

INVITATION FOR BID

IFB C4A1LEG18

FOR

LEGACY 4 TELECOMMUNICATIONS VOICE AND DATA SERVICES

CALNET LEGACY 4

CATEGORY 15 – DEDICATED TRANSPORT

STATEMENT OF WORK

TECHNICAL REQUIREMENTS

Addendum 6

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Amendment Log

Amendment #	Date	Revision Description
Amendment 1	05/20/2020	<ul style="list-style-type: none">• Updated Catalog for accepted unsolicited items in tables 15.2.2.3b, 15.2.3.3b and 15.2.5.3b.• Updated Unit of Measure and Non-Recurring and Monthly Recurring Charge in Table 15.2.5.3.a
Amendment 5	10/28/2021	<ul style="list-style-type: none">• Added new services to Unsolicited Extended Demarcation Wiring Services in Table 15.3.2.b• Updated sequential numbering in Table 15.3.2.b

SOW TECHNICAL REQUIREMENTS

CATEGORY 15 – DEDICATED TRANSPORT

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SOW TECHNICAL REQUIREMENTS

CATEGORY 15 - DEDICATED TRANSPORT

15.1 OVERVIEW

This IFB C4A1LEG18 Category 15 provides the State's solicitation for best value solutions for dedicated transport services including Carrier DS0, Carrier DS1, Carrier DS3 and ISDN Primary Rate Interface services. This IFB C4A1LEG18 also describes the SOW Technical Requirements necessary to support the CALNET Legacy 4 program requirements.

This IFB C4A1LEG18 will be awarded to Bidders that meet the award criteria as described in IFB C4A1LEG18 Part 1, Section 4, *Bid Evaluation*. The CALNET Legacy 4 Contract(s) that result from the award of this IFB C4A1LEG18 will be managed on a day-to-day basis by the CALNET Contract Management and Oversight (CALNET CMO).

15.1.1 BIDDER RESPONSE REQUIREMENTS

Throughout this IFB C4A1LEG18, Bidders are required to acknowledge acceptance of the requirements described herein by responding to one (1) of the following:

Example A (for requirements that require confirmation that the Bidder understands and accepts the requirement):

"Bidder understands the Requirement and shall meet or exceed it? Yes _____ No _____"

Or,

Example B (for requirements contained in Technical Feature and/or Service Tables):

Table 15.x.x.a – Feature and/or Service Name					
Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds?	
				Y	N

15.1.2 DESIGNATION OF REQUIREMENTS

All SOW Technical Requirements that are specified by the State in this IFB C4A1LEG18 Section are Mandatory and must be responded to as identified in IFB C4A1LEG18 Part 1 Section 3.3.2.1, *SOW Mandatory Business and Technical Requirements*, by the Bidder. Additionally, some Mandatory requirements are "Mandatory-Scorable" and are designated as "(M-S)". The State will have the option of whether or not to include each item in the Contract, based on the best interest of the State. Furthermore, the Customers will have the option whether or not to order services or features included in the Contract. Service Requests for some CALNET Legacy 4 services or features may require the CALNET CMO approval.

Bidders have the option to offer unsolicited items in specific product tables allowing the Bidder to offer additional items that are not specified in the State's Mandatory tables. Refer to IFB C4A1LEG18 Part 1, Section 3.3.2.2, *Unsolicited Offerings*, for additional instruction.

Costs associated with services shall be included in the prices provided by the Bidder for the individual items included in the Category 15 Cost Worksheets. Items not listed in the Category 15 Cost Worksheets will not be billable by the Contractor. If additional unsolicited items include the features described in the IFB C4A1LEG18 and are not included as billable in the Category 15 Cost Worksheets, the cost associated with the features shall not be included in the unsolicited price.

Services and features included in the Category 15 Cost Worksheets are those that the Bidder must provide. All Bidders must provide individual prices as indicated in the Category 15 Cost Worksheets in the Bidder's Final Proposal. Items submitted with no price will be considered as offered at no cost.

15.1.3 PACIFIC TIME ZONE

Unless specified otherwise, all times stated herein are times in the Pacific Time Zone.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2 DEDICATED TRANSPORT REQUIREMENTS

15.2.1 DATA NETWORK OPERATIONS AND MANAGEMENT

15.2.1.1 General Description

The Contractor's data network(s) shall meet established industry standards.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2.1.1.1 Network Operations Center

The Contractor shall maintain a Network Operations Center (NOC) that is staffed 24x7x365 that coordinates and manages all data traffic.

The NOC shall perform the following services

1. Network surveillance;
2. Fault management (trouble identification, isolation and notification); and,
3. Monitor network performance in near real-time to identify capacity blockages and implement controls to optimize network health and performance immediately.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2.1.2 Security

15.2.1.2.1 Physical Access

The Contractor shall physically secure all data and networking facilities through which data traverses the Contractor's WAN complying with the physical security controls of NIST SP 800-53, ISO/IEC 27001, or equivalent standards.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2.1.2.2 Network Security

The Contractor's network security solution shall incorporate the following features:

1. The Contractor's network equipment locations and data centers shall use carrier grade platforms, and
2. All equipment shall be in a hardened facility and all unnecessary services shall be disabled or removed.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2.1.2.3 Security Event Notifications

The Contractor shall provide the designated State representatives with notifications of suspected and real security violations that impact the Customers within one (1) hour of such determination via telephonic means or email.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2.2 Carrier DS0 Service

The Contractor shall provide DS0 digital data circuits. DS0 service supports point-to-point and multipoint/multi-drop digital data circuits up to 64 Kbps providing full duplex, four-wire or two-wire, synchronous serial digital data transport.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.2.2.1 DS0 Functionality

The DS0 service provided by the Contractor shall include the following functionality:

1. **Advanced Digital Network (ADN) or equivalent** - A dedicated digital private line service at DS0 and below speeds, providing full duplex, four-wire, end-to-end, synchronous, data transport;
2. **Subscriber Access** - Channel termination for the DS0 circuit. One (1) subscriber access for each termination;
3. **Packet Delivery** – The monthly average packet delivery shall be greater than 99.995 percent error free seconds on a monthly average throughput for each circuit; and,
4. **Standards** - DS0 service shall be provided in accordance with the North American T-carrier and applicable American National Standards Institute (ANSI) and International Telecommunications Union (ITU) standards.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.2.2.2 Geographic Availability

The Contractor shall provide Carrier DS0 service throughout the Contractor's service area where commercially available.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.2.2.3 DS0 Services and Features

The Contractor shall offer the DS0 services and features detailed in Table 15.2.2.3.a.

Table 15.2.2.3.a – Carrier DS0 Services and Features						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
1	IntraLATA DS0 Service	IntraLATA carrier DS0 service. Channel Termination (one end point)	VAN4P	DS0 channel termination under the service name Advanced Digital Network (ADN). The ADN channel termination connects the customer's site with the serving central office at 56 Kbps (DS0). Two-channel terminations are required for end-to-end 56 Kbps service within the same serving central office. Can also connect to other services, such as inter-office transport (mileage), bridging, or multiplexing.	Y	
2	InterLATA/ Interstate DS0 Service	InterLATA/Interstate carrier DS0 service. Channel Termination (one end point)	1LNR9	InterLATA/Interstate carrier DS0 service. Channel Termination (one end point)	Y	
3	IntraLATA Variable Mileage for Dedicated DS0 Transport	IntraLATA variable mileage for dedicated DS0 transport. Mileage is measured as the airline mileage between the serving central offices.	1L57X	IntraLATA variable mileage for dedicated DS0 transport. Mileage is measured as the airline mileage between the serving central offices.	Y	
4	InterLATA Variable Mileage for Dedicated DS0 Transport Services	InterLATA variable mileage for dedicated DS0 transport. Mileage is measured as the airline mileage between the serving central offices.	DS002	InterLATA variable mileage for dedicated DS0 transport. Mileage is measured as the airline mileage between the serving central offices.	Y	

Table 15.2.2.3.a – Carrier DS0 Services and Features						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
5	Interstate Variable Mileage for Dedicated DS0 Transport Services	Interstate variable mileage for dedicated DS0 transport. Mileage is measured as the airline mileage between the serving central offices.	DS003	Interstate variable mileage for dedicated DS0 transport. Mileage is measured as the airline mileage between the serving central offices.	Y	
6	Central Office Bridging	Connects three (3) or more Customer designated premises for simultaneous communications on one (1) circuit	DFOBR	Connects three (3) or more Customer designated premises for simultaneous communications on one (1) circuit	Y	

The Contractor may offer additional unsolicited DS0 services and features in Table 15.2.2.3.b.

