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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): ocids-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.