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Tender

GMCA 267a GM One Network

Greater Manchester Combined Authority
Oldham Metropolitan Borough Council
Rochdale Borough Council
Stockport Metropolitan Borough Council
Transport for Greater Manchester

F02: Contract notice

Notice identifier: 2021/S 000-009410

Procurement identifier (OCID): ocds-h6vhtk-02ac33

Published 30 April 2021, 1:07pm

Section I: Contracting authority

I.1) Name and addresses

Greater Manchester Combined Authority

GMCA Offices, 1st Floor, Churchgate House, 56 Oxford Street

Manchester

M1 6EU

Email

procurement@manchesterfire.gov.uk

Country

United Kingdom

NUTS code

UKD3 - Greater Manchester

Internet address(es)

Main address

<https://www.greatermanchester-ca.gov.uk>

I.1) Name and addresses

Oldham Metropolitan Borough Council

Level 8, Civic Centre, West Street

Oldham

OL1 1UH

Email

procurement@manchesterfire.gov.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

www.the-chest.org.uk

Buyer's address

www.the-chest.org.uk

I.1) Name and addresses

Rochdale Borough Council

Number One Riverside, Smith Street

Rochdale

OL16 1XU

Email

procurement@manchesterfire.gov.uk

Country

United Kingdom

NUTS code

UKD3 - Greater Manchester

Internet address(es)

Main address

www.the-chest.org.uk

Buyer's address

www.the-chest.org.uk

I.1) Name and addresses

Stockport Metropolitan Borough Council

Town Hall, Edward Street

Stockport

SK1 3XE

Email

procurement@manchesterfire.gov.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

www.the-chest.org.uk

Buyer's address

www.the-chest.org.uk

I.1) Name and addresses

Transport for Greater Manchester

TfGM, 2, Piccadilly Place

Manchester

M1 3BG

Email

procurement@manchesterfire.gov.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<http://www.tfgm.com>

Buyer's address

<http://www.tfgm.com>

I.2) Information about joint procurement

The contract involves joint procurement

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://procontract.duenorth.com/Advert/Index?advertId=5f982b88-8c76-eb11-810a-005056b64545>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://procontract.duenorth.com/Advert/Index?advertId=5f982b88-8c76-eb11-810a-005056b64545>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

GMCA 267a GM One Network

Reference number

DN528650

II.1.2) Main CPV code

- 72000000 - IT services: consulting, software development, Internet and support

II.1.3) Type of contract

Services

II.1.4) Short description

Greater Manchester Combined Authority (GMCA) is the devolved administration for the 10 Local Authorities, Health Care Partnerships and GM Fire and Rescue. GMCA is currently completing the rollout of 2,700km across Greater Manchester, to enable the delivery of a Public Sector Regional Network, known as GM One Network. The purpose of the GM One Network Platform is to deliver a shared network capability that underpins and enables the delivery of the GM Digital Vision for Greater Manchester, as outlined in the Greater Manchester Digital Blueprint. As a next step, GMCA wish to contract for the technology products and services to design, build, integrate and support the GM One Network Platform. Greater Manchester Combined Authority and the regional Greater Manchester Local Authorities (“Contracting Authority(s)”) wish to now procure Agreements for Services and Works as described in the ITPD and the Specification (the “Services”) in accordance with the Public Contracts Regulations 2015 (SI 2015/102).

The Services are being procured for and on behalf of the Contracting Authority, for any public-sector entity which exist or are established or otherwise exercise some or all their functions within Greater Manchester. The GMCA intends to award one or more agreements, against which simultaneous “Confirmed Contracts” will be awarded by the Contracting Authority(s). The agreement will be made available to the organisations listed in the additional information section and any wholly or partially owned legal entity of these authorities.