Table 15.2.2.3.b – Unsolicited Carrier DS0 Services and Features			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
1	ADN Multiplexing	MQO	Provides a digital cross-connect port that allows individual DS0 ADN to be combined into a DS1 Channel. Up to 24 DS0 ADN circuits can be combined into one DS1.
2	ADN Secondary Channel	DFOSC	Provides a low-speed secondary channel on a DS0 circuit.
3	Customer Network Reconfiguration	DFOCO	Allows changes to connections of individual circuit segments at DCS node, either proactively or within minutes of trouble detection.
4	IntraLATA DS0 4.8Kbps	VAN1P	DS0 channel termination under the service name Advanced Digital Network (ADN). The ADN channel termination connects the customer's site with the serving central office at 4.8 Kbps (DS0 substrate).
5	IntraLATA DS0 9.6Kbps	VAN2P	DS0 channel termination under the service name Advanced Digital Network (ADN). The ADN channel termination connects the customer's site with the serving central office at 9.6 Kbps (DS0 substrate).
6	IntraLATA DS0 9.6Kbps	VAN2W	DS0 channel termination under the service name Advanced Digital Network (ADN). The ADN channel termination connects the customer's site with the serving central office at 9.6 Kbps (DS0 substrate).
7	IntraLATA DS0 19.2Kbps	VAN3P	DS0 channel termination under the service name Advanced Digital Network (ADN). The ADN channel termination connects the customer's site with the serving central office at 19.2 Kbps (DS0 substrate).
8	IntraLATA DS0 Service	VAN4D	DS0 channel termination under the service name Advanced Digital Network (ADN). The ADN channel termination connects the customer's site with the serving central office at 56 Kbps (DS0).
9	IntraLATA DS0 2.4Kbps	VANOP	DS0 channel termination under the service name Advanced Digital Network (ADN). The ADN channel termination connects the customer's site with the serving central office at 2.4 Kbps (DS0 substrate).
10			

15.2.3 Carrier DS1 Service

The Contractor shall provide DS1 digital data circuits. DS1 service supports point-to-point digital data circuits up to 1.544 Mbps providing full duplex, four-wire, synchronous serial digital data transport.

The minimum digital signals required are in the following two (2) formats:

1. Basic (full 1.544 Mbps); and,
2. Channelized (24 multiplexed DS0 channels — 64 Kbps each).

Basic Carrier DS1 Service shall include the following characteristics:

1. High Capacity - DS1 class of service; and,
2. Subscriber Access - Channel termination for the circuit terminating at the Contractor's point of presence.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.2.3.1 DS1 Functionality

The Carrier DS1 service provided by the Contractor shall include the functionality described below.

1. **B8ZS** - Line code allowing use of the entire bandwidth of a 1.544 facility. Line codes tell the network how the bits in a bit stream are electronically represented for transport through the network;
2. **Extended Super Frame** - Framing format that allows the additional bits to be added less frequently or added at longer intervals. Bits that are gained by doing this are then used to perform other functions;
3. **Subscriber Access Line with Equipment** – DS1 circuit termination with electrical Equipment. One (1) subscriber access for each termination;
4. **Packet Delivery** – The monthly average packet delivery shall be greater than 99.995 percent error free seconds on a monthly average throughput for each circuit; and,
5. **Standards** - The Contractor's DS1 service shall be provided in accordance with the North American T-carrier and applicable ANSI and ITU standards.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.2.3.2 DS1 Geographic Availability

The Contractor shall provide Carrier DS1 service throughout the Contractor's service area where commercially available.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.2.3.3 DS1 Services and Features

The Contractor shall offer the Carrier DS1 services and features detailed in Table 15.2.3.3.a.

Table 15.2.3.3.a – Carrier DS1 Services and Features					
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N
1	DS1 Service IntraLATA	IntraLATA carrier DS1 service. Channel Termination (one end point)	TMECS	DS1 is provided under the service name High Capacity Service (HiCap or T1). The DS1 channel termination connects the customer's site with the serving central office at 1.544 Kbps (DS1). Two channel terminations are required for end-to-end 1.544 Mbps service within the same serving central office. Can also connect to other services, such as interoffice transport (mileage), or multiplexing.	Y
2	DS1 Service InterLATA/ Interstate	InterLATA/Interstate carrier DS1 service. Channel Termination (one end point).	1LNV9	InterLATA/Interstate carrier DS1 service. Channel Termination (one end point).	Y
3	IntraLATA Variable Mileage for Dedicated DS1 Transport Services	IntraLATA variable mileage for dedicated transport Services. Mileage measured as the airline mileage between the serving central offices.	1L58X	IntraLATA variable mileage for dedicated transport Services. Mileage measured as the airline mileage between the serving central offices.	Y

Table 15.2.3.3.a – Carrier DS1 Services and Features					
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds?Y N
4	InterLATA Variable Mileage for Dedicated DS1 Transport	InterLATA variable mileage for dedicated transport Services. Mileage measured as the airline mileage between the serving central offices.	1LNVX	InterLATA variable mileage for dedicated transport Services. Mileage measured as the airline mileage between the serving central offices.	Y
5	Interstate Variable Mileage for Dedicated DS1 Transport Services	Interstate variable mileage for dedicated transport Services. Mileage measured as the airline mileage between the serving central offices.	DS102	Interstate variable mileage for dedicated transport Services. Mileage measured as the airline mileage between the serving central offices.	Y

The Contractor may offer additional unsolicited DS1 services and features in Table 15.2.3.3.b.

Table 15.2.3.3.b – Unsolicited Carrier DS1 Services and Features			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
1	DS1 to Voice Multiplexing	MQ1	Provides a multiplexed connection of up to 24 voice grace circuits onto a DS1
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15.2.4 Carrier DS3 Service

The Contractor shall provide DS3 digital data circuits that support point-to-point digital data circuits up to 44.736 Mbps providing full duplex, synchronous serial digital data transport. DS3s may be clear-channel or channelized into 28 channels.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2.4.1 DS3 Functionality

The DS3 service provided by the Contractor shall include the functionality.

1. **High Capacity DS3** - High Capacity DS3 Class of Service;
2. **Subscriber Access Line with Equipment** - DS3 circuit termination with electrical Equipment. One (1) subscriber access for each termination;
3. **Central Office Multiplexing** - Converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing;
4. **Packet Delivery** – The monthly average packet delivery shall be greater than 99.995 percent error free seconds on a monthly average throughput for each circuit; and,
5. **Standards** - The Contractor's DS3 service shall be provided in accordance with the North American T-carrier and applicable ANSI and ITU Standards.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2.4.2 DS3 Geographic Availability

The Contractor shall provide Carrier DS3 service throughout the Contractor's service area where commercially available.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2.4.3 DS3 Services and Features

The Contractor shall offer the DS3 services and features detailed in Table 15.2.4.3.a.

