

NORTH LONDON WASTE AUTHORITY

REPORT TITLE:

North London Heat and Power Project – Update

REPORT OF:

HEAD OF LEGAL AND GOVERNANCE

FOR SUBMISSION TO:

NORTH LONDON WASTE AUTHORITY

DATE:

28 September 2017

SUMMARY OF REPORT:

This report provides an update on the status of the North London Heat and Power Project and sets out the contracts packages being considered by the Authority for delivery of the project. The report provides information on the likely timing of the works, and indicative cost.

RECOMMENDATIONS:

The Authority is recommended to note the report.

SIGNED: Head of Legal and Governance

DATE: 18 September 2017

1 INTRODUCTION

- 1.1 The Authority's application for a Development Consent Order (DCO) for a replacement Energy Recovery Facility (ERF) at the Edmonton EcoPark was granted on 24 February 2017, and is entitled the North London Heat and Power Generating Station Order 2017. The DCO provides for a new ERF together with associated works, including a Resource Recovery Facility (RRF) with a new Reuse and Recycling Centre (RRC), and EcoPark House, an office block and visitor reception centre which can also be used for education on waste related matters.
- 1.2 At the meeting of the Authority in December 2016, it was decided that the DCO scheme should be implemented if the DCO application was successful, and that it should be progressed on the basis of the new ERF operating by the end of 2025 or, at the latest, the end of 2027.
- 1.3 Now that the DCO has been granted, the North London Heat and Power Project (NLHPP) can be progressed. A report on Part II of this agenda seeks Authority approval to the letting of the preparatory contracts described in the next section of this report. These contracts are for works which need to be done before the ERF can be constructed, to allow for continuing operations on site, connections to utilities, and to create the necessary space for the new ERF. Decisions on the implementation of the ERF are due to be taken in 2018, and a consultation on this is planned for autumn 2017, with the report recommending this elsewhere on this agenda.

2 WORKS CONTRACTS

- 2.1 During the course of the year, officers and advisers have considered how best to break down the works permitted by the DCO into contracts, based on issues of timing and the types of contractor that will be required to deliver the works. The breakdown, on which recommendations are made in a report in Part II of this agenda, is as follows:
- 2.1.1 Laydown Area and Northern and Eastern Access routes – this can be a single contract to involve the creation of a temporary laydown area and works to Deephams Farm Road and Lee Park Way to create access points to the north and east of the Edmonton EcoPark. The works will involve roads, hardstanding, drainage, landscaping, fencing and lighting. Consideration will be given to letting the Deephams Farm Road works contract separately, as there may be operational benefits to providing this access point earlier.
- 2.1.2 Sewer Diversion – this contract will involve the diversion of two branches of a Thames Water-owned trunk sewer that are located at the southern end of the Edmonton EcoPark where the RRF is to be constructed. The works will include site set up, shaft, manhole and sewer construction and groundwater control.
- 2.1.3 Utility Bridge and Corridor – these works will be divided into separate works packages (each with its own contract) due to the specialist nature of works required, which will involve construction of a new utility bridge at the southern entrance of the Edmonton EcoPark, civils works to the existing Salmon's Brook utility corridor and temporary and permanent diversions and installations of gas and water mains. This work allows for the necessary

upgrade and relaying of electricity cables, and other pipes and cabling for gas, water and sewage.

- 2.1.4 UKPN Grid Connection – this contract will involve the installation of cabling to enable the export of power from the new ERF to UKPN's Tottenham Substation, and from the existing EfW to the planned ERF to facilitate the seamless transition from the EfW to the ERF.

3 BUILDING WORKS

- 3.1 In addition to the works mentioned above, there are two buildings which form part of the works authorised by the DCO, and are programmed to be carried out before the ERF construction works take place. These are:

3.1.1 Resource Recovery Facility (RRF) – this contract will involve construction of a new RRF. This will replace the existing facility at the northern part of the site, which along with the neighbouring facilities will subsequently be demolished to make way for the new ERF. The RRF will contain a new Reuse and Recycling Centre, to be accessed from the east of the site, via Lee Park Way.

3.1.2 EcoPark House – this contract will involve construction of EcoPark House, as an office block with space for the Sea Cadets to continue their regular meetings, and other community activity, including education.

3.1.3 Site-wide Works – these works will also be divided into separate works packages (each with its own contract) due to timing, specialisms, and location, which will involve surface water and foul water drainage networks, firefighting systems, telecoms and CCTV cabling, car parking, exterior lighting, fencing and high voltage power distribution. TIMING AND COST

- 3.2 The total cost of the works is anticipated to be in the region of £87.7 million at today's prices, and anticipated timings are shown in the table below, by reference to the quarter in each year when they are expected to start and finish. The costs are based on the information currently available, and will change as more detailed design and site investigation works are carried out.

Works Contract	Construction Start	Construction Complete
Laydown Area and Northern/Eastern Access	Q1 2019	Q4 2019
Sewer Diversion	Q3 2019	Q2 2020
RRF	Q2 2020	Q3 2021
Utility Bridge and Corridor	Q1 2019	Q4 2020
Side-wide Balance	Q3 2020	Q4 2025
EcoPark House	Q2 2020	Q4 2021
UKPN Grid Connection	Q1 2023	Q4 2024

- 3.3 To enable the programme leading to a replacement facility in 2025, authority is being sort in that report to let contracts relating to the Laydown area and access points, sewer diversion, utility bridge and corridor, and Grid connection works. The cost of those works is estimated at £27 million.

4 CONCLUSION

- 4.1 This report provides an overview of the works to be carried out, the timing of the activity and the anticipated cost. Decisions on the detail of the works contracts described above are contained in a report on Part II of this agenda.

- 4.2 Members are recommended to note the report.

5 LEGAL ADVISER COMMENTS

- 5.1 The Legal Adviser has been consulted in the preparation of this report and comments have been incorporated.

6 FINANCIAL ADVISER COMMENTS

- 6.1 The Financial Adviser has been consulted in the preparation of this report, The indicative costs as they develop are included in the Authority's annual budget or medium term forecast, approved in February each year by the Authority. Provision for necessary borrowing is included in the prudential borrowing indicators which are approved annually in conjunction with the budget and medium term forecast.

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