

Federal Communications Commission



Office of Managing Director Information Technology Center

445 12th Street, SW
Washington, DC 20554

Wide Area Network **Frame Relay Service** to **Private Line Service & Network Based IP-VPNs**

Network Request for Quote
RFQ1100022

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1 PROJECT OVERVIEW

1.1 Title

The Federal Communications Commission (FCC) is soliciting quotes to transition the Wide Area Network (WAN) telecommunications services from Frame Relay Service (FRS) to Private Line Service (PLS) and Network-Based IP Virtual Private Network Service (NBIP-VPNs).

1.2 Background

Services contracted from GSA by the Federal Communications Commission (FCC) via the FTS2001, FTS2001 Crossover, and federal wireless contracts are expiring. The FCC needs to transition existing WAN services to the Networkx Contract. The Networkx contract provides comprehensive, best-value telecommunications and networking services and technical solutions for all federal Agencies. The FCC performed a complete inventory of existing services, identified future operational needs, and then mapped FTS2001 services to the Networkx contract. Vendors, GSA, and other sources were used to accurately define the requirements for this RFQ.

The goal of this purchase is to procure the lowest cost solution to transition all WAN services to a Networkx Enterprise provider that meets all agency requirements and poses the most cost effective means to transition services with no significant impact on existing services and operations. Service requirements and ordering will be directly linked to the Networkx Contract Line Items Numbers (CLINs) as specified in this Request for Quotation (RFQ). In addition to the data circuits, the agency will consider the option of purchasing Service Enabling Devices (SEDs) as per the requirements detailed in Section 3.1. The FCC may opt to invoke Section H.23 of the Networkx contract to acquire ownership of contractor-provided, installed SEDs at any time during the contract period.

1.3 Acquisition Selected

This opportunity will be issued against GSA's Networkx Enterprise acquisition program.

1.4 Fair Opportunity Exception

No Fair Opportunity exception considered for this effort.

2 SPECIFIC TASKS AND/OR SERVICES

FCC is redesigning its Wide Area Network Infrastructure for all FCC sites in the Contiguous United States (CONUS) and transitioning to GSA's Network contract vehicle. FCC's locations outside the Contiguous United States (OCONUS) in Alaska, Hawaii, and Puerto Rico are not included in this effort. A complete list of all FCC locations can be found in *Appendix B*. A conceptual diagram of the target infrastructure design can be found in *Appendix C*.

The procurement establishes a Task Order to acquire, deploy, manage, and provide service for new telecommunications services that make up the FCC's WAN as described herein which will provide the FCC with reliable connectivity between all sites during transition. Service orders will be placed under the established Task Order.

Except as otherwise provided in this RFQ, the Contractor will provide Private Line Service (PLS) and Network Based IP-VPN Service (NBIP-VPN) in accordance with the specifications in the Network contract.

The Management and Operations (MOPS) requirements in Section C.3 of the Network Enterprise contract shall apply.

The FCC will not acquire Managed Network Service (MNS) with this procurement.

2.1 Network Based IP-VPN Service (NBIPVPN)

The FCC requires secure, reliable transport of Agency applications across a Wide Area Network (WAN) backbone infrastructure for its geographically dispersed Agency locations. Class of Service, Service Levels, circuit bandwidth, backhauls and wiring will vary from site to site according to Agency requirements. Service Requirements (*Section 3*) lists the CLINs associated with each location.

Service enabling Devices (SEDs) will be considered as an optional purchase. Detailed requirements are listed in Agency Specified Services (*Section 4*). Vendors must specify equipment that meets those requirements and provide pricing where available.

2.2 Private Line Service (PLS)

The FCC requires dedicated connectivity on a non-switched basis between two designated domestic Service Delivery Points (SDPs) – the Washington DC and Gettysburg PA facilities. Service Requirements (*Section 3*) lists the CLINs associated with each location and the related requirements.

3 SERVICE REQUIREMENTS

The following tables detail all of the CLINs required to meet the Agency’s needs. Location codes are included for convenience but if any discrepancies are noted between the location codes and the street address (*see Appendix B*), the street address will be used.

3.1 Network Based IP-VPN Service

Except as otherwise provided in this RFQ, the Contractor shall provide Network Based IP-VPN Service in accordance with Section C.2.7.3 of the Network Enterprise contract.