Table 15.2.4.3.a – Carrier DS3 Services and Features						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
1	DS3 Service IntraLATA	IntraLATA carrier DS3 service. Channel Termination (one end point)	Z35AC	DS3 provided under the service name High Capacity Service (HiCap DS3 or T3). The DS3 channel termination connects the customer's site with the serving central office at 44.736 Mbps (DS3). Two channel terminations are required for end-to-end 44.736 Mbps service within the same serving central office. Can also connect to other services, such as interoffice transport (mileage), or multiplexing.	Y	
2	DS3 Service InterLATA/ Interstate	InterLATA/Interstate carrier DS3 service. Channel Termination (one end point)	1LN44	InterLATA/Interstate carrier DS3 service. Channel Termination (one end point)	Y	
3	IntraLATA Variable Mileage for Dedicated Transport DS3 Services	IntraLATA variable mileage for dedicated transport services. Mileage measured as the airline mileage between the serving central offices.	1L59X	Distance sensitive variable mileage. Mileage measured as the airline mileage between the serving central offices.	Y	
4	InterLATA Variable Mileage for Dedicated Transport DS3 Services	InterLATA variable mileage for dedicated transport Services. Mileage measured as the airline mileage between the serving central offices.	1LNGX	Distance sensitive variable mileage. Mileage measured as the airline mileage between the serving central offices.	Y	
5	Interstate Variable Mileage for Dedicated Transport DS3 Services	Interstate variable mileage for dedicated transport Services. Mileage measured as the airline mileage between the serving central offices.	DS302	Distance sensitive variable mileage. Mileage measured as the airline mileage between the serving central offices.	Y	

The Contractor may offer additional unsolicited DS3 services and features in Table 15.2.4.3.b.

Table 15.2.4.3.b – Unsolicited Carrier DS3 Services and Features			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
1	Central Office Multiplexing	MQ3	An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.
2	Central Office Multiplexing with Reconfiguration	MQ4	An arrangement that converts a 44.736 Mbps channel to 28 channels for use with DS1 service when Network Reconfiguration Service is requested.
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15.2.5 ISDN Primary Rate Interface (PRI)

The Contractor shall provide Integrated Services Digital Network (ISDN) Primary Rate Interface (PRI) through standard T1 (1.544 Mbps) point-to-point private-line Facilities. ISDN PRI shall be available from the Contractor.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.2.5.1 ISDN PRI Standards

ISDN PRI shall be provided in accordance with all applicable ANSI, IT and Telcordia/Bellcore Standards.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.2.5.2 ISDN PRI Geographic Availability

The Contractor shall provide ISDN PRI Service throughout the Contractor's service area where commercially available.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.2.5.3 ISDN PRI Configurations

The Contractor shall offer the ISDN PRI Configurations detailed in Table 15.2.5.3.a.

Table 15.2.5.3.a – ISDN PRI Configurations					
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N
1	ISDN PRI Package #1 @ 64 Kbps	Provides 23 64Kbps (bearer) channels and one (1) primary 64Kbps D channel.	PRAS1	Primary Rate ISDN interface. Includes one primary D-channel. B-channels support circuit switched voice, or data at 56Kbps or 64Kbps. Requires DS1 access.	Y
2	ISDN PRI Package #2 @ 64 Kbps	Additional 24 64Kbps (bearer) channels to be provisioned with Package 1	PRAS2	Provides an additional twenty-four (24) 64 Kbps B (bearer) channels. This option is only available in conjunction with a Package 1	Y
3	ISDN PRI Package #3 @ 64 Kbps	Additional 23 64Kbps (bearer) channels and one (1) backup 64Kbps D channel to be provisioned with Package 1.	PRAS3	Provides an additional twenty-three (23) 64 Kbps B (bearer) channels and one (1) backup 64 Kbps D (delta/signaling) channel. This option is only available in conjunction with a Package 1, and only one Package 3 may be included with each PRI serving arrangement.	Y

Table 15.2.5.3.a – ISDN PRI Configurations					
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N
4	IntraLATA Local Calling up to 12 miles	Local calling service up to 12 miles.	USGZ12	Per-minute usage, per PRI B-channel for local calls. Per minute rates for directly dialed calls made over the public switched network from 0 to 12 miles	Y

The Contractor may offer additional unsolicited ISDN PRI Configurations features in Table 15.2.5.3.b.

Table 15.2.5.3.b – Unsolicited ISDN PRI Configurations			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
1	PRI 2 B Channel Transfer	2BTPG	Allows the ISDN PRI to connect two calls, transfer the call together and then release the parties from the ISDN PRI
2	Alternate Route	PRAAR	Allows customers to specify an alternate route where incoming calls may be directed when all channels are busy, or when there is a network failure or loss of continuity with the premise equipment.
3	PRIMARY RATE ISDN Calling Name Display	PRACN	Allows the network to pass Calling Name information (along with the calling line identification) between multiple entities within a PRI network serving arrangement
4	PRIMARY RATE ISDN Dialing Plan	PRADP	Allows customers to dial between entities on either an access code or abbreviated station to station dialing basis. Not available on Direct Out.
5	PRIMARY RATE ISDN Message Waiting	PRAMW	Allows the Company's network to pass Message Waiting Indication information between multiple entities within a PRI network serving arrangement.
6	PRIMARY RATE ISDN Subgroup	PRASG	PRI Subgroup allows customers who subscribe to multiple associated service types within a single PRI serving arrangement to create subgroups, thereby dedicating ascertain number of channels to a particular service type
7	PRIMARY RATE ISDN Network Ring Again	PRSRA	This feature allows a calling station which encounters a busy to notify the central office switch to signal the calling station when the called station becomes idle. The calling station can then notify the switch to complete the call

Table 15.2.5.3.b – Unsolicited ISDN PRI Configurations

	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
8	PRIMARY RATE ISDN First Combo Trunk	PB1	First combo trunk group with PRI
9	PRIMARY RATE ISDN Additional Combo Trunk	PB2	Additional measured trunk with PRI
10	DID Station Numbers - 1st 100	ND8	DID Station Numbers Block of 100 telephone numbers used to work with DID trunking.
11	PRIMARY RATE ISDN User to User Information	PRSUU	Enables customers to send additional information over the PRI D channel with the ISDN call setup and call clearing messages. The feature allows users to send and/or receive information without actual call completion.
12	Inform 911	PRAE9	An optional upgrade feature which allows the Calling Party Number of the station to be sent to the E911 database rather than the Billed Telephone Number.
13	PRIMARY RATE ISDN Enhanced Alternate Route	PRAER	Enhanced Alternate Route allows incoming voice or data calls to overflow on a disaster and busy basis to a line side and trunk side connection designated by the customer. Subject to technical capabilities, routing is not limited to another PRI arrangement, trunk group or private facility as is the Alternate Route feature.
14	PRIMARY RATE ISDN Station Record Detail	PRARD	Station Record Detail will provide the customer with the station number of all originating calls on the customer bill so that call information can be tracked at a station level.
15	PRIMARY RATE ISDN Deluxe Call Transfer	PRACF	Deluxe Call Transfer allows the customer to transfer an incoming call to any dialable telephone number, freeing the incoming channel for the next call upon transfer completion. Also allows for the use of a single channel on 3-Way Calling.
16	IntraLATA Local Calling over 12 miles and up to 16 miles	USGZ3	Per-minute rate, billed in increments of 18 second initial increment and one second subsequent increments for directly dialed calls made over the public switched network from business telephone lines 12 to 16 miles. Features described above are a function of lines, which give customers network access and provide dial tone and the ability to make calls. These access methods include (but are not limited to) Centrex lines, Business Access Lines, and PBXs.
17	Additional DID Station Numbers	NDA	Each additional block of 100 numbers used to work with DID trunking (after initial two blocks of 100 numbers).

