

Reino Unido-Newcastle upon Tyne: Equipamento de rádio, televisão, comunicação, telecomunicações e afins
OJ S 31/2019 13/02/2019
Anúncio de pré-informação
Obras

Base jurídica:

Diretiva 2014/24/UE

Secção I: Autoridade adjudicante

I.1. Nome e endereços

Nome oficial: Northern Powergrid (Yorkshire) Plc, Northern Powergrid (Northeast) Ltd

Localidade: Newcastle upon Tyne

Código NUTS: UKC North East (England)

Código postal: NE11 6AF

País: Reino Unido

Pessoa de contacto: Sally Hartley

Correio eletrónico: sally.hartley@northernpowergrid.com

Telefone: +44 1977605669

Endereço(s) Internet:

Endereço principal: <http://www.northernpowergrid.com/>

I.3. Comunicação

Para obter mais informações, consultar o endereço indicado acima

As propostas ou pedidos de participação devem ser enviados para o endereço indicado acima

I.4. Tipo de autoridade adjudicante

Organismo de direito público

I.5. Atividade principal

Serviços públicos gerais

Secção II: Objeto

II.1. Quantidade ou âmbito do concurso

II.1.1. Título

Secondary SCADA Communications Replacement

Número de referência: NPg19031

II.1.2. Código CPV principal

32000000 Equipamento de rádio, televisão, comunicação, telecomunicações e afins

II.1.3. Tipo de contrato

Obras

II.1.4. Descrição resumida

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. Valor total estimado

II.1.6. Informação sobre os lotes

Contrato dividido em lotes: não

II.2. Descrição

II.2.2. Código(s) CPV adicional(is)

45314000 Instalação de equipamento de telecomunicações

II.2.3. Local de execução

Código NUTS: UKC North East (England)

II.2.4. Descrição do concurso

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. Critérios de adjudicação

II.2.6. Valor estimado

II.2.7. Duração do contrato, acordo-quadro ou sistema de aquisição dinâmico

II.2.10. Informação sobre as variantes

II.2.11. Informação sobre as opções

II.2.13. Informação sobre os fundos da União Europeia

O contrato está relacionado com um projeto e/ou programa financiado por fundos da União Europeia: não

II.2.14. Informação adicional

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.

Secção IV: Procedimento

IV.1. Descrição

IV.1.1. Tipo de procedimento

Procedimento concorrencial com negociação

IV.1.3. Informação acerca do acordo-quadro ou sistema de aquisição dinâmico

IV.1.6. Informação acerca do leilão eletrónico

Vai ser efetuado um leilão eletrónico

IV.1.8. Informação relativa ao Acordo sobre Contratos Públicos (ACP)

O contrato é abrangido pelo Acordo sobre Contratos Públicos: sim

IV.2. Informação administrativa

IV.2.2. Prazo para a receção das manifestações de interesse

Data: 28/02/2019 Hora local: 12:00

IV.2.4. Línguas em que as propostas ou os pedidos de participação podem ser apresentados

Inglês

IV.2.5. Data prevista para o início dos procedimentos de adjudicação

Secção VI: Informação complementar

VI.3. Informação adicional

VI.4. Procedimentos de recurso

VI.4.1. Organismo responsável pelos processos de recurso

Nome oficial: Northern Powergrid Internal Audit

Localidade: Newcastle

País: Reino Unido

VI.5. Data de envio do presente anúncio

08/02/2019