3.1.1 Network Based IP-VPN Service Requirements

- Capabilities
 - Port Speed:
 - T1 Unchannelized (DS1 payload: 1.536 Mbps)
 - T3 Unchannelized (DS3 payload: 43.008 Mbps)
 - Fractional T3: 3xDS1, 4xDS1, 5xDS1 payloads
 - SONET Concatenated OC-3c (payload: 148.608 Mbps)
 - Feature: Class of Service (COS) – premium for real-time traffic of 64 kbps
 - Service Level: Routine
- Wireline Access Arrangement (WLNAA)
- Circuit speeds of T1, T3, Fractional-T3, and SONET Concatenated OC-3c
- Feature: Access Route or Path Diversity
- Premises wiring – required at some sites to connect to SDP
- Service Enabling Devices (SED)

3.1.2 Network-Based IP VPN CLINs

CLIN	CLIN Description	Freq.	Service Level	Unit	Qty.
213161	OC-3C	MRC	Routine	Port	4
219001	Class of Service - Premium	MRC	Routine	64 kbps	3271
760119	OC-3c DAA NRC	NRC			4
760319	OC-3c DAA MRC	MRC			4
769002	Access Route OR Path Diversity MRC	MRC			2
769003	Access Route OR Path Diversity NRC	NRC			2
890955	Premises wiring				4
213148	FT3 (4xT1)	MRC	Routine	Port	8
760314	FT3 - DS1 x 4	MRC	Routine	Circuit	8
760114	FT3 - DS1 x 4	NRC	Routine	Circuit	8

213147	FT3 (3xT1)	MRC	Routine	PORT	6
760313	FT3 - DS1 x 3	MRC	Routine	Circuit	6
760113	FT3 - DS1 x 3	NRC	Routine	Circuit	6
213149	FT3 (5xT1)	MRC	Routine	Port	4
760315	FT3 - DS1 x 5	MRC	Routine	Circuit	4
760115	FT3 - DS1 x 5	NRC	Routine	Circuit	4
213145	T1	MRC	Routine	Port	3
760311	T1 (1.536 Mb/s)	MRC	Routine	Circuit	3
760111	T1 (1.536 Mb/s)	NRC	Routine	Circuit	3
213155	T3	MRC	Routine	Port	2
760317	T3 (43.008 Mb/s)	MRC	Routine	Circuit	3
760117	T3 (43.008 Mb/s)	NRC	Routine	Circuit	3
213152	FT3 (8xT1)	MRC	Routine	Port	1

3.2 Private Line Service (PLS)

Except as otherwise provided in this RFQ, the Contractor shall provide Private Line Service for the connection between Washington DC and Gettysburg, PA facilities in accordance with Section C.2.5.1 of the Network Enterprise contract.

3.2.1 PLS Requirements

- Speed: SONET Concatenated OC-3c
- Feature: Special Routing and Transport Diversity
- Wireline Access Arrangements (WLNAA)
 - Circuit speed of SONET Concatenated OC-3c
 - Feature: access route or path diversity
- Premises Wiring – required for connection to SDP

3.2.2 PLS CLINs:

CLIN	Description	Freq.	Unit	Qty.
130523	Concatenated OC3c Full Channel	MRC	Port	2
139106	Special Routing – Transport Diversity (Domestic circuit of T3 Bandwidth or higher)	MRC	Circuit	1
890955	Premises Wiring			1
760119	OC-3c DAA	NRC		4
760119	OC-3c DAA	MRC		4
7609003	Access Route or Path Diversity	NRC		2
7609002	Access Route or Path Diversity	MRC		2

4 AGENCY SPECIFIED SERVICES

4.1 Service Enabling Devices (SEDs)

The agency may exercise the option to purchase SEDs that meet the following requirements. The CLINs for those SEDs need to be identified/proposed by the vendor. The government intends to utilize Government Furnished Equipment (GFE) if this option is not exercised.

FCC intends to pay the DNRC and acquire ownership of the SEDs subsequent to their deployment pursuant to Section H.23 of the Network contract. The contractor shall provide the same level of maintenance at the Maintenance Monthly Recurring Charge (MMRC) established for the former SED when it was contractor-owned. FCC will manage the newly owned Agency equipment and intends to implement the encryption infrastructure in-house on this equipment. The SED WAN interface(s) must match the User-to-Network Interface (UNI) for the circuits (e.g., T1, T3, OC-3c). Separate access SEDs are not required.

The provided SEDs shall comply with the following standards as applicable:

- IETF RFC 791, IPv4
- IETF RFC 2460, IPv6
- IETF RFC793, TCP
- IETF RFC768, UDP
- IETF RFC 2474, (DSCP) Differentiated Services Code Point
- IETF RFC4301, (IPSEC) Security Architecture for the Internet Protocol
- IETF RFC4302, (AH) Authentication Header
- IETF RFC4303, (ESP) Encapsulation Security Payload
- IETF RFC2409, (IKE) Internet Key Exchange
- IETF RFC 3547, (GDOI) Group Domain of Interpretation
- IETF RFC 4601, (PIMv2) Protocol Independent Multicast
- IETF RFC 2236, (IGMPv2) Internet Group Management Protocol
- IETF RFC1155, Management Information Base Structure and Identification
- IETF RFC1213, Management Information Base for TCP/IP Networks
- IETF RFC1157, Simple Network Management Protocol
- IEEE 802.1p/q
- IEEE 802.3
- FIPS PUB 140-2