Table 15.2.5.3.b – Unsolicited ISDN PRI Configurations

	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
18	Block of 20 DID Station Numbers	ND1	Block of 20 DID station numbers in the same trunk group.
19	ISDN PRI Trunk-Inbound Only	PB4	PRIMARY RATE ISDN Trunk-Inbound Only
20	ISDN PRI Trunk Outbound Only	PB3	PRIMARY RATE ISDN PRI Trunk Outbound Only
21	PRIMARY RATE ISDN Calling Name Delivery	NM1PG	Allows ISDN PRI Calling name Delivery with call control to send calling party name to ISDN Class II equipment
22	PRIMARY RATE ISDN Private Facility Connection	PRSPF	Private Facility Connection
23	PRIMARY RATE ISDN Miscellaneous Change Charge	XPB	The PRI Miscellaneous Change Charge applies each time the customer requests a change to the existing basic features and/or optional features of an existing PRI serving arrangement
24	Hunting	HTG	Allows incoming calls to search a group of multiple lines in the same exchange, of same class of service, and of the same customer for an idle line.

15.2.6 SERVICE RESTORATION

15.2.6.1 Telecommunications Service Priority (TSP) Program

The Contractor shall comply with the Telecommunications Service Priority (TSP) Program, a Federal Communications Commission (FCC) mandate for prioritizing Service Requests by identifying those services critical to National Security and Emergency Preparedness (NS/EP) and be in compliance with all CPUC and FCC Requirements.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.2.6.2 Data Network Disaster/Operational Recovery

Public safety agencies, major data centers, agencies with supporting roles during disaster or emergency operations, and agencies with significant roles in post-disaster recovery have mission-critical needs to maintain network availability during disasters or emergencies.

It is essential that service be restored as soon as possible, and the services most critical to the State's operations remain operational during efforts to achieve full service recovery.

The Contractor shall implement processes that will assure the continuity of services for critical CALNET Legacy 4 operations, producing the greatest benefit from remaining limited resources and achieving a systematic and orderly resumption of all contracted services.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.3 OTHER SERVICES

15.3.1 HOURLY RATES FOR SERVICES

The hourly classifications of hours worked for services described in this Section 15.3.1 will be as follows:

1. Regular Hours – Hours worked between 8:00AM and 4:59PM, Monday through Friday.
2. Overtime Hours – Hours worked between 5:00PM and 7:59AM, Monday through Friday and all day Saturday.
3. Sunday and Holiday Hours – Any hours worked on Sunday or State of California holidays.

When coordinated scheduling for projects between the State and the Contractor occurs, the State and the Contractor may mutually agree that hours worked between 5:00PM and 7:59AM, Monday through Friday and all day Saturday and any hours worked on Sunday or State of California holidays can be classified as Regular Hours in accordance with the State of California Department of Industrial Relations.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.3.2 EXTENDED DEMARCATION WIRING SERVICES

The Contractor shall provide Extended Demarcation (Extended Demarc) wiring to support the services covered by this IFB C4A1LEG18 Category for all Customer occupied buildings where services under this Contract are being offered. Extended Demarc wiring includes wiring and cable related activities required to extend the service demarcation point to the Customer defined termination location or cross-connect point from the Contractor's Minimum Point of Entry (MPOE).

Extended Demarc wiring shall include all necessary hardware including wire and/or cable, connectors, jumpers, patch panels, minor materials and jacks. Extended Demarc wiring shall also include all necessary labor required to complete the provisioning of service including installation, testing, trouble shooting, labeling and documentation.

Extended Demarc wiring is limited to the following:

1. Installation of cabling for extending services from the MPOE location to the Customer's point of utilization;

2. Installation of cross-connects or rearrangement of existing jumpers;
3. Identification and testing of existing cabling beyond the MPOE to the Customer's equipment location; or,
4. Testing, trouble shooting, labeling and completing documentation.

The Contractor shall provide installations in accordance with the timeframes identified for the services that this cabling will support, and shall be subject to the SLAs detailed in Section 15.4.8.7, *Provisioning SLAs*, associated with that service.

The Contractor shall not be required to complete Extended Demarc wiring from the MPOE to the extended Demarc location if:

1. The wire/cable pathway is blocked and cannot be cleared in less than 20 minutes or if the Contractor would cause damage to the Customer site or existing cabling in clearing the pathway;
2. The wire/cable pathway is in an asbestos environment or other environment hazardous to the Contractor's personnel, or where such work would be hazardous to the public or to the Customer's staff; or,
3. Written release of the responsibility to provide the Extended Demarc is provided by either the Customer or by the CALNET CMO.

The Bidder shall provide a price in the Category 15 Cost Worksheets for all labor and materials required for Extended Demarc wiring necessary to complete the provisioning of one (1) Demarc extension as described above. The Bidder shall provide one (1) price for each media identified.

The Contractor shall install wiring according to industry standards and cabling recommendations published in the State Telecommunications Management Manual (STMM), Facilities Management Chapter, Uniform Building Cabling/Wiring current at the time of this IFB C4A1LEG18 and as periodically updated by the CALNET CMO. Additionally, the Contractor shall install and maintain all wiring in accordance with all applicable EIA/TIA, BICSI, and ITU-T recommended standards current at the time of installation or maintenance.

The Contractor shall provide Extended Demarcation Wiring Services limited to one (1) occurrence or installation for the specific telecommunications service the cabling is meant to support and must be ordered in conjunction with the service being provisioned. All other cabling will be the responsibility of the Customer and will be acquired through other procurement vehicles.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

The Contractor shall offer the Extended Demarcation Wiring services detailed in Table 15.3.2.a.

Table 15.3.2.a – Extended Demarcation Wiring Services						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
1	Extended Demarcation – Copper four-Pair – Regular Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.	EDCR	The copper demarcation point extension is up to 300 feet. Extended termination wiring will include the necessary four-pair cable and an RJ48 or equivalent jack. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during regular hours.	Y	
2	Extended Demarcation – Copper four-Pair – Overtime Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.	EDCO	The copper demarcation point extension is up to 300 feet. Extended termination wiring will include the necessary four-pair cable and an RJ48 or equivalent jack. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during overtime hours.	Y	

Table 15.3.2.a – Extended Demarcation Wiring Services						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
3	Extended Demarcation – Copper four-Pair – Sunday and Holiday Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.	EDCH	The copper demarcation point extension is up to 300 feet. Extended termination wiring will include the necessary four-pair cable and an RJ48 or equivalent jack. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during Sunday and Holiday hours.	Y	
4	Extended Demarcation – Copper 25 Pair – Regular Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet or less of Category 5 25-pair CMP cable, one (1) patch panel and mounting hardware. Ten (10) Category 5e, three (3) meter jumpers; one (1) 24-port patch panel to be provided in the MPOE and Intermediate Distribution Frame (IDF) for all circuits being extended. Includes associated troubleshooting, testing, and labeling.	EDC25R	The copper demarcation point extension is limited to 300 feet or less of one Category 5e 25-pair CMP UTP cable with new 24-port Category 5e panels. Ten (10) Category 5e, three-(3) meter jumpers, one (1) 24-port panel to be provided in the MPOE and IDF for all circuits being extended. Associated troubleshooting, testing, and labeling are included. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during regular hours.	Y	

