

Förenade kungariket-Newcastle upon Tyne: Radio-, televisions-, kommunikations- och telekommunikationsutrustning samt tillhörande utrustning

OJ S 31/2019 13/02/2019

Förhandsmeddelande

Byggentreprenader

Rättslig grund:

direktiv 2014/24/EU

Avsnitt I: Upphandlande myndighet

I.1. Namn och adresser

Officiellt namn: Northern Powergrid (Yorkshire) Plc, Northern Powergrid (Northeast) Ltd

Ort: Newcastle upon Tyne

Nuts-kod: UKC North East (England)

Postnummer: NE11 6AF

Land: Förenade kungariket

Kontaktperson: Sally Hartley

E-post: sally.hartley@northernpowergrid.com

Telefon: +44 1977605669

Internetadress(er):Allmän adress: <http://www.northernpowergrid.com/>**I.3. Kommunikation**

Ytterligare upplysningar kan erhållas från ovannämnda adress

Anbud eller anbudsansökningar ska skickas till ovannämnda adress

I.4. Typ av upphandlande myndighet

Offentligrättsligt organ

I.5. Huvudsaklig verksamhet

Allmänna offentliga tjänster

Avsnitt II: Föremål

II.1. Upphandlingens omfattning**II.1.1. Benämning på upphandlingen**

Secondary SCADA Communications Replacement

Referensnummer: NPg19031

II.1.2. Huvudsaklig CPV-kod

32000000 Radio-, televisions-, kommunikations- och telekommunikationsutrustning samt tillhörande utrustning

II.1.3. Typ av kontrakt

Byggentreprenader

II.1.4. Kort beskrivning

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. Uppskattat totalt värde

II.1.6. Information om delar

Kontraktet är uppdelat i flera delar: nej

II.2. Beskrivning

II.2.2. Ytterligare CPV-kod(er)

45314000 Installation av telekommunikationsutrustning

II.2.3. Plats för utförande

Nuts-kod: UKC North East (England)

II.2.4. Beskrivning av upphandlingen

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. Tilldelningskriterier

II.2.6. Uppskattat värde

II.2.7. Kontraktets, ramavtalets eller det dynamiska inköpssystemets löptid

II.2.10. Information om alternativa anbud

II.2.11. Information om optioner

II.2.13. Information om EU-medel

Kontraktet är knutet till projekt och/eller program som finansieras med EU-medel: nej

II.2.14. Kompletterande upplysningar

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.

Avsnitt IV: Förfarande

IV.1. Beskrivning

IV.1.1. Typ av förfarande

Förhandlade förfaranden under konkurrens

IV.1.3. Information om ramavtal eller dynamiskt inköpssystem

IV.1.6. Information om elektronisk auktion

En elektronisk auktion kommer att användas

IV.1.8. Information om avtalet om offentlig upphandling

Upphandlingen omfattas av avtalet om offentlig upphandling: ja

IV.2. Administrativ information

IV.2.2. Sista datum för mottagande av intresseanmälningar

Datum: 28/02/2019 Lokal tid: 12:00

IV.2.4. Språk som får användas i anbud eller anbudsansökningar

Engelska

IV.2.5. Planerat startdatum för upphandlingsförfarandet

Avsnitt VI: Kompletterande upplysningar

VI.3. Kompletterande upplysningar

VI.4. Överprövningsförfaranden

VI.4.1. Behörigt organ vid överprövning

Officiellt namn: Northern Powergrid Internal Audit

Ort: Newcastle

Land: Förenade kungariket

VI.5. Datum då meddelandet sänts

08/02/2019