Technical Requirements:

- The provided equipment shall integrate with existing AAA architecture which utilizes TACACS+ for Authentication, Authorization and Accounting services
- The provided equipment shall integrate seamlessly with the FCC’s existing routing architecture, namely EIGRP with Graceful Restart capabilities
- The provided equipment shall operate with a dynamic routing protocol over the NBIP-VPN
- The provided equipment shall support classification of traffic based on protocol type, payload, IP address, and values within 6-bit DSCP field
- The provided equipment shall support marking of traffic IAW RFC2474 (DSCP) based on matching criteria supplied by the classification mechanism described above
- The provided equipment shall include an advanced scheduling algorithm to provide preference to low-latency traffic
- The provided equipment shall support collection and export of IP traffic statistics to management stations for analysis
- The provided equipment shall have on-board IPsec Acceleration
- The provided equipment shall support VLSM (Variable Length Subnet Masks)
- The provided equipment shall support SA (Security Association) anti-replay
- The provided equipment shall support Public Key Infrastructure (PKI) implementation as server or client
- The provided equipment shall have embedded SSH server/client capabilities
- The provided equipment shall support fast dial access connectivity at 56 kbps speed

Encryption requirements:

- GDOI (Group Domain of Interpretation)
- FIPS 140-2 validated implementation
- On-board Cryptographic Accelerator hardware
- IPsec with IP header preservation
- Certificate Authority (CA)
- ESP and AH
- Group Security Associations (Group SAs)
- Key Exchange (PKI)
- IPsec Policy handling
- IPsec MIBs

Router Interfaces / features:

- Minimum 2 Gigabit Ethernet Interfaces
- WAN interface (capable of supporting the type of circuit for the site)
- One Auxiliary Port for connection to external modem
- Compact flash card slot
- Compact flash memory card – minimum 256 MB

Additional equipment:

Each field location requires a Dialup modem supporting 56kbps connectivity.

5 PERFORMANCE MEASURES

The existing Network standard Key Performance Indicators (KPIs) and Service Level Agreements (SLAs) will be used.

6 GOVERNMENT FURNISHED EQUIPMENT AND INFORMATION

Government furnished Service Enabling Devices will be utilized if the option to acquire SEDs through this contract is not exercised.

7 TRANSITION REQUIREMENTS

The Contractor shall provide a single point of contact throughout the transition period. This single point of contact shall not be changed during the transition period.

The Contractor shall define the order of network services to be transitioned. The Contractor shall provide a time-line and milestones for transition activities and cutover of all services including wiring extensions between FCC Headquarters in Washington, DC; FCC Gettysburg, PA and the field office sites that is consistent with the high-level schedule requirements in *Appendix A*.

The Contractor shall define any test pilots if needed for the successful transition of current network services.

The Contractor shall describe the support roles and responsibilities of the FCC and other current FCC network service providers for support needed for the transition.

7.1 Transition Plan

The Contractor shall provide a Transition Plan describing Contractor's approach for transition, schedule, milestones and cutover steps. The Contractor shall work with the FCC after task award to revise the plan.

8 PLACE OF PERFORMANCE

The services specified shall be provided at the site locations listed in *Appendix B*. Pricing for premises wiring at the locations specified in the Service Requirements (*Section 3*) must include any site visits required.

For the DC Metro area and Gettysburg, PA facilities, any required materials or equipment shall be shipped to the FCC Warehouse facility at the address below:

FCC Warehouse
 Attn: Telecommunications Group (TCG)
 9300 East Hampton Drive
 Capitol Heights, MD 20743

For FCC Regional and Field Office locations, any required materials or equipment shall be shipped directly to the remote sites.

9 PERIOD OF PERFORMANCE

The period of performance will be consistent with the Network Enterprise service contract and consists of:

- Base period: Date of award – September 30, 2011
- Option Year 1: October 1, 2011 – September 30, 2012
- Option Year 2: October 1, 2012 – September 30, 2013
- Option Year 3: October 1, 2013 – September 30, 2014
- Option Year 4: October 1, 2014 – September 30, 2015
- Option Year 5: October 1, 2015 – September 30, 2016
- Option Year 6: October 1, 2016 – May 30, 2017 (end of the Network Enterprise contract)

