

Združeno kraljestvo-Newcastle upon Tyne: Radijski in televizijski aparati, komunikacijska, telekomunikacijska in z njimi povezana oprema

OJ S 31/2019 13/02/2019

Predhodno informativno obvestilo

Gradnje

Pravna podlaga:

Direktiva 2014/24/EU

Oddelek I: Javni naročnik

I.1. Ime in naslovi

Uradno ime: Northern Powergrid (Yorkshire) Plc, Northern Powergrid (Northeast) Ltd

Kraj: Newcastle upon Tyne

Šifra NUTS: UKC North East (England)

Poštna številka: NE11 6AF

Država: Združeno kraljestvo

Kontaktna oseba: Sally Hartley

E-naslov: sally.hartley@northernpowergrid.com

Telefon: +44 1977605669

Internetni naslovi:

Glavni naslov: <http://www.northernpowergrid.com/>

I.3. Sporočanje

Dodatne informacije lahko dobite na zgoraj navedenem naslovu

Ponudbe ali prijave za sodelovanje je treba poslati na zgoraj navedeni naslov

I.4. Vrsta javnega naročnika

Oseba javnega prava

I.5. Glavna področja dejavnosti

Javna uprava

Oddelek II: Predmet

II.1. Obseg naročila

II.1.1. Naslov

Secondary SCADA Communications Replacement

Referenčna številka dokumenta: NPg19031

II.1.2. Glavna koda CPV

32000000 Radijski in televizijski aparati, komunikacijska, telekomunikacijska in z njimi povezana oprema

II.1.3. Vrsta naročila

Gradnje

II.1.4. Kratek 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. Ocenjena skupna vrednost

II.1.6. Informacije o sklopih

Naročilo je razdeljeno na sklope: ne

II.2. Opis

II.2.2. Dodatna(-e) koda(-e) CPV

45314000 Inštalacija telekomunikacijske opreme

II.2.3. Kraj izvedbe

Šifra NUTS: UKC North East (England)

II.2.4. Opis javnega naročila

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. Merila za izbiro ponudbe

II.2.6. Ocenjena vrednost

II.2.7. Trajanje naročila, okvirnega sporazuma ali dinamičnega nabavnega sistema

II.2.10. Informacije o variantah

II.2.11. Informacije o variantah

II.2.13. Informacije o sredstvih EU

Naročilo se nanaša na projekt in/ali program, ki se financira s sredstvi EU: ne

II.2.14. Dodatne informacije

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.

Oddelek IV: Postopek

IV.1. Opis

IV.1.1. Vrsta postopka

Konkurenčni postopek s pogajanjem

IV.1.3. Informacije o okvirnem sporazumu ali dinamičnem nabavnem sistemu

IV.1.6. Informacije o elektronski dražbi

Uporabljen bo elektronska dražba

IV.1.8. Informacije o Sporazumu o vladnih naročilih

Naročilo ureja Sporazum o vladnih naročilih: da

IV.2. Upravne informacije

IV.2.2. Rok za prejem prijav interesa

Datum: 28/02/2019 Lokalni čas: 12:00

IV.2.4. Jeziki, v katerih se predložijo ponudbe ali prijave za sodelovanje

Angleščina

IV.2.5. Predvideni datum začetka postopka oddaje naročila

Oddelek VI: Dopolnilne informacije

VI.3. Dodatne informacije

VI.4. Postopki za revizijo

VI.4.1. Organ, pristojen za revizijo

Uradno ime: Northern Powergrid Internal Audit

Kraj: Newcastle

Država: Združeno kraljestvo

VI.5. Datum pošiljanja tega obvestila

08/02/2019