The contract is divided into Lots. The LOTS shall include:

- LOT 1: Service and Systems Integration
- LOT 2: Connectivity Service
- LOT 3: Software Defined Network
- LOT 4: Secure Remote Access
- LOT 5: Direct Cloud Access

For avoidance of doubt a single LOT will not be awarded to more than one agreement. The Contracting Authority(s) and GMCA have chosen to utilise Regulation 29 of the Public Contracts Regulations 2015 (SI 2015/102) (“the 2015 Regulations”) namely Competitive Procedure with Negotiation and have appointed GMCA as its agent (“Contract Manager”) to oversee and manage the appointment of the preferred supplier(s) to deliver the Contract(s). This Pre-Qualification Selection Questionnaire (PQQ) is available to organisations who may be interested in providing the Services and Works (who are referred to from this point forward as the “Tenderers”). This Stage 1 PQQ (Schedule 1) is the minimum qualification criteria that must be achieved in order that Tenderers submissions are considered further in terms of Stage 2 – the Technical and Commercial evaluation and being invited to submit an Initial Tender.

Up to ten of the highest scoring Tenderers will be taken forward following qualification selection and will be invited to submit an Initial Tender and Outline Solution response. This will be Stage 2 of the tender process.

II.1.5) Estimated total value

Value excluding VAT: £300,000,000

II.1.6) Information about lots

This contract is divided into lots: Yes

Tenders may be submitted for all lots

Maximum number of lots that may be awarded to one tenderer: 5

II.2) Description

II.2.1) Title

Service and Systems Integration

Lot No

1

II.2.2) Additional CPV code(s)

- 32412110 - Internet network
- 32424000 - Network infrastructure
- 32430000 - Wide area network
- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Purpose

The Integrator Service is critical to the vision and success of the GM One Network as a Service. It provides a single interface for the management, configuration and monitoring for all components of the GM One Network.

Key Principles

The Integrator Service is expected to:

- Provide a portal for use by Partner Authorities;
- Provide a single pain of glass for all aspects of the management, configuration and monitoring of the GM One Network;
- Provide in depth insight and analytics capabilities;
- Provide a simple and intuitive user interface for use by Partner Authorities;
- Provide a programable (machine) interface;
- Provide central network services (eg IPAM, DHCP, DNS etc), that can be consumed by the partner Authorities if required;

- Provide lifecycle management;
- Provide innovation throughout the life of the contract;
- Use Artificial Intelligence and Machine Learning;

II.2.5) Award criteria

Quality criterion - Name: Price is not the only award criterion and all criteria are stated only in the procurement documents / Weighting: n/a

Price - Weighting: n/a

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

120

This contract is subject to renewal

Yes

Description of renewals

Contract Term is 5+3+2

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Connectivity Service

Lot No

2

II.2.2) Additional CPV code(s)

- 32412110 - Internet network
- 32424000 - Network infrastructure
- 32430000 - Wide area network
- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Purpose

The Connectivity Service provides the foundation for the GM One Network over which all other services will be provided. It is primarily based upon the Local Full Fibre Network (LFFN) that connects all 34 core Fibre Services Nodes (FSNs) as well as the 1,600+ GM sites. Additionally, a Service Provider's core (MPLS/Internet) network could also be considered as part of the GM One Connectivity Service (when connected via the WAN Access service).

At the high level, the Connectivity service encompasses:

- Connectivity Core – IP network connecting the 34 LFFN FSN Points of Presence
- Connectivity Access – Provides the access aggregation point for LFFN connectivity from remote GM sites into the Connectivity Core
- Connectivity Edge – CPE at GM sites facilitating the connection to the Connectivity Access service
- Connectivity Connect – Network layer at GM sites that provides the wired or wireless connectivity from end users/devices to the GM One Connectivity Edge
- Connectivity Cloud Edge – provides the connectivity to Cloud Access (including Internet access), Remote Access and WAN Access for the IP Network

- Internet Access – provides secure connectivity to the Internet

Key Principles

The Connectivity Service is expected to:

