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#### **Planning**

# **Energy Storage Systems**

Highways England

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-020012

Procurement identifier (OCID): ocds-h6vhtk-02d59a

Published 16 August 2021, 10:45pm

## **Section I: Contracting authority**

## I.1) Name and addresses

Highways England

Bridge House, 1 Walnut Tree Close

Guildford

GU1 4LZ

#### **Email**

MSA-ESSProcurement@highwaysengland.co.uk

#### Country

**United Kingdom** 

#### **NUTS** code

UK - United Kingdom

#### Internet address(es)

Main address

www.highwaysengland.co.uk

## I.3) Communication

Additional information can be obtained from the above-mentioned address

## I.4) Type of the contracting authority

National or federal Agency/Office

## I.5) Main activity

General public services

## **Section II: Object**

## II.1) Scope of the procurement

II.1.1) Title

**Energy Storage Systems** 

#### II.1.2) Main CPV code

• 31440000 - Batteries

#### II.1.3) Type of contract

**Supplies** 

#### II.1.4) Short description

Highways England is developing a procurement strategy to procure the supply, installation and maintenance of Energy Storage Systems throughout England. Energy Storage Systems deliver temporary provision of supplementary electricity capacity as well as load balancing (decreasing demands on the permanent electricity networks) at various locations without upgrade of supply, in accordance with Highways England's standards and objectives. Initial thinking is that such Energy Storage Systems will have capacity of between 0.5MW and 2.5MW at each location targeted.

Once procured, the first project utilising this contract will contribute to the Government's

commitment of a minimum of six high powered electric vehicle charge points at all Motorway Service Areas (MSA) in England by 2023 by enabling rollout at locations where existing DNO (Distribution Network Operator) or National Grid capacity is insufficient to support delivering the commitment within the required timescales up to the estimated value of £11m (Tranche 1), and the cost of adding new capacity is commercially unviable. This market engagement seeks to discuss both specification and service requirement with contractors to fully develop the procurement strategy prior to tender.

#### II.1.5) Estimated total value

Value excluding VAT: £60,000,000

#### II.1.6) Information about lots

This contract is divided into lots: Yes

### II.2) Description

#### II.2.1) Title

Lot No

**TBC** 

#### II.2.2) Additional CPV code(s)

- 31158100 Battery chargers
- 31210000 Electrical apparatus for switching or protecting electrical circuits
- 31220000 Electrical circuit components
- 31600000 Electrical equipment and apparatus
- 31670000 Electrical parts of machinery or apparatus
- 31680000 Electrical supplies and accessories
- 44100000 Construction materials and associated items
- 44110000 Construction materials
- 44140000 Products related to construction materials
- 44190000 Miscellaneous construction materials
- 45223810 Prefabricated constructions

- 45251100 Construction work for power plant
- 45310000 Electrical installation work
- 45315000 Electrical installation work of heating and other electrical building-equipment
- 45317300 Electrical installation work of electrical distribution apparatus
- 45320000 Insulation work
- 50532000 Repair and maintenance services of electrical machinery, apparatus and associated equipment
- 63712600 Vehicle refuelling services
- 71314000 Energy and related services

#### II.2.3) Place of performance

**NUTS** codes

• UK - United Kingdom

Main site or place of performance

Sites throughout England which are yet to be specified.

#### II.2.4) Description of the procurement

Highways England is exploring opportunities to set up a contract, potentially an enabled framework, for the supply, installation and maintenance of Energy Storage Systems throughout England. The solution is to deliver temporary provision of supplementary electricity capacity as well as load balancing (decreasing demands on the permanent electricity networks) without upgrade of supply, in accordance with Highways England's standards and objectives. Initial thinking is that such Energy Storage Systems will have capacity of between 0.5MW and 2.5MW at each location targeted.

Highways England's objective is for this to contribute to the Government's commitment of a minimum of six high powered electric vehicle charge points at all MSAs in England by 2023 by enabling rollout at locations where DNO (Distribution Network Operator) or National Grid capacity is insufficient to support delivering the commitment within the required timescales up to the value of £11m (Tranche 1). The full specification of our requirements will be released with tender documentation.

## II.3) Estimated date of publication of contract notice

8 March 2022

## Section IV. Procedure

### **IV.1) Description**

#### IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: No

## **Section VI. Complementary information**

## VI.3) Additional information

#### Early Engagement

Highways England wishes to engage early with potential suppliers, through a series of virtual meetings and possible visits (dependent upon Covid restrictions). The aim of which is to develop the specification and procurement strategy to enable multiple bodies to procure a variety of size options for this unit. Initial thinking is that such Energy Storage Systems will have capacity of between 0.5MW and 2.5MW at each location targeted.

The potential value of the contract is up to a maximum of £60m over a 4-year period. The procurement will take place in tranches.

Tranche 1 —estimated up to £11m to meet the requirements for the first project, procured directly by Highways England for the supply of units to Motorway Service Areas, for which specific locations are yet to be determined.

Highways England's aim is that following early engagement with the supply chain, an efficient and effective commercial model that works for all stakeholders will be developed, culminating in a more accurate estimate of the contract value in readiness for the invitation of tenders. Appointment times will be limited, therefore please only register your interest if your company can fulfil the requirements and may be interested in tendering for this opportunity.

To register your interest in a first meeting during week commencing 13 September, please email Laurence Potts at

MSA-ESSProcurement@highwaysengland.co.uk by 8 September 2021.