Table 15.3.2.a – Extended Demarcation Wiring Services						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
5	Extended Demarcation – Copper 25 Pair – Overtime Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet or less of Category 5 25-pair CMP cable, one (1) patch panel and mounting hardware. Ten (10) Category 5e, three (3) meter jumpers; one (1) 24-port patch panel to be provided in the MPOE and Intermediate Distribution Frame (IDF) for all circuits being extended. Includes associated troubleshooting, testing, and labeling.	EDC25O	The copper demarcation point extension is limited to 300 feet or less of one Category 5e 25-pair CMP UTP cable with new 24-port Category 5e panels. Ten (10) Category 5e , three (3) meter jumpers, one (1) 24-port panel to be provided in the MPOE and IDF for all circuits being extended. Associated troubleshooting, testing, and labeling are included. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during overtime hours.	Y	

Table 15.3.2.a – Extended Demarcation Wiring Services						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
6	Extended Demarcation – Copper 25 Pair – Sunday and Holiday Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet or less of Category 5 25-pair CMP cable, one (1) patch panel and mounting hardware. Ten (10) Category 5e, three (3) meter jumpers; one (1) 24-port patch panel to be provided in the MPOE and Intermediate Distribution Frame (IDF) for all circuits being extended. Includes associated troubleshooting, testing, and labeling.	EDC25H	The copper demarcation point extension is limited to 300 feet or less of one Category 5e 25-pair CMP UTP cable with new 24-port Category 5e panels. Ten (10) Category 5e, three-(3) meter jumpers, one (1) 24-port panel to be provided in the MPOE and IDF for all circuits being extended. Associated troubleshooting, testing, and labeling are included. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during Sunday and Holiday hours.	Y	

Table 15.3.2.a – Extended Demarcation Wiring Services						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
7	Extended Demarcation – Optical Fiber Link – Regular Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customers point of utilization from a fiber trunk or trunking equipment with strand count required to provision one (1) each service only. Includes up to 1,000 feet of 62.5/125 – or 50/125 – micron, two-strand CMP fiber drop cable with adapters, enclosures, connectors, and two (2) SC-SC duplex patch cords for each single circuit extension. Includes associated troubleshooting, testing and labeling.	EDOR	The optical demarcation point extension is limited to 1,000 feet or less of (1) 62.5/125 or 50/125-micron, two-strand OFNP fiber drop cable with adapters, connectors, and two SC-SC duplex patch cords for each single circuit extension. Associated troubleshooting, testing, and labeling are included. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during regular hours.	Y	
8	Extended Demarcation – Optical Fiber Link – Overtime Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customers point of utilization from a fiber trunk or trunking equipment with strand count required to provision one (1) each service only. Includes up to 1,000 feet of 62.5/125 – or 50/125 – micron, two-strand CMP fiber drop cable with adapters, enclosures, connectors, and two (2) SC-SC duplex patch cords for each single circuit extension. Includes associated troubleshooting, testing and labeling.	EDOO	The optical demarcation point extension is limited to 1,000 feet or less of (1) 62.5/125 or 50/125-micron, two-strand OFNP fiber drop cable with adapters, connectors, and two SC-SC duplex patch cords for each single circuit extension. Associated troubleshooting, testing, and labeling are included. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during overtime hours.	Y	

Table 15.3.2.a – Extended Demarcation Wiring Services						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
9	Extended Demarcation – Optical Fiber Link – Sunday and Holiday Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customers point of utilization from a fiber trunk or trunking equipment with strand count required to provision one (1) each service only. Includes up to 1,000 feet of 62.5/125 – or 50/125 – micron, two-strand CMP fiber drop cable with adapters, enclosures, connectors, and two (2) SC-SC duplex patch cords for each single circuit extension. Includes associated troubleshooting, testing and labeling.	EDOH	The optical demarcation point extension is limited to 1,000 feet or less of (1) 62.5/125 or 50/125-micron, two-strand OFNP fiber drop cable with adapters, connectors, and two SC-SC duplex patch cords for each single circuit extension. Associated troubleshooting, testing, and labeling are included. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during Sunday and Holiday hours.	Y	