- Be of carrier-grade providing a secure, high-capacity, low latency, low jitter, highly resilient network platform;
- Support both IPv4 and IPv6 simultaneously and provide connectivity to all services regardless of the IP version in use;
- Support segmentation at the IP layer ensuring separation of Authority traffic;
- Provide any-to-any connectivity between sites and always forward traffic over the “best” path;
- Provide a secure gateway between Authority's GM One Networks;
- Meet the (current and future) requirements for handling the transmission of information at the appropriate Security Classification as required by GMCA;
- Support overlapping IP addressing between different Authorities;
- Support end-to-end granular scheduling of traffic across the network;
- Support access speeds from 1G up to 100G with upgrades/downgrades with minimal cost and disruption to service;
- Support non-resilient and resilient GM Partner Authority site connectivity;
- Support active/active load balancing at resilient sites;
- Support zero touch deployment for Core, Access and Edge devices;
- Provide secure access to high-capacity, highly resilient Internet access;
- Integrate with existing LAN infrastructure at GM Partner Authority sites;

II.2.5) Award criteria

Quality criterion - Name: Price is not the only award criterion and all criteria are stated only in the procurement documents / Weighting: n/a

Price - Weighting: n/a

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

120

This contract is subject to renewal

Yes

Description of renewals

Contract Term is 5+3+2

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Software Defined Network

Lot No

3

II.2.2) Additional CPV code(s)

- 32412110 - Internet network
- 32424000 - Network infrastructure
- 32430000 - Wide area network

- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Purpose

The Software Defined Network Service provides programmable, scalable, agile, secure access for GM users to all internal and external services. It adheres to Zero Trust Architecture principles facilitating seamless access across GM One Network regardless of location. The SDN provides the capability for a layered approach to segmenting the GM One Network at the appropriate level for individual Authorities and/or network services.

The GM One SDN Service is an optional service for GM Partner Authorities.

Key Principles

The GM One Software Defined Network Service is expected to:

- Seamlessly integrate with the GM One Connectivity Services;
- Adhere to (NCSC) Zero Trust Architecture principles;
- Provide secure access to internal and external service for GM users and citizens;
- Be able to authenticate, authorise and enforce policy across all sites such that a user can securely access their Partner Authority's resources from anywhere on the GM One Software Defined Network;
- Be able to create enforcement policy based on users or groups of users;
- Ensure that each Partner Authority administrator can only create enforcement policies for its users, systems and resources. It must not be possible for a Partner Authorities administrator to create enforcement policies allowing unauthorised access to another Partner Authorities resources;
- Integrate with GM Partner Authorities Identity Management Services;
- Provide end-to-end granular scheduling of traffic across the network;

- Support overlapping IP addressing between different Authorities;
- Provide both wireless (Wi-Fi 6) and wired access (for both new and existing devices) – with a wireless first principle;

II.2.5) Award criteria

Quality criterion - Name: Price is not the only award criterion and all criteria are stated only in the procurement documents / Weighting: n/a

Price - Weighting: n/a

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

120

This contract is subject to renewal

Yes

Description of renewals

Contract Term is 5+3+2

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Secure Remote Access

Lot No

4

II.2.2) Additional CPV code(s)

- 32412110 - Internet network
- 32424000 - Network infrastructure
- 32430000 - Wide area network
- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Purpose

Provides a mechanism for secure connectivity for remote users to GM One Network applications and services.

Key Principles

The GM One Remote Access service is expected to:

- Provide secure, high-capacity, highly resilient remote access platform;
- Adhere to (NCSC) Zero Trust Architecture principles;
- Authenticate, authorise and enforce policy across all remote users such that a remote user can securely access their Partner Authority's resources;
- Create enforcement policy based on users or groups of users;
- Ensure that each Partner Authority administrator can only create enforcement policies for its remote users, systems and resources It must not be possible for a Partner Authorities administrator to create enforcement policies allowing unauthorised access to another Partner Authorities resources;
- Integrate with GMCA's Identity Management Services;

- Provide secure access for GM users from anywhere on the Internet;

II.2.5) Award criteria

Quality criterion - Name: Price is not the only award criterion and all criteria are stated only in the procurement documents / Weighting: n/a

