

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

# Procurement & Commercial

## Procurement Documents

RFI - FW - Goods and Supply - Yaw  
Gears - Multisite 0922

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## Procurement Overview

### RFI Reference

**RFI - FW - Goods and Supply - Yaw Gears - Multisite 0922**

### Scope of Work

Yaw Gear specification for Siemens 2.3CS machines

For the purpose of this specific tender we shall be looking at both new gears and reconditioned gears.

We are looking at stock being held for Yaw Gears, with delivery to two sites. One in Ireland and one in Scotland. Estimated usage is 20 per year per site.

Address below

SSE Clyde stores  
Clyde Wind Farm,  
Entrance F, B7076,  
Biggar,  
ML12 6RL  
Scotland

SSE Stores & Logistics  
Unit 9-11  
Ballyconnell Business Pk  
Rakeelan  
Ballyconnell  
Co Cavan  
RoI  
Eircode H14 A567

The current gear is as follows.

|                             |         |          |                      |           |
|-----------------------------|---------|----------|----------------------|-----------|
| Ratio                       | 857 / 1 |          |                      |           |
| Cont Torque Rating          | 12210   | Nm       | Minimum Requirement  |           |
| Max Torque Rating           | 24420   | Nm       | Minimum Requirement  |           |
| Output speed                | 1.1     | RPM      |                      |           |
| Input speed                 | 960     | RPM      |                      |           |
| Weight                      | 180     | Kg       | Max Requirement      |           |
|                             | Min     | Max      |                      |           |
| Operating temperature range | -20DegC | +50DegC  |                      |           |
| Overall Length              | 721mm   |          |                      |           |
| Length Flange to bottom     | 337.5mm |          |                      |           |
| Flange to Motor mount       | 384mm   |          |                      |           |
| Mounting flange             | number  | diameter |                      |           |
| Through holes               | 12      | 16.5mm   | @30 degrees spacing  | 314mm PCD |
| Prefix / Jacking Holes      | 3       | M16      | Threaded std pitch   |           |
| Flange Diameter             | 345mm   |          |                      |           |
| Motor mounting flange       | number  | diameter |                      |           |
| Motor Mounting holes        | 4       | M10      | @ 90 degrees spacing | 165 PCD   |

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|                    |           |  |  |  |
|--------------------|-----------|--|--|--|
| Flange Diameter    | 200mm     |  |  |  |
| Input              |           |  |  |  |
| Female Keyed shaft | 24mm Dia  |  |  |  |
| Key Width          | 8mm       |  |  |  |
| Output Gear        |           |  |  |  |
| Size               | 216mm Dia |  |  |  |
| Teeth              | 15 off    |  |  |  |

#### Size / Volume / Length of Project:

Up to 20 Yaw Gears per site for a 3 year Framework

#### Anticipated Project / Contract Duration:

Anticipated start date is September 2019, up to August 2022

#### Intention

The Authority will use the information provided in response to this Pre-Qualification Questionnaire (PQQ) to make an assessment of the Supplier's economic and financial standing and technical and professional ability in order to decide who will be invited to tender for the agreement. The Authority's intention is to arrive at a Short List of Suppliers which comprises the top 10 overall scores. All of those Suppliers will then be invited to tender for the agreement. The Authority will evaluate PQQ responses in line with the Selection Criteria.

#### Proposed Strategy:

The contractor should assume that they will supply all other resources necessary for the handling, transportation, unloading, and quality assurance necessary for the delivery of the Work. The purpose of this pre-qualification is to identify suitably qualified and experienced contractors to be shortlisted and invited to tender for the works. These tenders will be evaluated on a Most Economically Advantageous Tender basis.

Expressions of interest emails should be titled **RFI - FW - Goods and Supply - Yaw Gears - Multisite 0922** and be sent to Louise Emmett at [louise.emmett@sse.com](mailto:louise.emmett@sse.com) and confirm your intention to submit a fully populated Pre-Qualification form as attached below. All participants should also provide details within the PQQ of the principal contact for the tender and relevant email address to be added to our Emptoris tendering system.

#### Proposed Form of Contract

NEC Services Contract April 2013 with amendments via Z clauses

Any resultant Contract entered into shall be governed under Scots law.

#### Contract / Framework Agreement

The intention of the Authority is to make a Contract between the Authority and the successful Supplier(s). The following are Parties to the Contract All SSE Parties to the Contract

#### Supplementary Information

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