The Contractor may offer additional unsolicited Extended Demarcation Wiring services in Table 15.3.2.b.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
1	Install Customer Provided UPS – Regular Hours	SRIR001	Install customer provided UPS. Based on (1) customer provided 4RU rack mounted UPS, standard electrical connections, no electrical work required.
2	48-Port Switch (Patch Cords) – Regular Hours	SRIR002	Cable 48-port switch (patch cords). Based on (48) Allen-Tel, 10' Cat 6 patch cord, AT1610-BU, Per 48 port switch.
3	7' 2-Post Rack – Regular Hours	SRIR003	Provide and install 7' 4-post rack. Based on CPI, 7' X 19" - 4 Post Rack, Black, 50120-703 or equivalent.
4	7' 4-Post Rack – Regular Hours	SRIR004	Provide and install 7' 4-post rack. Based on CPI, 7' X 19" - 4 Post Rack, Black, 50120-703 or equivalent.
5	Install Customer Provided Rack – Regular Hours	SRIR005	Install customer provided rack. Based on (1) customer provided 2 post rack and misc floor mounting hardware.
6	Double Sided Horizontal Wire Manager – Regular Hours	SRIR006	Install and provide horizontal wire manager. Based on CPI, Double Sided Horizontal Wire Manager, 30530-719 or equivalent.
7	Double Sided Vertical Wire Manager – Regular Hours	SRIR007	Install and provide vertical wire manager. Based on CPI, CCS Vertical Wire Management, 6" W X 7' H Double Sided, Black 30162-703 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
8	Install Customer Provided Wire Manager – Regular Hours	SRIR008	Install customer provided wire manager. Based on (1) customer provided 2RU horizontal wire manager.
9	Shelf (single sided 3U) – Regular Hours	SRIR009	Provide and Install each shelf (single sided 3U). Based on CPI, Single Sided Shelf, 3RMU, 40074-700 or equivalent.
10	Install Customer Provided Shelf – Regular Hours	SRIR010	Install customer provided shelf. Based on (1) customer provided rack mounted fixed shelf.
11	Hinged Wall Bracket – Regular Hours	SRIR011	Provide and install hinged wall bracket. Based on Commscope, Hinged Wall Bracket, 3.5"H X 19"W X 5"D, 1100C1-35-19 or equivalent.
12	Power Strip (4 outlets) – Regular Hours	SRIR012	Provide and Install each power strip (4 outlets). Based on TrippLite, Power Strip, 4 outlet, NEMA5-15R, 7OUT SRGE 7FT CRD or equivalent.
13	Ladder Rack and Support Hardware – Regular Hours	SRIR013	Provide and install up to 10' of 12" ladder rack and support hardware. Based on CPI, 12" X 10' Cable Runway, Black, 11275-712 and misc hardware or equivalent.; see line items B through G in this section for associated supporting hardware.
14	Communication Pole 10 feet – Regular Hours	SRIR014	Provide and install Communication pole 10 feet. Based on Wiremold, Comm Pole, 25DTC-410 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
15	Fire Rated Un-painted Plywood Backboard – Regular Hours	SRIR015	Provide and install 4' x 8' x 3/4" fire rated un-painted plywood backboard. Based on 3/4" X 4' X 8', Sheet Fire Rated Plywood, ACX or equivalent.
16	Wall Angle Support Kit – Regular Hours	SRIR016	Provide and install Wall Angle Support Kit, 12", Black. Based on CPI, Wall Angle Support Kit, 12", Black, 11421-712 or equivalent.
17	Rack to Runway Adapter Plate – Regular Hours	SRIR017	Provide and install 12" Rack to Runway Adapter Plate, Black. Based on CPI, 12" Rack to Runway Adapter Plate, Black, 10595-712 or equivalent.
18	Runway Support Brackets – Regular Hours	SRIR018	Provide and install Runway Support Brackets. Based on CPI, Runway Support Brackets, 11408-001 or equivalent.
19	Slip-on Support Bracket, Cable Runway – Regular Hours	SRIR019	Provide and install Slip-on Support Bracket, Cable Runway. Based on CPI, Slip-on Support Bracket, Cable Runway, 10873-001 or equivalent.
20	Protective End Caps for Runway, 1 Pair – Regular Hours	SRIR020	Provide and install Protective End Caps for Runway, 1 Pair. Based on CPI, Protective End Caps for Runway, 1 Pair, 10642-001 or equivalent.
21	CPE - Flush Mounted Wall Bracket (For Network Gear) – Regular Hours	SRIR021	Provide and install CPE - Flush Mounted Wall Bracket (For Network Gear); CPI 11583-719. Based on CPI, Flush Mounted Wall Bracket, 11583-719 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
22	Runway Junction-Splice Kit – Regular Hours	SRIR022	Provide and install runway Junction-Splice Kit. Based on CPI, Junction-Splice Kit, 16302-701 or equivalent.
23	Runway Butt-Splice Kit – Regular Hours	SRIR023	Provide and install runway Butt-Splice Kit. Based on CPI, Butt-Splice Kit, 16301-701 or equivalent.
24	Cube-iT 12U Wall Mount Cabinet – Regular Hours	SRIR024	Provide and install Cube-iT 12U Wall Mount Cabinet (24" deep, Tinted Window). Based on CPI, Cube-iT 12U Wall Mount Cabinet (24" deep, Tinted Window), 11900-724 or equivalent.
25	Cube-iT 24U Wall Mount Cabinet – Regular Hours	SRIR025	Provide and install Cube-iT 24U Wall Mount Cabinet (24" deep, Tinted window). Based on CPI, Cube-iT 24U Wall Mount Cabinet (24" deep, Tinted window, 11900-748 or equivalent.
26	Cube-iT Fan Kit – Regular Hours	SRIR026	Provide and install Cube-iT Fan Kit. Based on CPI, Cube-iT Fan Kit, 12804-701 or equivalent.
27	21U Swing Gate Rack– Regular Hours	SRIR027	Provide and install 21U Swing Gate Rack - Wall Mount 19in. Based on CPI, 21U Swing Gate Rack - Wall Mount 19in., 11791-725 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
28	120V/20A Circuit – Regular Hours	SRIR028	Provide and install (1) new 120V/20A circuit equipped with new isolated ground and (2) NEMA 5-20R outlets. Includes up to 75' of 1/2" EMT and circuit breaker. Must have clear pathways, existing electrical panel, vacant slot in existing panel for new circuit breaker and existing main ground buss for the isolated ground.
29	6-strand MM ISP fiber– Regular Hours	SRIR029	Provide and install 6-strand MM ISP fiber. Based on Corning, 6 Strand MM (OM3), OFNP, MIC, 006T88-31180-29 or equivalent.
30	6-strand SM ISP fiber – Regular Hours	SRIR030	Provide and install 6-strand SM ISP fiber. Based on Corning, 6 Strand SM (OS2), OFNP, MIC, 006E88-31131-29 or equivalent.
31	12-strand MM ISP fiber – Regular Hours	SRIR031	Provide and install 12-strand MM ISP fiber. Based on Corning, 12 Strand MM (OM3), OFNP, MIC, 012T88-33180-29 or equivalent.
32	12-strand SM ISP fiber – Regular Hours	SRIR032	Provide and install 12-strand SM ISP fiber. Based on Corning, 12 Strand SM (OS2), OFNP, MIC, 012E88-33131-29 or equivalent.
33	6-strand MM OSP Underground Fiber Freedm – Regular Hours	SRIR033	Provide and install 6-strand MM OSP underground fiber Freedm. Based on Corning, 6 MM (OM3) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 006TSP-T4180D20 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
34	6-strand SM OSP Underground Fiber Freedm – Regular Hours	SRIR034	Provide and install 6-strand SM OSP underground fiber Freedm. Based on Corning, 6 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 006ESP-T4101D20 or equivalent.
35	12-strand MM OSP Underground Fiber Freedm – Regular Hours	SRIR035	Provide and install 12-strand MM OSP underground fiber Freedm. Based on Corning, 12 MM (OM3) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 012TSP-T4180D20 or equivalent.
36	12-strand SM OSP Underground Fiber Freedm – Regular Hours	SRIR036	Provide and install 12-strand SM OSP underground fiber Freedm. Based on Corning, 12 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 012ESP-T4101D20 or equivalent.
37	24-strand SM OSP Underground Fiber ALTOS – Regular Hours	SRIR037	Provide and install 24-strand SM OSP underground fiber ALTOS. Based on Corning, 24 SM (OS2) fiber Optic Cable, ALTOS, Loose Tube, 024ZU4-T4F22D20 or equivalent.
38	48-strand SM OSP Underground Fiber ALTOS – Regular Hours	SRIR038	Provide and install 48-strand SM OSP underground fiber ALTOS. Based on Corning, 48 SM (OS2) fiber Optic Cable, ALTOS, Loose Tube, 048ZU4-T4F22D20 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
39	24-strand SM OSP Underground Fiber Freedom – Regular Hours	SRIR039	Provide and install 24-strand SM OSP underground fiber Freedom. Based on Corning, 24 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedom, Loose Tube, 024EWP-T4101D20 or equivalent.
