

Spojené kráľovstvo-Newcastle upon Tyne: Rozhlas, televízia, komunikácie, telekomunikácie a príbuzné zariadenia

OJ S 31/2019 13/02/2019

Predbežné oznámenie

Práce

Právny základ:

Smernica 2014/24/EÚ

Oddiel I: Verejný obstarávateľ

I.1. Názov a adresy

Úradný názov: Northern Powergrid (Yorkshire) Plc, Northern Powergrid (Northeast) Ltd

Mesto/obec: Newcastle upon Tyne

Kód NUTS: UKC North East (England)

PSČ: NE11 6AF

Štát: Spojené kráľovstvo

Kontaktná osoba: Sally Hartley

E-mail: sally.hartley@northernpowergrid.com

Telefón: +44 1977605669

Internetová adresa (internetové adresy):Hlavná adresa: <http://www.northernpowergrid.com/>**I.3. Komunikácia**

Ďalšie informácie možno získať na vyššie uvedenej adrese

Ponuky alebo žiadosti o účasť sa musia predložiť na vyššie uvedenej adrese

I.4. Druh verejného obstarávateľa

Organizácia riadená verejným právom

I.5. Hlavná činnosť

Všeobecné verejné služby

Oddiel II: Predmet

II.1. Rozsah obstarávania**II.1.1. Názov**

Secondary SCADA Communications Replacement

Referenčné číslo: NPg19031

II.1.2. Hlavný kód CPV

32000000 Rozhlas, televízia, komunikácie, telekomunikácie a príbuzné zariadenia

II.1.3. Druh zákazky

Práce

II.1.4. Stručný 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. Celková odhadovaná hodnota

II.1.6. Informácie o častiach

Táto zákazka sa delí na časti: nie

II.2. Opis

II.2.2. Dodatočné kódy CPV

45314000 Inštalovanie telekomunikačných zariadení

II.2.3. Miesto vykonania

Kód NUTS: UKC North East (England)

II.2.4. Opis obstarávania

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. Kritériá na vyhodnotenie ponúk

II.2.6. Odhadovaná hodnota

II.2.7. Dĺžka trvania zákazky, rámcovej dohody alebo dynamického nákupného systému

II.2.10. Informácie o variantoch

II.2.11. Informácie o opciách

II.2.13. Informácie o fondoch Európskej únie

Obstarávanie sa týka projektu a/alebo programu financovaného z fondov Európskej únie: nie

II.2.14. Doplnujúce informácie

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.

Oddiel IV: Postup

IV.1. Opis

IV.1.1. Druh postupu

Súťažné konanie s rokovaním

IV.1.3. Informácie o rámcovej dohode alebo dynamickom nákupnom systéme

IV.1.6. Informácie o elektronickej aukcii

Použije sa elektronická aukcia

IV.1.8. Informácie o dohode o vládnom obstarávaní (GPA)

Na toto obstarávanie sa vzťahuje dohoda o vládnom obstarávaní: áno

IV.2. Administratívne informácie

IV.2.2. Lehota na potvrdenie záujmu

Dátum: 28/02/2019 Miestny čas: 12:00

IV.2.4. Jazyk (jazyky), v ktorom (ktorých) možno predkladať ponuky alebo žiadosti o účasť

Angličtina

IV.2.5. Plánovaný dátum začatia postupu verejného obstarávania

Oddiel VI: Doplnkové informácie

VI.3. Doplňujúce informácie

VI.4. Postupy preskúmania

VI.4.1. Orgán zodpovedný za preskúmanie

Úradný názov: Northern Powergrid Internal Audit

Mesto/obec: Newcastle

Štát: Spojené kráľovstvo

VI.5. Dátum odoslania tohto oznámenia

08/02/2019