10 BID MODEL/PRICING TABLE

10.1 NBIP-VPNs

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
DC	213161	OC-3C	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	2			
	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	1336			
	760119	OC-3c DAA NRC	Domestic: US MAINLAND (CONUS)	NRC			2			
	760319	OC-3c DAA MRC	WASIDC33	MRC			2			
	769002	Access Route OR Path Diversity MRC	WASIDC33	MRC			1			
	769003	Access Route OR Path Diversity NRC	WASIDC33	NRC			1			
	890955	Premises wiring	WASIDC33							
Gettysburg	213161	OC-3C	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	2			
	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	1336			
	760119	OC-3c DAA NRC	Domestic: US MAINLAND (CONUS)	NRC			2			
	760319	OC-3c DAA MRC	GTBGPA01	MRC			2			
	769002	Access Route OR Path Diversity MRC	GTBGPA01	MRC			1			
	769003	Access Route OR Path Diversity NRC	GTBGPA01	NRC			1			

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
Tampa	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	25			
	213148	FT3 (4xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760314	FT3 - DS1 x 4	TAMPFLTU	MRC	Routine	CIRCUIT	1			
	760114	FT3 - DS1 x 4	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Seattle	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	20			
	213147	FT3 (3xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760313	FT3 - DS1 x 3	KRLDWAGR	MRC	Routine	CIRCUIT	1			
	760113	FT3 - DS1 x 3	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
San Fran	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	25			
	213148	FT3 (4xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760314	FT3 - DS1 x 4	PLTNCAEN	MRC	Routine	CIRCUIT	1			
	760114	FT3 - DS1 x 4	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
San Diego	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	25			
	213148	FT3 (4xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760314	FT3 - DS1 x 4	SNDGCA01	MRC	Routine	CIRCUIT	1			
	760114	FT3 - DS1 x 4	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Power Springs	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	28			
	213149	FT3 (5xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760315	FT3 - DS1 x 5	PWSPGAAS	MRC	Routine	CIRCUIT	1			
	760115	FT3 - DS1 x 5	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Portland	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	18			
	213145	T1	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760311	T1 (1.536 Mb/s)	VANCWAFO	MRC	Routine	CIRCUIT	1			
	760111	T1 (1.536 Mb/s)	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
Philadelphia	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	25			
	213148	FT3 (4xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760314	FT3 - DS1 x 4	LANGPALA	MRC	Routine	CIRCUIT	1			
	760114	FT3 - DS1 x 4	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Norfolk	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	18			
	213145	T1	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760311	T1 (1.536 Mb/s)	CHSKVAMO	MRC	Routine	CIRCUIT	1			
	760111	T1 (1.536 Mb/s)	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
New York	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	25			
	213148	FT3 (4xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760314	FT3 - DS1 x 4	NYCMNYOD	MRC	Routine	CIRCUIT	1			
	760114	FT3 - DS1 x 4	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
New Orleans	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	20			
	213147	FT3 (3xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760313	FT3 - DS1 x 3	NWORLAMA	MRC	Routine	CIRCUIT	1			
	760113	FT3 - DS1 x 3	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Miami	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	20			
	213147	FT3 (3xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760313	FT3 - DS1 x 3	MIAMFLPL	MRC	Routine	CIRCUIT	1			
	760113	FT3 - DS1 x 3	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Laurel	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	60			
	213155	T3	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760317	T3 (43.008 Mb/s)	CLMAMDWC	MRC	Routine	CIRCUIT	1			
	760117	T3 (43.008 Mb/s)	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
	890955	Premises wiring								

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
Los Angeles	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	25			
	213148	FT3 (4xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760314	FT3 - DS1 x 4	CRTSCALA	MRC	Routine	CIRCUIT	1			
	760114	FT3 - DS1 x 4	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Kansas City	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	25			
	213148	FT3 (4xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760314	FT3 - DS1 x 4	KSCYMO41	MRC	Routine	CIRCUIT	1			
	760114	FT3 - DS1 x 4	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Houston	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	20			
	213147	FT3 (3xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760313	FT3 - DS1 x 3	HHTNTX20	MRC	Routine	CIRCUIT	1			
	760113	FT3 - DS1 x 3	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
Warehouse	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	38			
	213155	T3	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760317	T3 (43.008 Mb/s)	STLDMSL	MRC	Routine	CIRCUIT	1			
	760117	T3 (43.008 Mb/s)	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
	890955	Premises wiring								
Detroit	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	25			
	213148	FT3 (4xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760314	FT3 - DS1 x 4	FMHLMIIQ	MRC	Routine	CIRCUIT	1			
	760114	FT3 - DS1 x 4	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Denver	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	28			
	213149	FT3 (5xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760315	FT3 - DS1 x 5	LKWDCOCS	MRC	Routine	CIRCUIT	1			
	760115	FT3 - DS1 x 5	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
Dallas	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	23			
	213147	FT3 (3xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760313	FT3 - DS1 x 3	DLLSTXRN	MRC	Routine	CIRCUIT	1			
	760113	FT3 - DS1 x 3	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Columbia	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	35			
	213152	FT3 (8xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760317	T3 (43.008 Mb/s)	CLMAMDWC	MRC	Routine	CIRCUIT	1			
	760117	T3 (43.008 Mb/s)	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
	890955	Premises wiring								
Chicago	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	28			
	213149	FT3 (5xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760315	FT3 - DS1 x 5	DSPLILXL	MRC	Routine	CIRCUIT	1			
	760115	FT3 - DS1 x 5	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
Buffalo	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	18			
	213145	T1	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760311	T1 (1.536 Mb/s)	WSVLNYNC	MRC	Routine	CIRCUIT	1			
	760111	T1 (1.536 Mb/s)	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Boston	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	20			
	213147	FT3 (3xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760313	FT3 - DS1 x 3	QNCYMANO	MRC	Routine	CIRCUIT	1			
	760113	FT3 - DS1 x 3	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			
Atlanta	219001	Class of Service - Premium	Domestic: US MAINLAND (CONUS)	MRC	Routine	64 kbps	28			
	213149	FT3 (5xT1)	Domestic: US MAINLAND (CONUS)	MRC	Routine	PORT	1			
	760315	FT3 - DS1 x 5	DLTHGA69	MRC	Routine	CIRCUIT	1			
	760115	FT3 - DS1 x 5	Domestic: US MAINLAND (CONUS)	NRC	Routine	CIRCUIT	1			