40	48-strand SM OSP Underground Fiber Freedom – Regular Hours	SRIR040	Provide and install 48-strand SM OSP underground fiber Freedom. Based on Corning, 48 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedom, Loose Tube, 048EWP-T4101D20 or equivalent.
41	1" Innerduct Underground in Existing Duct – Regular Hours	SRIR041	Provide and install 1" innerduct underground in existing duct. Based on T&B, 1" innerduct, HDPE or equivalent.
42	1 1/4" Innerduct Underground in Existing Duct – Regular Hours	SRIR042	Provide and install 1 1/4" innerduct underground in existing duct. Based on T&B, 1-1/4" innerduct, HDPE or equivalent.
43	CAT3 25-Pair Copper ISP – Regular Hours	SRIR043	Provide and install 25-pair copper ISP. Based on Superior Essex, Cat3, 25 pair, CMP or equivalent.
44	25-Pair Copper Underground OSP – Regular Hours	SRIR044	Provide and install 25-pair copper underground OSP. Based on Superior Essex, 25 pair, OSP, PE 89, 24 AWG. or equivalent.
45	CAT3 50-Pair Copper ISP – Regular Hours	SRIR045	Provide and install 50-pair copper ISP. Based on Superior Essex, Cat3, 50 pair, CMP or equivalent.
46	50-Pair Copper Underground OSP – Regular Hours	SRIR046	Provide and install 50-pair copper underground OSP. Based on Superior Essex, 50 pair, OSP, PE 89, 24 AWG. or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
47	CAT3 100-Pair Copper ISP – Regular Hours	SRIR047	Provide and install 100-pair copper ISP. Based on Superior Essex, Cat3, 100 pair, CMP or equivalent.
48	100-Pair Copper Underground OSP – Regular Hours	SRIR048	Provide and install 100-pair copper underground OSP. Based on Superior Essex, 100 pair, OSP, PE 89, 24 AWG. or equivalent.
49	Manhole Set Up – Regular Hours	SRIR049	Manhole Set up. As required per Cal-OSHA; confined space entry.
50	1 1/4" CMP Innerduct, ISP, in Existing Duct – Regular Hours	SRIR050	Provide and install 1 1/4" CMP innerduct, ISP, in existing duct. Based on T&B, 1-1/4" innerduct, CMP or equivalent.
51	300' Cat 6 Copper ISP Circuit Extension – Regular Hours	SRIR051	Provide and install up to 300' Cat 6 copper ISP circuit extension. Based on Commscope, Cat6, CMP, 6504+ or equivalent.
52	300' Cat 6 Copper OSP Circuit Extension – Regular Hours	SRIR052	Provide and install up to 300' Cat 6 copper OSP circuit extension. Based on Commscope, Cat6, OSP, 6NF4+ or equivalent.
53	300' 25-Pair Copper ISP Circuit Extension – Regular Hours	SRIR053	Provide and install up to 300' 25-pair copper ISP circuit extension. Based on Superior Essex, Cat3, 25 pair, CMP or equivalent.
54	300' 25-Pair Copper OSP Circuit Extension – Regular Hours	SRIR054	Provide and install up to 300' 25-pair copper OSP circuit extension. Based on Superior Essex, 25 pair, OSP, PE 89, 24 AWG. or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
55	300' RG58 COAX ISP – Regular Hours	SRIR055	Provide and install up to 300' RG58 COAX ISP. Based on Belden, RG-58, CMP or equivalent.
56	300' RG62 COAX ISP – Regular Hours	SRIR056	Provide and install up to 300' RG62 COAX ISP. Based on Belden, RG-62, CMP or equivalent.
57	300' RG6 COAX ISP – Regular Hours	SRIR057	Provide and install up to 300' RG6 COAX ISP. Based on Belden, RG-6, CMP or equivalent.
58	300' Cat 6 Copper Indoor / Outdoor, CMR, Circuit Extension – Regular Hours	SRIR058	Provide and install up to 300' Cat 6 copper Indoor / Outdoor, CMR, circuit extension. Based on Mohawk, Cat6, Indoor/Outdoor, CMR, M58772 or equivalent.
59	25-Pair Protector – Regular Hours	SRIR059	Provide and install 25-pair protector. Based on Vertiv, 25 Pair Protector, 66in/66out, no cover, R66P25QC or equivalent.
60	50-Pair Protector – Regular Hours	SRIR060	Provide and install 50-pair protector. Based on Circa, 50 Pair Protector, 66in/66out, no cover, 2650QC/QC or equivalent.
61	100-Pair Protector – Regular Hours	SRIR061	Provide and install 100-pair protector. Based on Circa, 100 Pair Protector, 66in/66out, no cover, 26100QC/QC or equivalent.
62	4-Pair Protector – Regular Hours	SRIR062	Provide and install 4-pair protector. Based on ITW LINX, 4 Pair Protector, CAT6-75 or equivalent.
63	Protector Modules – Regular Hours	SRIR063	Provide and install protector modules. Based on Circa, Protector Module, 3B1E or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
64	66-Type Block 50 pair – Regular Hours	SRIR064	Provide and install 66-type Block 50 pair. Based on Siemon, 50 Pair 66 Block, M1-50 or equivalent.
65	110-Style Block 100 Pair Kit – Regular Hours	SRIR065	Provide and install 110-style block 100 pair kit. Based on Commscope, 100 Pair 110 Block Kit, 110AB2-100FT or equivalent.
66	Rack Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber – Regular Hours	SRIR066	Rack Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber. Based on Corning, 24 Port Rack Mount Enclosure, CCH-01U or equivalent.
67	Rack Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber – Regular Hours	SRIR067	Rack Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber. Based on Corning, 48 Port Rack Mount Enclosure, CCH-02U or equivalent.
68	Wall Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber – Regular Hours	SRIR068	Wall Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber. Based on Corning, 24 Port Wall Mount Enclosure, WCH-02P or equivalent.
69	Wall Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber – Regular Hours	SRIR069	Wall Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber. Based on Corning, 48 Port Wall Mount Enclosure, WCH-04P or equivalent.
70	6-Strand Connector Panel MM 50/125 SC – Regular Hours	SRIR070	6-strand connector panel MM 50/125 SC. Based on Corning, 6-strand connector panel MM 50/125 SC, CCH-CP06-E7 or equivalent.
71	6-Strand Connector Panel MM 50/125 LC – Regular Hours	SRIR071	6-strand connector panel MM 50/125 LC. Based on Corning, 6-strand connector panel MM 50/125 LC, CCH-CP06-E4 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
72	6-Strand Connector Panel MM 62.5/125 SC – Regular Hours	SRIR072	6-strand connector panel MM 62.5/125 SC. Based on Corning, 6-strand connector panel MM 62.5/125 SC, CCH-CP06-91 or equivalent.
73	6-Strand Connector Panel MM 62.5/125 LC – Regular Hours	SRIR073	6-strand connector panel MM 62.5/125 LC. Based on Corning, 6-strand connector panel MM 62.5/125 LC, CCH-CP06-A8 or equivalent.
74	12-Strand Connector Panel MM 50/125 SC – Regular Hours	SRIR074	12-strand connector panel MM 50/125 SC. Based on Corning, 12-strand connector panel MM 50/125 SC, CCH-CP12-E7 or equivalent.
75	12-Strand Connector Panel MM 50/125 LC – Regular Hours	SRIR075	12-strand connector panel MM 50/125 LC. Based on Corning, 12-strand connector panel MM 50/125 LC, CCH-CP12-E4 or equivalent.
76	12-Strand Connector Panel MM 62.5/125 SC – Regular Hours	SRIR076	12-strand connector panel MM 62.5/125 SC. Based on Corning, 12-strand connector panel MM 62.5/125 SC, CCH-CP12-91 or equivalent.
77	12-Strand Connector Panel MM 62.5/125 LC – Regular Hours	SRIR077	12-strand connector panel MM 62.5/125 LC. Based on Corning, 12-strand connector panel MM 62.5/125 LC, CCH-CP12-A8 or equivalent.
78	6-Strand Connector Panel SM SC – Regular Hours	SRIR078	6-strand connector panel SM SC. Based on Corning, 6-strand connector panel SM SC, CCH-CP06-59 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
79	6-Strand Connector Panel SM LC – Regular Hours	SRIR079	6-strand connector panel SM LC. Based on Corning, 6-strand connector panel SM LC, CCH-CP06-A9 or equivalent.
80	12-Strand Connector Panel SM SC – Regular Hours	SRIR080	12-strand connector panel SM SC. Based on Corning, 12-strand connector panel SM SC, CCH-CP12-59 or equivalent.
81	12-Strand Connector Panel SM LC – Regular Hours	SRIR081	12-strand connector panel SM LC. Based on Corning, 12-strand connector panel SM LC, CCH-CP12-A9 or equivalent.
82	SC Compatible 50µm Multimode Connector, Anaerobic (Material Only) – Regular Hours	SRIR082	SC Compatible 50µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
83	SC Compatible 62.5µm Multimode Connector, Anaerobic (Material Only) – Regular Hours	SRIR083	SC Compatible 62.5µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
84	SC Compatible Single Mode Connector, Anaerobic (Material Only) – Regular Hours	SRIR084	SC Compatible Single Mode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
