board and Projects Sub for decision.

The Gateway 1-4 report would normally come to this Committee after the Corporate Projects Board, but due to the timescales and need to progress this work Delegated Authority is requested.

Carry forward from the Department underspend for 2020/21 of £350,000 has been agreed.

Recommendation(s)

Members are asked to:

- Delegate authority to the Town Clerk, in consultation with the Chairman and Deputy Chairman, to approve the Gateway 1-4 Project Proposal and Options Appraisal for the replacement of the Lady Aileen's engines.

Main Report

Background

1. The Port Health Service, which is part of the Environment Department, have a number of vessels, which enables them to undertake their duties on the River Thames, covering an area from Teddington Lock to the Outer Thames Estuary.
2. The use of fully functioning vessels is integral to the discharge of the City's duties in its capacity as London Port Health Authority.
3. This includes statutory work associated with infectious disease control, ship hygiene inspections, water sampling and shellfish sampling etc. and non-statutory work, including ceremonial activities.
4. Two vessels are required meet the service demands. These are moored either side of the Thames Barrier at Charlton and Gravesend. This allows the service to effectively cover the 94 miles of the tidal River Thames that the service is responsible for. Due to the distances, the service could not effectively operate with one launch.
5. The Lady Aileen is over 20 years old, with the engines being of an older design. They are maintained in-house and regularly inspected by the Maritime and Coastal Agency (MCA).

Current Position

6. The hull of the Lady Aileen has been assessed by the MCA as being in good order. However, the engines are deteriorating rapidly with the problem of the parts no longer being available.
7. There are a number of options from replacing the vessel, installing new 'state-of-the-art' engines or installing new 'old technology' engines.
8. The new engines would be lighter, more powerful and consequently will be more fuel efficient and less polluting. This is a good opportunity to ensure that our fleet is as environmentally friendly as possible.

Proposals

9. Although there are limited suppliers in the marketplace, estimates have been obtained to:
 - Rebuild the engines, however the engines are old technology.
 - Replace the engines with Tier 3 IMO approved engines; would expect to get 40% fuel savings with new engines.
 - Replace with a new vessel.
10. The Gateway 1-4 report would normally come to this Committee after the Corporate Projects Board, but due to the timescales and need to progress this work Delegated Authority is requested.

Corporate & Strategic Implications

11. Strategic implications – The work undertaken by the service supports the delivery of the following Corporate Plan Outcomes:
 - Contribute to a flourishing society
 1. People are safe and feel safe.
 - Support a thriving economy
 5. Businesses are trusted and socially and environmentally responsible.
 - Shape outstanding environments
 11. We have clean air, land and water and a thriving and sustainable natural environment.
12. Financial implications – Carry forward from the Department underspend for 2020/21 of £350,000 has been agreed.
13. Resource implications - None
14. Legal implications - The use of fully functioning vessels is integral to the discharge of the City's statutory functions in its capacity as London Port Health Authority. These functions include infectious disease control, shellfish sampling, ship sanitation, noise etc.
15. Risk implications – Likely reputational risks if the service is unable to undertake its statutory duties.
16. Equalities implications – An equality impact assessment will not be undertaken.
17. Climate implications – Use of the latest suitable technology will ensure that the fleet is as environmentally friendly as possible.
18. Security implications - None

Conclusion

19. Estimates to rebuild the Lady Aileen's existing engines, replace the engines and replace the vessel have been obtained from the limited suppliers and a Gateway

1-4 Project Proposal & Options Appraisal will be presented to both the Corporate Projects Board and Projects Sub for decision.

20. The Gateway 1-4 report would normally come to this Committee after the Corporate Projects Board, but due to the timescales and need to progress this work Delegated Authority is requested.

Appendices

None

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