

Reino Unido-Newcastle upon Tyne: Equipos de radio, televisión, comunicaciones y telecomunicaciones y equipos conexos

OJ S 31/2019 13/02/2019

Anuncio de información previa

Obras

Base jurídica:

Directiva 2014/24/UE

Apartado I: Poder adjudicador

I.1. Nombre y direcciones

Nombre oficial: Northern Powergrid (Yorkshire) Plc, Northern Powergrid (Northeast) Ltd

Localidad: Newcastle upon Tyne

Código NUTS: UKC North East (England)

Código postal: NE11 6AF

País: Reino Unido

Persona de contacto: Sally Hartley

Correo electrónico: sally.hartley@northernpowergrid.com

Teléfono: +44 1977605669

Direcciones de internet:Dirección principal: <http://www.northernpowergrid.com/>**I.3. Comunicación**

Puede obtenerse más información en la dirección mencionada arriba

Las ofertas o solicitudes de participación deben enviarse a la dirección mencionada arriba

I.4. Tipo de poder adjudicador

Organismo de Derecho público

I.5. Principal actividad

Servicios públicos generales

Apartado II: Objeto

II.1. Ámbito de la contratación**II.1.1. Denominación**

Secondary SCADA Communications Replacement

Número de referencia: NPg19031

II.1.2. Código CPV principal

32000000 Equipos de radio, televisión, comunicaciones y telecomunicaciones y equipos conexos

II.1.3. Tipo de contrato

Obras

II.1.4. Breve descripción

Northern Powergrid (NPG) are looking at replacing the legacy communications to Remote Terminal Units (RTU) on the secondary electrical distribution network. Currently Northern

Powergrid have 2 Telemetry networks operating independently of each other; 1 in the North East and 1 in Yorkshire. The data transferred utilises the DNP3 protocol and eventually ends up in 1 of 2 GE ENMAC (Power On Fusion) Network Management System (NMS) geographically separated for redundancy purposes in one of our control centres. The intention is to build a common solution using hill top base station sites, approximately 80 in total. NPG will identify these sites and deal with all site based requirements separate to the tender. The solution will use 80 x 12,5 kHz channels in the VHF band, all RF planning will have been completed prior to issuing the tender and subsequent rollout programme; this will also be separate to this tender.

II.1.5. Valor total estimado

II.1.6. Información relativa a los lotes

El contrato está dividido en lotes: no

II.2. Descripción

II.2.2. Código(s) CPV adicional(es)

45314000 Instalación de equipo de telecomunicaciones

II.2.3. Lugar de ejecución

Código NUTS: UKC North East (England)

II.2.4. Descripción del contrato

Northern Powergrid (NPG) are looking at replacing the legacy communications to Remote Terminal Units (RTU) on the secondary electrical distribution network. Currently Northern Powergrid have 2 Telemetry networks operating independently of each other; 1 in the North East and 1 in Yorkshire. The data transferred utilises the DNP3 protocol and eventually ends up in 1 of 2 GE ENMAC (Power On Fusion) Network Management System (NMS) geographically separated for redundancy purposes in one of our control centres. The intention is to build a common solution using hill top base station sites, approximately 80 in total. NPG will identify these sites and deal with all site based requirements separate to the tender. The solution will use 80 x 12,5 kHz channels in the VHF band, all RF planning will have been completed prior to issuing the tender and subsequent rollout programme; this will also be separate to this tender.

NPG believe it will be possible to achieve data rates of up to 40 kps, any proposed solution should look to meet this.

There will be over 6 500 outstation sites that will require a site visit to install new hardware. A new transceiver, antenna and new cabling will be required as a minimum. There will also be a requirement on the installer to re-programme the RTU connected to the transceiver and then re-commission the site. The connection between the RTU and transceiver is serial. Due to the location of some of the equipment NPG provided personnel will install equipment at approximately 2 000 of these sites with the winning bidder supplying the equipment.

A new network management system will be required to monitor all of the new telecommunication equipment. All new hardware should be ip addressable, with the ip design being a component of the tender.

Security is a very important component of the design. End to end encryption will be necessary with end points at the outstation and control centres. All radio links should also include over air encryption: AES 256 as a minimum. It may also be necessary to install a door or cabinet alarm which should utilise i/o alarms on the transmitter. SNMP v3 is a minimum requirement.

The tender will be released in Q2 of 2019 with contract award announced at the beginning of Q4; subject to a satisfactory tender process. There will be 2 contracts awarded; the first to

carry out a proof of concept to confirm the solution meets all of our needs. On completion of a successful proof of concept the contract for the full rollout will be awarded.

We foresee the project taking 3 ¼ years to complete with an end date of Q1 2023. The envisaged costs for delivering this are expected to be between 14 000 000 GBP and 20 000 000 GBP.

II.2.5. Criterios de adjudicación

II.2.6. Valor estimado

II.2.7. Duración del contrato, acuerdo marco o sistema dinámico de adquisición

II.2.10. Información sobre las variantes

II.2.11. Información sobre las opciones

II.2.13. Información sobre fondos de la Unión Europea

El contrato se refiere a un proyecto o programa financiado con fondos de la Unión Europea: no

II.2.14. Información adicional

Northern Powergrid intend to advertise this opportunity via the Utilities Vendor Database (UVDB) hosted by Achilles. Suppliers wishing to take part in this exercise must be registered on the UVDB. For consortia or joint venture bids, the group must be registered in order to take part as the intended consortia or joint venture.

The intended turnover filter to be used in the UVDB is > 4 000 000 GBP.

Apartado IV: Procedimiento

IV.1. Descripción

IV.1.1. Tipo de procedimiento

Procedimiento de licitación con negociación

IV.1.3. Información sobre un acuerdo marco o un sistema dinámico de adquisición

IV.1.6. Información sobre la subasta electrónica

Se realizará una subasta electrónica

IV.1.8. Información acerca del Acuerdo sobre Contratación Pública

El contrato está cubierto por el Acuerdo sobre Contratación Pública: sí

IV.2. Información administrativa

IV.2.2. Plazo para la recepción de manifestaciones de interés

Fecha: 28/02/2019 Hora local: 12:00

IV.2.4. Lenguas en que pueden presentarse las ofertas o las solicitudes de participación

Inglés

IV.2.5. Fecha prevista para el inicio de los procedimientos de adjudicación

Apartado VI: Información complementaria

VI.3. Información adicional

VI.4. Procedimientos de recurso

VI.4.1. Órgano competente para los procedimientos de recurso

Nombre oficial: Northern Powergrid Internal Audit

Localidad: Newcastle

País: Reino Unido

VI.5. Fecha de envío del presente anuncio

08/02/2019