

Ríocht Aontaithe, an-Newcastle upon Tyne: Radio, television, communication, telecommunication and related equipment

OJ S 31/2019 13/02/2019

Fógra faisnéise roimh ré

Oibreacha

Bunús dlí:

Treoir 2014/24/AE

Alt I: Údarás conarthachta

I.1. Ainm agus seoltaí

Ainm oifigiúil: Northern Powergrid (Yorkshire) Plc, Northern Powergrid (Northeast) Ltd

Baile: Newcastle upon Tyne

Cód NUTS: UKC North East (England)

Cód poist: NE11 6AF

Tír: An Ríocht Aontaithe

Teagmhálaí: Sally Hartley

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Seoladh/seoltaí idirlín:Príomhsheoladh: <http://www.northernpowergrid.com/>**I.3. Cumarsáid**

Is féidir tuilleadh faisnéise a fháil ó an seoladh thuasluaite

Ní mór tairiscintí nó iarratais ar rannpháirtíocht a sheoladh chuig an seoladh thuasluaite

I.4. An cineál údaráis chonarthachta

Comhlacht faoi rialú an dlí phoiblí

I.5. Príomhghníomhaíocht

Seirbhísí poiblí ginearálta

Alt II: Cuspóir

II.1. Raon feidhme an tsoláthair**II.1.1. Teideal**

Secondary SCADA Communications Replacement

Uimhir thagartha: NPg19031

II.1.2. Príomhchód CPV

32000000 Radio, television, communication, telecommunication and related equipment

II.1.3. An cineál conartha

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II.1.4. Cur síos achomair

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. Luach iomlán measta

II.1.6. Faisnéis faoi bhearta

Tá an conradh seo roinnte ina bhearta: níl

II.2. Cur síos

II.2.2. Cód(Cóid) CPV breise

45314000 Installation of telecommunications equipment

II.2.3. Láthair feidhmíochta

Cód NUTS: UKC North East (England)

II.2.4. Cur síos ar an soláthar

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. Critéir dámhachtana

II.2.6. Luach measta

II.2.7. Tréimhse an chonartha, comhaontú creatlaí nó córas dinimiciúil ceannaigh

II.2.10. Faisnéis faoi mhalairtí

II.2.11. Faisnéis faoi roghanna

II.2.13. Faisnéis faoi Chistí an Aontais Eorpaigh

Baineann an soláthar le tionscadal agus/nó clár arna mhaoiniú ag cistí an Aontais Eorpaigh: níl

II.2.14. Faisnéis bhreise

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.

Alt IV: Nós imeachta

IV.1. Cur síos

IV.1.1. An cineál nós imeachta

Nós imeachta iomaíoch lena mbaineann idirbheartaíocht

IV.1.3. Faisnéis faoi chomhaontú creatlaí nó faoi chóras ceannaigh dinimiciúil

IV.1.6. Faisnéis faoi cheant leictreonach

Bainfear úsáid as ceant leictreonach

IV.1.8. Faisnéis faoi Chomhaontú Soláthair Rialtais (GPA)

Tá an soláthar cumhdaithe ag an gComhaontas Soláthair Rialtais: tá

IV.2. Faisnéis riaracháin

IV.2.2. Teorainn ama chun léirithe spéise a fháil

Dáta: 28/02/2019 Am áitiúil: 12:00

IV.2.4. Teangacha inar féidir tairiscintí nó iarratais ar rannpháirtíocht a chur isteach

Béarla

IV.2.5. Dáta socraithe le haghaidh na nósanna imeachta dámhachtana a thosú

Alt VI: Faisnéis chomhlántach

VI.3. Faisnéis bhreise

VI.4. Nósanna imeachta athbhreithniúcháin

VI.4.1. Comhlacht athbhreithniúcháin

Ainm oifigiúil: Northern Powergrid Internal Audit

Baile: Newcastle

Tír: An Ríocht Aontaithe

VI.5. Dáta seolta an fhógra seo

08/02/2019