10.2 PLS

FCC Site	CLIN	CLIN Description	Originating SWC/NSC	Terminating SWC/NSC	Freq.	Service Level	Unit	Qty.	Total NRC	Total MRC	Total Cost
DC	130523	Concatenated OC-3c – Full Channel	WASISC33	GTBGPA01	MRC	Routine	Port	2			
	139106	Special Routing – Transport Diversity (Domestic circuit of T3 bandwidth or higher)	Domestic: US MAINLAND (CONUS)		MRC	Routine	Circuit	1			
	760319	OC-3C DAA	WASISC33		MRC			2			
	760119	OC-3C DAA	WASISC33		NRC			2			
	769002	Access Route or Path Diversity	WASISC33		MRC			1			
	769003	Access Route or Path Diversity	WASISC33		NRC			1			
	890955	Premises Wiring	WASIDC33					1			
Gettysburg	760319	OC-3C DAA	WASISC33		MRC			2			
	760119	OC-3C DAA	WASISC33		NRC			2			
	769002	Access Route or Path Diversity	WASISC33		MRC			1			
	769003	Access Route or Path Diversity	WASISC33		NRC			1			

11 INSTRUCTIONS TO OFFERORS

The Federal Communications Commission (FCC) is issuing this competitive RFQ to solicit GSA Network Enterprise schedule contract holders for the purpose of entering into a Task Order under the schedule contract. The FCC will conduct this acquisition using Subpart 8.4 under the Federal Acquisition Regulation. If you are interested in this acquisition, you may participate by submitting your response in accordance with the following instructions. All quote submissions shall be submitted to mashonda.smith@fcc.gov. This solicitation will also be posted on the FCC website at: www.fcc.gov/omd/contracts/preaward.

Note: It is the responsibility of each interested vendor to monitor the FCC contracts website for any updates and amendments to this solicitation.

Offerors may submit questions in reference to this solicitation via e-mail to: mashonda.smith@fcc.gov and denise.roach@fcc.gov. **The deadline for submission of questions is 2:00 PM EST, September 12, 2011.** A consolidated FCC response will be posted on the stated websites O/A **September 13, 2011.** Since all questions and the Government's responses will be made available to all offerors, questions should be worded to avoid disclosing potential strategies or proprietary solutions.

This solicitation is open to all GSA Network Enterprise schedule holders that can meet the requirements stated in this RFQ and Evaluation Plan (*Section 12*). Offerors are required to electronically submit a written Technical Quote – Part 1 and a Price Quote – Part 2 (separately) for the purposes of assuring that the prospective Contractor is fully cognizant of the agency's requirement(s), scope and possesses the capability to fulfill all aspects of this RFQ.

The RFQ response date (closing date) is 2:00 PM EST, September 19, 2011.

Offerors shall attach the applicable cover sheet in *Appendix D* with your offer.

All potential offerors are cautioned to strictly adhere to the provisions of their GSA SCHEDULE CONTRACT and this RFQ regarding conflicts of interest. Any such matters must be brought to the attention of the Contracting Officer at or before the time offers are due. Please be advised that if an actual or potential personal or organizational conflict exists between your firm and the FCC that cannot be resolved, avoided, or mitigated to the satisfaction of the FCC, then your firm shall not be considered eligible for an award.

All offerors shall follow the evaluation criteria/instructions (below) and submit all applicable attachments as stated above to be included with their final RFQ submission response. All quotes shall indicate an **acceptance period of no-less-than 45 days** from the due date for submission.

