

RECOMMENDED that:

- (a) the installation of Electronic Vehicle Charge Points (EVCP) in five Council car parks at a cost of £57,000 funded by an Office for Low Emission Vehicles (OLEV) grant be agreed; and
- (b) two workplace chargers to be installed in the Council's staff car park at a cost of £13,000 which will be funded from the existing Energy Saving and Environmental Projects budget be noted.

Purpose

To install eight Electric Vehicle Charge Points (EVCP) in five of the Council car parks and two workplace chargers in the Council's staff car park.

Background

At its meeting of 16 December 2019 Cabinet resolved that (a) the installation of electric charging points at four of the Council's car parks using the turnkey model be agreed; and (b) a further report be made to Cabinet in twelve months.

Subsequent to this meeting the work was tendered to supply, install and manage eight electric vehicle charging points in five car parks. 29 companies showed an interest with the Council receiving three tenders. These have been evaluated and the most economically beneficial contractor selected.

The Project

The installation costs of the works in the Council's car parks will be £57,000. However, the Council will apply for full funding of £100,000 to cover this initial installation and further additions of EVCP if the initial installation proves popular. The funding will be by way of an Office for Low Emission Vehicles (OLEV) grant. Once the grant has been approved by OLEV then the electric vehicle chargers can be commissioned and installed with payment made being made from the awarded grant. The anticipated timescales for this work will be between 12 weeks to 26 weeks.

Two types of charger will be installed; 22kW and 7kW both of which are referred to as fast chargers. 22kW chargers are suitable for newer electric vehicles such as Tesla, Leaf and LEVC Taxi and provide about 90 miles of charge per hour and will fully charge a vehicle within three hours. 7kW chargers are suitable for all electric vehicles providing about 30 miles of charge per hour and will fully charge a vehicle within six hours.

This proposal also includes plans to install two charging points in the Bishop's College staff car park. This will allow the Council's pool cars to be replaced, on their renewal, with electric vehicles. The OLEV funding for these will be slightly different as this is known as workplace chargers and the available funding for these is not on a full cost basis. The available funding is £350 for each charge point therefore the Council will apply for £1,400 funding for the four charge points. However, the installation cost for will be £13,000. The balance of funding for the work in the staff car park will be from the Energy Saving and Environmental Projects approved budget of £125,000.

Details of the locations and costs of each charger is below:

Location	Charger Type	No of Chargers	Number of Points	Cost for Chargers	Total
Laura Trott	7kW	1	2	£6,500	
Laura Trott	22kW	1	2	£7,500	£14,000
Broxbourne Lido	22kW	1	2	£7,500	£7,500
High Street WX	7kW	1	2	£6,500	
High Street WX	22kW	1	2	£7,500	£14,000
Eleanor Cross	22kW	1	2	£7,500	£7,500
Borough Council Office	7kW	1	2	£6,500	
Borough Council Office	22kW	1	2	£7,500	£14,000
Borough Office Staff Car Park	7kW	2	4	£13,000	£13,000
Total		10	20		£70,000

Financial, Legal and Risk Management Implications

The total costs of the works in the car parks will be fully funded by an OLEV grant.

The total cost for the installation of two workplace chargers to be installed in the Councils staff car park will be £13,000 of which £1,400 will be funded by the OLEV grant and the balance will be met from within existing approved budgets.

Alternative Options Considered and Rejected

The alternative options to this proposal are that the Council funds the works itself which is unnecessary. Also the Council could choose to not install EVCP and this option was considered in the original cabinet report and was rejected. The Council could also choose to install more than eight points in its car parks. However, demand for the chargers is not yet known and would need to be assessed before additional points are installed.

Contribution to the Council's Objectives and Environmental Sustainability Priorities

A THRIVING ECONOMY: Offering Business Growth and Jobs - Foster development of town centres as vibrant locations for business and leisure.

SUSTAINABLE LIVING: In An Attractive Environment - Take action to improve air quality.

AN EFFECTIVE COUNCIL: Efficient And Responsive To The Needs Of Residents - Build strong partnerships to deliver more for the Borough.

The roll-out of EVCP will contribute to the Councils ambition to reduce the carbon footprint of the Borough and improve air quality.

Conclusion

The Council is committed to its Environmental Sustainability strategy. The installation of electric vehicle charging points with the assistance of OLEV funding will provide drives of electric vehicles the opportunity to charge their vehicles whilst in the local town centres.

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Date 22/06/20

Action reported to the Cabinet on:
