

**Ir-Renju Unit-Newcastle upon Tyne: Tagħmir tar-radju, tat-televiżjoni, tal-komunikazzjoni, tat-telekomunikazzjoni u tagħmir relatat**

**OJ S 31/2019 13/02/2019**

**Avviż ta' informazzjoni minn qabel  
Xogħlijiet**

**Il-baži ġuridika:**

Direttiva 2014/24/UE

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## **Taqsimi I: Awtorità kontraenti**

### **I.1. Isem u indirizzi**

Isem uffiċjali: Northern Powergrid (Yorkshire) Plc, Northern Powergrid (Northeast) Ltd

Belt: Newcastle upon Tyne

Kodiċi NUTS: UKC North East (England)

Kodiċi postali: NE11 6AF

Pajjiż: Ir-Renju Unit

Persuna ta' kuntatt: Sally Hartley

Posta elettronika: [sally.hartley@northernpowergrid.com](mailto:sally.hartley@northernpowergrid.com)

Telefown: +44 1977605669

**Indirizz(i) tal-Internet:**

Indirizz ewlieni: <http://www.northernpowergrid.com/>

### **I.3. Komunikazzjoni**

Aktar informazzjoni tista' tinkiseb minn l-indirizz imsemmi hawn fuq

Offerti jew talbiet għall-partecipazzjoni għandhom jintbagħtu l-indirizz imsemmi hawn fuq

### **I.4. Tip ta' awtorità kontraenti**

Korp irregolat mil-liġi pubblika

### **I.5. Attività ewlenija**

Servizzi pubbliċi ġenerali

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## **Taqsimi II: L-għan**

### **II.1. L-għan tal-ksib**

#### **II.1.1. Titlu**

Secondary SCADA Communications Replacement

Numru ta' referenza: NPG19031

#### **II.1.2. Kodiċi ewlieni CPV**

32000000 Tagħmir tar-radju, tat-televiżjoni, tal-komunikazzjoni, tat-telekomunikazzjoni u tagħmir relatat

#### **II.1.3. It-tip ta' kuntratt**

Xogħlijiet

#### **II.1.4. Deskrizzjoni qasira**

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. Stima tal-valur totali**

#### **II.1.6. Informazzjoni dwar il-lottijiet**

Dan il-kuntratt huwa maqsum f'lottijiet: le

#### **II.2. Deskrizzjoni**

##### **II.2.2. Kodiċi(jiet) addizzjonali tal-VKK**

45314000 Stallazzjoni ta' apparat tat-telekommunikazzjoni

##### **II.2.3. Il-post tat-twettiq**

Kodiċi NUTS: UKC North East (England)

##### **II.2.4. Deskrizzjoni tal-akkwist**

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. Kriterji tal-għoti**

#### **II.2.6. Stima tal-valur**

#### **II.2.7. Tul tal-kuntratt, qafas ta' ftehim jew sistema dinamika ta' xiri**

#### **II.2.10. Informazzjoni dwar il-varjanti**

#### **II.2.11. Informazzjoni dwar l-għażliet**

#### **II.2.13. Informazzjoni dwar Fondi tal-Unjoni Ewropea**

L-akkwist huwa marbut ma' proġett u/jew programm iffinanzjat mill-fondi tal-Unjoni Ewropea: le

#### **II.2.14. Informazzjoni addizzjonali**

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.

### **Taqsim IV: Proċedura**

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#### **IV.1. Deskrizzjoni**

##### **IV.1.1. Tip ta' proċedura**

Proċedura kompetittiva bin-negozjazzjoni

##### **IV.1.3. Informazzjoni dwar ftehim qafas jew sistema dinamika ta' xiri**

##### **IV.1.6. Informazzjoni dwar irkant elettroniku**

Ser jintuża rkant elettroniku

##### **IV.1.8. Informazzjoni dwar il-Ftehim dwar l-Akkwisti Pubbliċi (GPA)**

L-akkwist huwa kopert mill-GPA: iva

#### **IV.2. Informazzjoni amministrattiva**

##### **IV.2.2. Limitu ta' żmien għall-wasla tal-espressjonijiet ta' interess**

Data: 28/02/2019 Ħin lokali: 12:00

##### **IV.2.4. Lingwi li bihom jistgħu jkunu sottomessi l-offerti jew it-talbiet għall-partekipazzjoni**

Ingliz

##### **IV.2.5. Data skedata għall-bidu tal-proċeduri tal-għoti**

### **Taqsim VI: Informazzjoni kumplimentari**

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#### **VI.3. Informazzjoni addizzjonali**

#### **VI.4. Proċeduri ta' analiżi mill-ġdid**

**VI.4.1. Korp responsabbli għall-proċeduri ta' analiżi mill-ġdid**

Isem uffiċjali: Northern Powergrid Internal Audit

Belt: Newcastle

Pajjiż: Ir-Renju Unit

**VI.5. Data ta' meta ntbagħat dan l-avviż**

08/02/2019