Technical proposals shall not exceed twenty (20) pages. A page is defined as one side of an 8½" x 11" sheet of white, un-textured paper, single-spaced, with at least one inch margins on all sides, using not smaller than 12 characters per linear inch or be smaller than twelve (12) point, and shall not exceed six (6) lines per vertical inch. The quote shall be provided electronically via

email as stated above. The technical and price proposal must be submitted separately for evaluation purposes. All deliverables will become property of the FCC.

11.1 Submission Requirements

Your quote **MUST** cite the appropriate Schedule Contract Number in your quote submission along with your tax identification number (**TIN**) and Dun & Bradstreet Number (**DUNS**), North American Industrial Classification System (**NAICS**), Standard Product Code (**SPC**) and other pertinent information found in Attachment 1, Quotation Cover Page.

Please ensure that your firm is CCR Certified (<http://www.ccr.gov>).

11.2 Assumptions, Conditions or Exceptions

Offerors must acknowledge all (*if any*) assumptions, conditions, or exceptions with **any** of the terms and conditions of this solicitation including the Statement of Work (SOW). If not noted in this section of your quote, it will be assumed that the offeror proposes no assumptions for award, and agrees to comply with all of the terms and conditions as set forth herein.

Please note that this request does not commit the Government to pay any costs incurred in the submission of your offer, nor to contract for said services. Note also, that full, accurate, and complete information is required by this request in accordance with 18 U.S.C. § 1001 which also prescribes the penalties for making false statements.

12 EVALUATION PLAN

12.1 Basis of Award

This procurement shall be conducted giving each offer a fair opportunity by selecting a quote based on the best combination of qualitative merit and price. Fair opportunity is based on the premise that, if all offers are of approximately technical/qualitative merit, award will be made to the Offeror with the lowest overall evaluated price. However, the Government will consider awarding to an Offeror with higher technical/qualitative merit if the Contracting Officer determines it to be the best value in the Government's best interest.

12.2 Evaluation Criteria/Instructions

12.2.1 Factor 1 – Technical Capability

Technical quotes shall provide convincing rationale to demonstrate (1) proficiency in all general and specific task areas and (2) show how transition will be accomplished

12.2.2 Factor 2 – Price

The vendors are to provide a cost quote in a format that separately identifies the Monthly Recurring Charge (“MRC”) and Non-Recurring Cost (“NRC”) for each CLIN and location, as well as the total cost to meet this requirement through the end of the contract year. Note that the CLINs for SEDs are not included in the table listed in the Bid Model/Pricing Table (*Section 10*) and need to be identified by the vendor. The cost quote should include the SEDs purchase charge, lease charge/Device Monthly Recurring Charge (DMRC) and maintenance charge/Maintenance Monthly Recurring Charge (MMRC) options for this equipment.

At a minimum, the total NRC and MRC shall include the following:

SEDs			Access		Port		Total NRC	Total MRC	Total Cost
Install Charge	DMRC	MMRC	NRC	MRC	NRC	MRT			

When submitting the cost quote, vendor shall indicate whether the NRC for transition orders will be waived.

This is a Firm Fixed Price contract. All pricing table shall be based on your current GSA Schedule contract. Offerors are highly encouraged to discount their prices.

13 ATTACHMENTS

- Appendix A - High Level Time-line for Transition Plan
- Appendix B - FCC Office Locations
- Appendix C - FCC WAN Conceptual Design
- Appendix D - FCC Cover Sheets

