

## DECISION ITEM

REPORT OF	MEETING	DATE	ITEM NO
DEVELOPMENT SERVICES DIRECTORATE	TOURISM AND LEISURE COMMITTEE	10 MARCH 2022	5
<b>PARK VIEW DRAINAGE IMPROVEMENTS</b>			

### PUBLIC ITEM

This item is for consideration in the public part of the meeting.

### SUMMARY

The project involves improvements to the existing drainage system at Park View playing fields.

The football pitches are served by a series of land drains which drain into a submersible pumping station, which in turn, pumps the surface water into Liggard Brook.

Some of the drainage problems have been compounded by a backfilled ditch at the north end of the site boundary, and higher adjacent ground levels. It is proposed to construct a swale in this location and use the backfill to form a flood mitigation bund on the line of the old ditch, and the east side of the park as appropriate to provide additional storage capacity and to mitigate the extent of flooding during periods of prolonged heavy rainfall and particularly when the ground is saturated.

It is also proposed to re-construct the submersible pumping station, increasing the size of the wet well, providing pumps of greater capacity, providing a new valve chamber with an auxiliary suction, and providing a new raised outfall into Liggard Brook. The existing pumps are over 14 years old and approaching the end of their design life.

The approved capital programme includes a total budget of £40,000 (profiled 2021/22 - £1,000 and 2022/23 - £39,000).

### RECOMMENDATIONS

#### The committee is recommended:

1. To authorise expenditure of up to £40,000 for the Park View Drainage Improvement scheme which is included within the Councils Capital Programme (budget profiled as follows: 2021/22 - £1,000 and 2022/23 - £39,000).
2. To delegate the engagement of the contractor to the Head of Technical Services based on using the Councils request for quotation tender procedure. The contractor with the most economically advantageous tender to the council will be appointed based on price and quality.
3. To approve the procurement approach with the use of quotations through the Chest procurement hub.

## SUMMARY OF PREVIOUS DECISIONS

Full Council, 4<sup>th</sup> March 2021

Resolved that approval be given to the updated Five-Year Capital Programme which included Park View Drainage Improvements £40,000.

## CORPORATE PRIORITIES

Economy - To create a vibrant and healthy economy	√
Environment - To deliver services customers expect	√
Efficiency - By spending money in the most efficient way	√
Tourism - To create a great place to live and visit	√

## REPORT

### BACKGROUND

1. Queen Elizabeth II Park View Playing Fields is a public open space in Lytham St Anne's and is owned by Fylde Council. Part of the site has been leased to Park View 4 U Trust. The site is a natural flood plain for Lytham.
2. The site is identified at a high risk of flooding on the Government's long term flood risk map of England.
3. The site is low lying and is at risk of surface water flooding. In addition, Liggard Brook which runs along the western boundary of the site flows into the River Ribble at Graving Dock Bridge. The flood gates at Graving Dock Bridge close during high tides to protect the coast from coastal flooding which can cause water running down Liggard Brook to back up onto Park View Playing Field.
4. In September 2005 the Council leased an area of land at Park View playing fields to United Utilities for an underground detention tank with associated pumping station and associated accessory for a period of one hundred and twenty-five years.
5. Also, in 2005 the Council installed a pipe and sand slit drainage system on Park View Playing field to drain 4 sports pitches.
6. April 2015 – Liggard Brook burst its banks and flooded the area close to the bridge access from AXA Car Park
7. August 2016 – The manhole cover located near the BMX track overflowed and flooded the site.
8. September 2019 the combined sewer system surcharged into Park View QEII playing field via a manhole located in the centre of the playing field.

### SCHEME DETAILS

9. The project involves improvements to the existing drainage system at Park View playing fields. The football pitches are served by a series of land drains which drain into a submersible pumping station, which in turn, pumps the surface water into Liggard Brook.
10. The football pitches nearest at the periphery site (north end nearest the school) frequently flood, with the remainder being frequently boggy, and unplayable. The pumping station frequently cannot cope with the volume of surface water. The outfall from the pumping station becomes frequently compromised or blocked by high water levels in Liggard Brook. There is no facility in the valve chamber for an auxiliary suction. The existing pumps are over 14 years old and approaching the end of their design life.
11. Therefore, it is proposed to re-construct the submersible pumping station, increasing the size of the wet well, providing pumps of greater capacity, providing a new valve chamber with an auxiliary suction, and providing a new raised outfall into Liggard Brook.
12. Some of the drainage problems have been compounded by a backfilled ditch at the north end of the site boundary, and higher adjacent ground levels. It is proposed to construct a swale in this location and use the backfill as a bund, on the line of the old ditch, to provide additional storage capacity during periods of

prolonged heavy rainfall.

## PROCUREMENT

13. Officers from the Technical Services team have detailed the scheme up and will tender the work following the request for quotation procedure. The Head of Technical Services will request quotations using the CHEST procurement portal. The contractor with the most economically advantageous tender to the council will be appointed based on price and quality.

## FINANCIAL IMPLICATIONS

- 14. The approved Capital Programme includes a sum of £40,000 for Park View Drainage Improvements profiled as follows:**

Description	Budget
21/22 Capital Budget	£1,000
22/23 Capital Budget	£39,000
<b>Total Capital Budget</b>	<b>£40,000</b>

### Figure 1 Budget

Cost Heading	Description	Total £
Swale and bund	Creation of a natural looking seeded hollow and bank	7,000
New wet well	Increase size of circular wet well	10,000
New pumps	Replace 2 no. pumps of greater output	7,000
New valve chamber & associated pipework	Demolish and rebuild a larger surface level chamber	3,000
New outfall & associated pipework	Demolish and build new higher level outfall headwall	6,000
Preliminaries	Site offices, welfare, fencing 15%	5,000
Contingencies	5%	2,000
Total Scheme Cost:		<b><u>£40,000</u></b>

### Figure 2 Cost Breakdown

## MAINTENANCE

15. The infrastructure works proposed will be maintained by staff currently employed at the Park and existing budgets.

## PROGRAMME

16. The following programme for delivery of the project is proposed:

- Award of Contract Week 4 May 2022
- Confirmation of Acceptance Week 1 June 2022
- Commence on Site Week 3 June 2022
- Completion Week 2 August 2022

17. The works will be carried out during the football off-season to minimise disruption to football fixtures and training.

## CONCLUSION

18. The improved drainage will improve the drainage efficiency of the playing field in the park and help mitigate flood risk to the wider area. The works will thus improve customer experience to Queen Elizabeth II Park View Playing Fields.

IMPLICATIONS	
Finance	This report details the proposed delivery mechanism for the Park View Drainage Improvements and seeks approval for expenditure up to the total sum of £40,000 within the approved Capital Programme in relation to this scheme. (Capital budget profiled as follows: 2021/22 - £1,000 and 2022/23 - £39,000).
Legal	None
Community Safety	None
Human Rights and Equalities	None
Sustainability and Environmental Impact	None
Health & Safety and Risk Management	None

LEAD AUTHOR	CONTACT DETAILS	DATE
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BACKGROUND PAPERS		
Name of document	Date	Where available for inspection
N/A		

Appendix 1 - TS 19034-SK01 Plan of Park View Playing field highlighting the required drainage works