

Reference	Title	Issued	Revision
FO-PRS-EMP-114	RFI Attachment 004 (Procurement Documents)	August 2017	1.00

Procurement & Commercial

Procurement Documents

Arklow Floating Lidar Requirements 0320

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Procurement Overview

RFI Reference

Arklow Floating Lidar Requirement – 0320

Scope of Work

INTRODUCTION

Sure Partners Limited (SPL) are developing the Arklow Bank Wind Park project off the Wicklow coast in Ireland. To facilitate wind resource assessment and detailed engineering, SPL require additional wind data. This notice is for a service contract for the supply of wind resource data using a Floating Lidar System at the wind farm location. Lidar data is to be supplied for a period of between 13 months and 25 months, with the final duration at the client's discretion. The floating lidar deployment will involve two on-site measurement locations, with the first validation location likely to run for a period of approximately one month after which the device will be moved to the second measurement location for the remaining duration. The tender will also include the option of a second Lidar deployment, which may or may not be exercised.

SCOPE OF WORK

- The Tenderer should be capable and able to evidence their experience of providing this service on a data as a service basis.
- The level of system maturity for the Floating Lidar System should meet, as a minimum, the Stage 2: Pre-commercial Maturity Stage requirements as defined in the OWA Roadmap [1].
- The Floating Lidar System should meet the minimum requirements of a Floating Lidar System unit for the purpose of Wind Resource Assessment as detailed in the IEA Recommended Practices for Floating Lidar Systems [2].

REFERENCES

[1] Carbon Trust OWA roadmap for the commercial acceptance of floating LIDAR technology, Version 2.0, 9 October 2018

[2] IEA State-of-the-Art Report: Recommended Practices for Floating Lidar, Issue 1.0, 2 February 2016

Size / Volume / Length of Project:

Lidar data is to be supplied for a period of between 13 months and 25 months, with the final duration at the client's discretion.

Anticipated Project / Contract Duration:

It is anticipated that field works will start in April 2020.

Proposed Strategy:

The tenderer should be capable and experienced to supply all management, technical support and competent labour, supervision, vessels, equipment, tools, materials, consumables, temporary works and each and all other resources necessary for the handling, transportation, deployment/removal, monitoring, measuring, testing, maintenance and quality assurance necessary for the delivery of the Work.

Expressions of interest emails should be titled **Arklow Floating Lidar Requirement – 0320** and be sent to **Stuart Skipsey** at stuart.skipsey@sse.com and confirm your intention to participate in this Invitation to Tender stating the primary contact name and details (email address).

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Proposed Form of Contract

It is anticipated that the Contract will be in accordance with Logic (General Conditions of Contract for Services (On and Offshore) Edition 2 October 2014.

Any resultant Contract, shall be governed under Irish law.

Contract / Framework Agreement

The intention of the Authority is to make a Contract between the Authority and the successful Tenderer(s). The following are Parties to the Contract/Agreement [Sure Partners Limited].

Supplementary Information

This opportunity is advertised on the OJEU under Notice number **19-535792-001** with Procurement documentation available on <http://sse.com/potential-suppliers/>