Appendix A – High Level Time-Line for Transition Plan

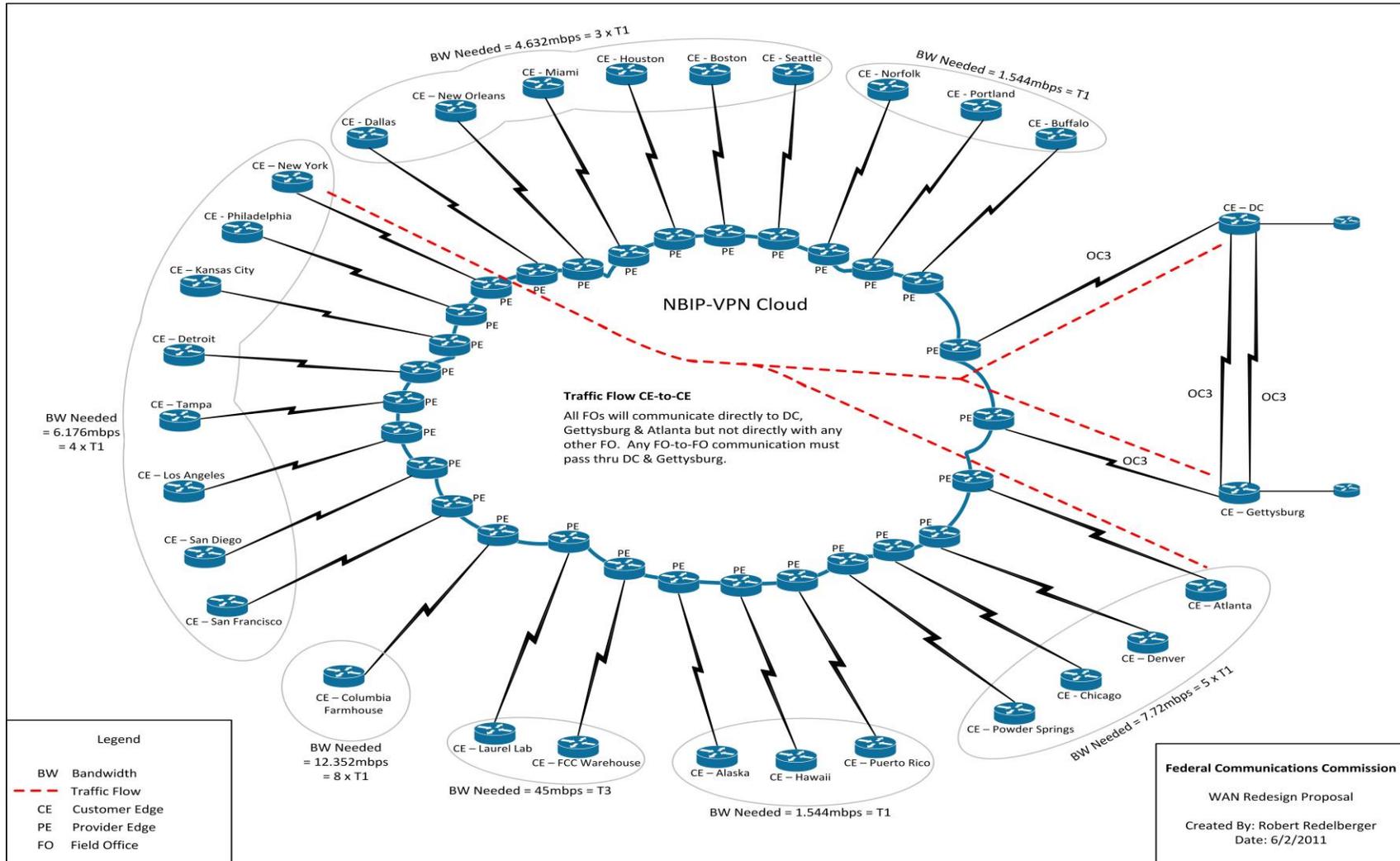
- Task award +1 week:
 - FCC will provide feedback on the contractors proposed draft Transition and Implementation Plan (“TIP”).
 - FCC will provide details of the current network configuration to the selected contractor.
- Task award +2 weeks:
 - The contractor will provide a revised TIP after working with the FCC’s transition team.
- Task award +3 weeks:
 - The FCC will review, discuss and approve the TIP.
- Task award +4 weeks (*or 1-months after award*):
 - The FCC will initiate placing orders for services.
- Task award +12 weeks (*or 3-months after award*):
 - The FCC will begin installation
- Task award +16 weeks (*or 4-months after award*):
 - The FCC will begin cutovers
- Task award +24 weeks (*or 6-months after award*):
 - Expected project completion

Appendix B - FCC Office Locations

#	FCC Site Name	FCC SiteID	NPA-NXX	LATA	O/CONUS	Site Type	Site Description	ST	Shipping Address
1	Washington, DC	DC	202-418	236	CONUS	HUB	Headquarters	DC	445 12th Street, SW Washington, DC 20554
2	Gettysburg, PA	GB	717-338	236	CONUS	HUB	COOP Facility	PA	1270 Fairfield Road Gettysburg, PA 17325
3	FCC Warehouse	WHS	301-763	236	CONUS	Field	FCC Warehouse	MD	9300 East Hampton Drive Capitol Heights, MD 20743
4	OET Lab	Lab	301-362	236	CONUS	Field	Engineering Lab	MD	7435 Oakland Mills Road Columbia, MD 21046-1609
FCC Northeast Region									
5	Boston, MA	BS	617-786	128	CONUS	Field	District Office	MA	1 Batterymarch Park Quincy, MA 02169-7495
6	Buffalo, NY	BF	716-626	140	CONUS	Field	Resident Agents	NY	6400 Sheridan Drive, Suite 140 Williamsville, NY 14221
7	Chicago, IL	CG	847-813	358	CONUS	Field	Regional Office	IL	Park Ridge Office Center, Room 306 1550 North Northwest Hwy. Park Ridge, IL 60068-1460
8	Columbia, MD	CF	301-725	236	CONUS	Field	District Office	MD	9200 Farm House Lane Columbia, MD 20723
9	Detroit, MI	DT	248-471	340	CONUS	Field	District Office	MI	24897 Hathaway Street Farmington Hills, MI 48335-1552
10	New York, NY	NY	212-337	132	CONUS	Field	District Office	NY	201 Varick Street, Suite 1151 New York, NY 10014-4870
11	Philadelphia, PA	PA	215-741	228	CONUS	Field	District Office	PA	One Oxford Valley Office Bldg., Room 404 2300 East Lincoln Highway Langhorne, PA 19047-1859
FCC South Central Region									
12	Atlanta, GA	AT	770-935	438	CONUS	Field	District Office	GA	3575 Koger Blvd., Room 320 Duluth, GA 30096-7577
13	Dallas, TX	DL	214-575	552	CONUS	Field	District Office	TX	9330 LBJ Freeway, Room 1170 Dallas, TX 75243-3429