Price - Weighting: n/a

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

120

This contract is subject to renewal

Yes

Description of renewals

Contract Term is 5+3+2

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Direct Cloud Access

Lot No

5

II.2.2) Additional CPV code(s)

- 32412110 - Internet network
- 32424000 - Network infrastructure
- 32430000 - Wide area network
- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Purpose

Provides optimised, secure connectivity from the GM One Network to Cloud services and Service Providers

Key Principles

The GM One Cloud Access service is expected to:

- Provide secure, high-capacity, highly resilient Internet and Cloud Service Provider platform;
- Provide RBAC for specific Cloud and Internet access on a per Partner Authority basis;
- Provide secure access to Cloud services via the Internet;
- Provide secure access to Cloud services via private network connectivity;
- Provide guarantees of bandwidth for Cloud and Internet access on a per Partner Authority basis;
- Provide the ability for Partner Authority Administrators to configure bandwidth allocation for Cloud and Internet services;
- Provide the ability for Partner Authority Administrators to configure Security Policy Cloud and Internet access;

II.2.5) Award criteria

Quality criterion - Name: Price is not the only award criterion and all criteria are stated only in the procurement documents / Weighting: n/a

Price - Weighting: n/a

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

120

This contract is subject to renewal

Yes

Description of renewals

Contract Term is 5+3+2

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

Selection criteria as stated in the procurement documents

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Competitive dialogue

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: No

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

28 May 2021

Local time

12:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.3) Additional information

The agreement will be made available to the organisations listed in the additional information section and any wholly or partially owned legal entity of these authorities.

- Greater Manchester Combined Authority
- Greater Manchester Health and Social Care Partnership
- Greater Manchester Police
- Transport for Greater Manchester
- Bolton Metropolitan Borough Council
- Bury Metropolitan Borough Council
- Manchester City Council
- Oldham Metropolitan Borough Council
- Rochdale Metropolitan Borough Council
- Salford City Council
- Stockport Metropolitan Borough Council
- Tameside Metropolitan Borough Council
- Trafford Metropolitan Borough Council
- Wigan Metropolitan Borough Council
- Bolton Clinical Commissioning Group
- Bury Clinical Commissioning Group

- Heywood, Middleton, and Rochdale Clinical Commissioning Group
- Manchester Health & Care Commissioning
- Oldham Clinical Commissioning Group
- Salford Clinical Commissioning Group
- Stockport Clinical Commissioning Group
- Tameside and Glossop Clinical Commissioning Group
- Trafford Clinical Commissioning Group
- Wigan Clinical Commissioning Group
- Bolton Hospital NHS Foundation Trust
- Bridgewater Community Healthcare NHS Trust
- Manchester University NHS Foundation Trust
- Greater Manchester Mental Health NHS Foundation Trust
- North West Ambulance Service NHS Foundation Trust
- Pennine Acute Hospitals NHS Trust
- Pennine Care NHS Foundation Trust
- Salford Royal NHS Foundation Trust
- Stockport NHS Foundation Trust
- Tameside Hospital NHS Foundation Trust
- The Christie NHS Foundation Trust
- Wrightington, Wigan and Leigh NHS Foundation Trust
- North West Boroughs Healthcare NHS Foundation Trust

Please also refer to the following links:-

Schools <https://get-information-schools.service.gov.uk/>

FE Colleges

<https://www.aoc.co.uk/about-colleges/research-and-stats/key-further-education-statistics>

Universities <https://www.gov.uk/check-a-university-is-officially-recognised>

Police <https://www.police.uk/forces/>

Fire and Rescue Services <https://www.nationalfirechiefs.org.uk/Fire-and-Rescue-Services>

NHS Bodies <https://www.nhs.uk/servicedirectories/pages/nhstrustlisting.aspx>

VI.4) Procedures for review

VI.4.1) Review body

Greater Manchester Combined Authority

GMCA Offices, 1st Floor, Churchgate House, 56 Oxford Street

Manchester

M1 6EU

Email

procurement@manchesterfire.gov.uk

Country

United Kingdom