

REQUEST FOR DMPC DECISION – PCD 226

Title: Trial of Zero Emission Propulsion Projects

Executive Summary:

The MPS is seeking approval to undertake a number of procurement actions to enable two hydrogen vehicle projects to be undertaken. These comprise of:

- A trial of 7 zero emission hydrogen Suzuki GB PLC scooters over an 18 month period for Roads Transport Policing use. This will involve installing a hydrogen refuelling station on the Catford site and will allow users to test new zero emission technology. This may be run in conjunction with the Advanced Propulsion Centre (APC). This would allow the MPS to access grant funding.
- The initiation of hydrogen car procurement action up to the value of £2.6m, this equates to approximately 60 vehicles and will be funded through the vehicle replacement program and its associated approved capital program. A grant from Fuel Cells and Hydrogen Joint Undertaking (FCH JU) will also be utilised.

Recommendation:

The DMPC is asked to

Hydrogen Scooter Project

- 1) Accept the loan of 7 scooters from Suzuki GB PLC.
- 2) Become a member of the Advanced Propulsion Centre to enable the MPS to be eligible to claim back 96.5% of the project costs via a grant available to consortium project members.
- 3) Approve to undertake a Single Tender Action and award to Air Products PLC for an 18 month contract for the supply, installation and rental of hydrogen re-fuelling infrastructure. This will also include the supply of hydrogen fuel for the duration of the trial.
- 4) Agree to allow the MPS's Property Services Department (PSD) to construct a lease agreement to facilitate third party hydrogen refuelling infrastructure to be installed on our Catford Site.

Hydrogen Vehicle Project

- 5) Approve to initiate procurement action for hydrogen vehicles up to the value of £2.6m. This will be funded from Fleet Services approved capital program over the next 4 years in line with the Vehicle Replacement Program. Funding will also be obtained from a grant offered by FCH JU.
- 6) Approve to undertake a Single Tender Action and award to ITM Power PLC for the supply of fuel cards for up to 60 hydrogen assets. This will be funded from existing MPS devolved fuel budgets.
- 7) Approve to undertake a Single Tender Action and award to Air Products PLC for the supply of fuel cards for up to 60 hydrogen vehicles.

Deputy Mayor for Policing And Crime

I confirm I have considered whether or not I have any personal or prejudicial interest in this matter and take the proposed decision in compliance with the Code of Conduct. Any such interests are recorded below.

The above request has my approval.

Signature

Spaul Under

Date

26/6/17

PART I - NON-CONFIDENTIAL FACTS AND ADVICE TO THE DMPC

Decision required – supporting report

1. Introduction and background

- 1.1. The MPS is working towards reducing the impact its vehicle fleet has on the environment in terms of emissions. To support this aim the MPS wishes to embark on two zero emission hydrogen projects – Hydrogen Scooter Project and the Hydrogen Vehicle Project. Both of these projects will provide the MPS with the opportunity to test new innovative technology which produces zero emissions at the point of use. This is in line with the Mayor's vision for a cleaner London and also supports the MPS's Environmental and Sustainability Management Framework to explore new ways of reducing our emissions.
- 1.2. The MPS is in the unique position of being the only organisation outside of Japan, that has been approached by Suzuki GB PLC to trial their hydrogen scooters. The Hydrogen Vehicle Project will enable the MPS to receive EU grant funding towards the cost of 10 vehicles as part of the MPS's vehicle replacement programme. The MPS previously received approval to apply for the EU grant funding and the bid has been coordinated and submitted by Element Energy.

2. Issues for consideration

- 2.1. In order for the MPS to reduce its vehicle emissions and its reliance on fossil fuels, alternative fuel types need to be examined. These zero emission hydrogen propulsion projects provide the MPS with the opportunity to examine these alternatives and provide the necessary empirical evidence to support any changes to the MPS vehicle fleet.
- 2.2. See the Part 2 for details.

3. Financial Comments

- 3.1. Hydrogen Scooter Trial
This project will involve the trial of 7 hydrogen scooters, which will be on loan to the MPS from Suzuki GB PLC. The cost to the MPS for participation in this trial can be contained within existing budget resources.
- 3.2. Hydrogen Vehicle Project
The procurement of up to 60 hydrogen vehicles will be part of the MPS vehicle replacement programme and as such £2.4m will be funded from the Fleet capital plan. The MPS will be receiving an EU grant of £0.2m towards the cost of 10 vehicles.
- 3.3. Further details are discussed in the Part 2.

4. Legal Comments

- 4.1. There are no legal implications arising from this report.

5. Equality Comments

- 5.1. There are no direct equality or diversity implications arising from this report

6. Background/supporting papers

- 6.1. Report.

Public access to information

Information in this form is subject to the Freedom of Information Act 2000 (FOIA) and other legislation. Part 1 of this form will be made available on the MOPAC website within 1 working day of approval. Any facts/advice/recommendations that should not be made automatically available on request should not be included in Part 1 but instead on the separate Part 2 form. Deferment is only applicable where release before that date would compromise the implementation of the decision being approved.

Part 1 Deferral:

Is the publication of Part 1 of this approval to be deferred ? NO

Part 2 Confidentiality: Only the facts or advice considered as likely to be exempt from disclosure under the FOIA should be in the separate Part 2 form, together with the legal rational for non-publication.

Is there a **part 2** form – Yes

If yes, for what reason: EXEMPT under Article 2(2)(a) of the Elected Local Policing Bodies (Specified Information) Order 2011.

ORIGINATING OFFICER DECLARATION:

Head of Unit: The Chief Financial Officer has reviewed the request and is satisfied it is correct and consistent with the MOPAC's plans and priorities.	✓
Legal Advice: The MPS legal team has been consulted on the proposal.	✓
Financial Advice: The Chief Financial Officer has been consulted on this proposal.	✓
Equalities Advice: No Equality and Diversity issues identified.	✓

OFFICER APPROVAL

Chief Executive Officer

I have been consulted about the proposal and confirm that financial, legal and equalities advice has been taken into account in the preparation of this report. I am satisfied that this is an appropriate request to be submitted to the Deputy Mayor for Policing and Crime.

Signature *R. Lawrence*

Date *26/6/17*