14	Houston, TX	HU	713-983	560	CONUS	Field	Resident Agents	TX	9597 Jones Road, Room 362 Houston, TX 77065
15	Kansas City, MO	KC	816-316	524	CONUS	Field	Regional Office	MO	520 NE Colbern Road, Second floor Lee's Summit, MO 64086
16	Miami, FL	MA	305-994	460	CONUS	Field	Resident Agents	FL	2210 NW 82nd Avenue Miami, FL 33122
17	Norfolk, VA	NF	757-546	252	CONUS	Field	Resident Agents	VA	1457 Mount Pleasant Road, Suite 113 Chesapeake, VA 23322-3919
18	New Orleans, LA	OR	504-219	490	CONUS	Field	District Office	LA	2424 Edenborn Avenue, Suite 460 Metairie, LA 70001
19	San Juan, PR	SJ	787-766	820	OCONUS	Field	Resident Agents	PR	762 Federal Building Hato Rey, PR 00918-1731
20	Tampa, FL	TP	813-348	952	CONUS	Field	District Office	FL	4010 West Boy Scout Boulevard, Suite 425 Tampa, Florida 33607
FCC Western Region									
21	Powder Springs, GA	EDG	770-222	438	CONUS	Field	Equip. Dev. Grp	GA	3600 Hiram-Lithia Springs Road Hiram, GA 30141
22	Anchorage, AK	AN	907-271	832	OCONUS	Field	Resident Agents	AK	6721 Raspberry Road Anchorage, AK 99502-1896
23	Denver, CO	DV	303-231	656	CONUS	Field	District Office	CO	215 South Wadsworth Blvd., Suite 303 Lakewood, CO 80226-1566
24	Honolulu, HI	HL	808-675	834	OCONUS	Field	Resident Agents	HI	Waipio Point Access Road 95-055 Waipio Point Access Road Waipahu, HI 96797-1030
25	Los Angeles, CA	LA	562-865	730	CONUS	Field	District Office	CA	Cerritos Corporate Tower 18000 Studebaker Road, Room 660 Cerritos, CA 90703-2692
26	Portland, OR	PO	360-696	672	CONUS	Field	Resident Agents	WA	Columbia Business Center 2119 SE Columbia Way, Bldg #2, Suite 300 Vancouver, WA 98661
27	San Diego, CA	SD	858-496	732	CONUS	Field	District Office	CA	Interstate Office Park 4542 Ruffner Street, Room 370 San Diego, CA 92111-2216
28	San Francisco, CA	SF	925-416	722	CONUS	Field	Regional Office	CA	5653 Stoneridge Drive, Suite 105 Pleasanton, CA 94588-8543
29	Seattle, WA	ST	425-820	674	CONUS	Field	District Office	WA	11410 NE 122nd Way, Room 312 Kirkland, WA 98034-6927

Appendix C - FCC WAN Conceptual Design



Appendix D - FCC Cover Pages

Part I: Technical Quote Cover Page

(To be placed on the top page of the technical portion of your offer)

Company Name:

Company Representative for GSA Orders:

Contact Phone:

Contact E-mail:

Payment Terms:

GSA Schedule Number and expiration date:

Please check business size: () Large () Small () Minority () Women-owned

TIN or SSN:

DUNS #:

NAICs Code:

Complete Mailing Address:

Other Pertinent Information:

Offer Acceptance Period (no less than 90 days from due date of quote):

Name and Title of Person Authorized to Sign Offer:

Signature:

Date:

Part 2: Price Quote Cover Page

(To be placed on the top page of the price portion of your offer)

Company Name:

Company Representative for GSA Orders:

Contact Phone:

Contact E-mail:

Payment Terms:

GSA Schedule Number and expiration date:

Please check business size: () Large () Small () Minority () Women-owned

TIN or SSN:

DUNS #:

NAICs Code:

Complete Mailing Address:

Other Pertinent Information:

Offer Acceptance Period (no less than 90 days from due date of quote):

Name and Title of Person Authorized to Sign Offer:

Signature:

Date: