

**Ujedinjena Kraljevina-Newcastle upon Tyne: Radijska, televizijska, komunikacijska i srodna oprema**

OJ S 31/2019 13/02/2019

Prethodna informacijska obavijest

Radovi

**Pravna osnova:**

Direktiva 2014/24/EU

**Odjeljak I: Javni naručitelj**

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**I.1. Naziv i adrese**

Službeni naziv: Northern Powergrid (Yorkshire) Plc, Northern Powergrid (Northeast) Ltd

Mjesto: Newcastle upon Tyne

NUTS kod: UKC North East (England)

Poštanski broj: NE11 6AF

Država: Ujedinjeno Kraljevstvo

Osoba za kontakt: Sally Hartley

E-pošta: [sally.hartley@northernpowergrid.com](mailto:sally.hartley@northernpowergrid.com)

Telefon: +44 1977605669

**Internetska(-e) adresa(-e):**Glavna adresa: <http://www.northernpowergrid.com/>**I.3. Komunikacija**

Dodatne informacije dostupne su na prethodno navedenoj adresi

Ponude ili zahtjevi za sudjelovanje moraju se podnijeti na prethodno navedenu adresu

**I.4. Vrsta javnog naručitelja**

Tijelo kojime se upravlja na temelju javnog prava

**I.5. Glavna djelatnost**

Opće javne usluge

**Odjeljak II: Predmet**

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**II.1. Opseg nabave****II.1.1. Naziv**

Secondary SCADA Communications Replacement

Referentni broj: NPg19031

**II.1.2. Glavna CPV oznaka**

32000000 Radijska, televizijska, komunikacijska i srodna oprema

**II.1.3. Vrsta ugovora**

Radovi

**II.1.4. Kratak opis**

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. Procijenjena ukupna vrijednost**

#### **II.1.6. Podaci o grupama**

Ovaj ugovor podijeljen je na grupe: ne

### **II.2. Opis**

#### **II.2.2. Dodatne šifre CPV-a**

45314000 Ugradnja telekomunikacijske opreme

#### **II.2.3. Mjesto izvršenja**

NUTS kod: UKC North East (England)

#### **II.2.4. Opis nabave**

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. Kriteriji za dodjelu**

#### **II.2.6. Procijenjena vrijednost**

#### **II.2.7. Trajanje ugovora, okvirnog sporazuma ili dinamičkog sustava nabave**

#### **II.2.10. Podaci o varijantama**

#### **II.2.11. Podaci o opcijama**

#### **II.2.13. Podaci o fondovima Europske unije**

Nabava je povezana s projektom i/ili programom koji se financira iz fondova Europske unije: ne

#### **II.2.14. Dodatni podaci**

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.

### **Odjeljak IV: Postupak**

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#### **IV.1. Opis**

##### **IV.1.1. Vrsta postupka**

Natjecateljski postupak uz pregovore

##### **IV.1.3. Podaci o okvirnom sporazumu ili dinamičkom sustavu nabave**

##### **IV.1.6. Podaci o elektroničkoj dražbi**

Provodit će se elektronička dražba

##### **IV.1.8. Podaci o Sporazumu o javnoj nabavi (GPA)**

Nabava je obuhvaćena Sporazumom o javnoj nabavi: da

#### **IV.2. Administrativni podaci**

##### **IV.2.2. Rok za primitak iskaza interesa**

Datum: 28/02/2019 Lokalno vrijeme: 12:00

##### **IV.2.4. Jezici na kojima se mogu dostaviti ponude ili zahtjevi za sudjelovanje**

Engleski

##### **IV.2.5. Planirani datum početka postupaka dodjele**

### **Odjeljak VI: Dopunski podaci**

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**VI.3. Dodatni podaci**

**VI.4. Postupci pravne zaštite**

**VI.4.1. Tijelo nadležno za postupak pravne zaštite**

Službeni naziv: Northern Powergrid Internal Audit

Mjesto: Newcastle

Država: Ujedinjeno Kraljevstvo

**VI.5. Datum slanja ove obavijesti**

08/02/2019