85	LC Compatible 50µm Multimode Connector, Anaerobic (Material Only) – Regular Hours	SRIR085	LC Compatible 50µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
86	LC Compatible 62.5µm Multimode Connector, Anaerobic (Material Only) – Regular Hours	SRIR086	LC Compatible 62.5µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
87	LC Compatible Single Mode Connector, Anaerobic (Material Only) – Regular Hours	SRIR087	LC Compatible Single Mode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
88	RG-58 BNC Connector, Crimp Type, for CMP Cable – Regular Hours	SRIR088	RG-58 BNC Connector, Crimp Type, For CMP cable. Based on Allen-Tel, RG-58 BNC Connector, Crimp Type, For CMP cable, GBNC58-PH or equivalent.
89	RG-62 BNC Connector, Crimp Type, for CMP Cable – Regular Hours	SRIR089	RG-62 BNC Connector, Crimp Type, for CMP cable. Based on Allen-Tel, RG-62 BNC Connector, Crimp Type, for CMP cable, GBNC60-PO or equivalent.
90	RG-6 F Connector, Compression Type, for CMP Cable – Regular Hours	SRIR090	RG-6 F Connector, Compression Type, for CMP cable. Based on Allen-Tel, RG-6 F Connector, Compression Type, for CMP cable, CT746 or equivalent.
91	Fan Out Kit, 6 Strand – Regular Hours	SRIR091	Fan Out Kit, 6 Strand. Based on Corning, Fan Out Kit, 6 Strand, FAN-BT25-06 or equivalent.
92	Multimode 62.5/125 SC To SC 1 Meter Duplex Patch Cable – Regular Hours	SRIR092	Multimode 62.5/125 SC To SC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
93	Multimode 62.5/125 SC To SC 3 Meter Duplex Patch Cable – Regular Hours	SRIR093	Multimode 62.5/125 SC To SC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
94	Multimode 62.5/125 SC To LC 1 Meter Duplex Patch Cable – Regular Hours	SRIR094	Multimode 62.5/125 SC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
95	Multimode 62.5/125 SC To LC 3 Meter Duplex Patch Cable – Regular Hours	SRIR095	Multimode 62.5/125 SC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
96	Multimode 62.5/125 LC To LC 1 Meter Duplex Patch Cable – Regular Hours	SRIR096	Multimode 62.5/125 LC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
97	Multimode 62.5/125 LC To LC 3 Meter Duplex Patch Cable – Regular Hours	SRIR097	Multimode 62.5/125 LC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
98	Multimode 50/125 SC To SC 1 Meter Duplex Patch Cable – Regular Hours	SRIR098	Multimode 50/125 SC To SC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
99	Multimode 50/125 SC To SC 3 Meter Duplex Patch Cable – Regular Hours	SRIR099	Multimode 50/125 SC To SC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
100	Multimode 50/125 SC To LC 1 Meter Duplex Patch Cable – Regular Hours	SRIR100	Multimode 50/125 SC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
101	Multimode 50/125 SC To LC 3 Meter Duplex Patch Cable – Regular Hours	SRIR101	Multimode 50/125 SC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
102	Multimode 50/125 LC To LC 1 Meter Duplex Patch Cable – Regular Hours	SRIR102	Multimode 50/125 LC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord
103	Multimode 50/125 LC To LC 3 Meter Duplex Patch Cable – Regular Hours	SRIR103	Multimode 50/125 LC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
104	Single Mode 9/125 SC To SC 1 Meter Duplex Patch Cable – Regular Hours	SRIR104	Single Mode 9/125 SC To SC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
105	Single Mode 9/125 SC To SC 3 Meter Duplex Patch Cable – Regular Hours	SRIR105	Single Mode 9/125 SC To SC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
106	Single Mode 9/125 SC To LC 1 Meter Duplex Patch Cable – Regular Hours	SRIR106	Single Mode 9/125 SC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
107	Single Mode 9/125 SC To LC 3 Meter Duplex Patch Cable – Regular Hours	SRIR107	Single Mode 9/125 SC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
108	Single Mode 9/125 LC To LC 1 Meter Duplex Patch Cable – Regular Hours	SRIR108	Single Mode 9/125 LC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
109	Single Mode 9/125 LC To LC 3 Meter Duplex Patch Cable – Regular Hours	SRIR109	Single Mode 9/125 LC To LC 3 Meter Duplex Patch Cable. Based on Single Mode 9/125 LC To LC 3 Meter Patch Cable or equivalent.
110	SC to Pigtail 50µm Multimode, 1 Meter – Regular Hours	SRIR110	SC to pigtail 50µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
111	SC to Pigtail 62.5µm Multimode, 1 Meter – Regular Hours	SRIR111	SC to pigtail 62.5µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
112	SC to Pigtail Single Mode, 1 Meter – Regular Hours	SRIR112	SC to pigtail Single Mode, 1 Meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
113	LC to Pigtail 50µm Multimode, 1 Meter – Regular Hours	SRIR113	LC to pigtail 50µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
114	LC to Pigtail 62.5µm Multimode, 1 Meter – Regular Hours	SRIR114	LC to pigtail 62.5µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
115	LC to Pigtail Single Mode, 1 Meter – Regular Hours	SRIR115	LC to pigtail Single Mode, 1 Meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
116	SC Compatible 50µm Multimode Connector – Regular Hours	SRIR116	SC Compatible 50µm Multimode connector (material only). Based on Unicom; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
117	SC Compatible 62.5µm Multimode Connector – Regular Hours	SRIR117	SC Compatible 62.5µm Multimode connector (material only). Based on Unicom; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
118	SC Compatible Single Mode Connector – Regular Hours	SRIR118	SC Compatible Single Mode connector (material only). Based on Unicom; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
119	LC Compatible 50µm Multimode Connector – Regular Hours	SRIR119	LC Compatible 50µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
120	LC Compatible 62.5µm Multimode Connector – Regular Hours	SRIR120	LC Compatible 62.5µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
121	LC Compatible Single Mode Connector – Regular Hours	SRIR121	LC Compatible Single Mode connector (material only). Restrictions: must be ordered in conjunction with terminating and testing.
122	Fan Out Kit, 12 Strand – Regular Hours	SRIR122	Fan Out Kit, 12 Strand. Based on Corning, Fan Out Kit, 12 Strand, FAN-BT25-12 or equivalent.
123	Copper Cable Splicing, Termination and Testing Per Pair – Regular Hours	SRIR123	Copper cable splicing, termination and testing per pair (25 pair and larger). Based on 710 type copper splicing module or equivalent. As per industry practices splicing modules are used to splice 25 pair and larger.
124	Copper cable Termination Per Pair – Regular Hours	SRIR124	Copper cable termination per pair (25 pair and larger). Based on 66 type or 110 type terminations or equivalent.
125	Copper Cable Splicing Per Pair – Regular Hours	SRIR125	Copper cable splicing per pair (25 pair and larger). Based on 710 type copper splicing or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
126	Copper Cable Testing Per Pair – Regular Hours	SRIR126	Copper cable testing per pair (25 pair and larger). Based on continuity test only.
127	Fiber Splicing, Termination and Testing Per Strand (Both Ends) – Regular Hours	SRIR127	Fiber splicing, termination and testing per strand (both ends). Based on standard fusion splicing, per strand (both ends).
128	Fiber Termination Per Strand (One End) – Regular Hours	SRIR128	Fiber termination per strand (one end). Based on fiber termination per strand (one end).
129	Fiber Splicing Per Strand (One End) – Regular Hours	SRIR129	Fiber splicing per strand (one end). Based on standard fusion splicing, per strand (one end).
130	Fiber Testing Per Strand – Regular Hours	SRIR130	Fiber testing per strand. Based on power meter testing per strand.
131	4-pair CAT5e Termination and Testing – Regular Hours	SRIR131	4-pair CAT5e termination and testing.
132	4-pair Cat 6 Termination and Testing – Regular Hours	SRIR132	4-pair Cat 6 termination and testing.
133	4-pair Cat 6 Jacking – Regular Hours	SRIR133	4-pair Cat 6 jacking
134	4-pair Cat 6 Termination – Regular Hours	SRIR134	4-pair Cat 6 termination
135	4-pair Cat 6 Testing – Regular Hours	SRIR135	4-pair Cat 6 testing
136	4-pair Cat 6A Termination and Testing – Regular Hours	SRIR136	4-pair Cat 6A termination and testing
137	4-pair Cat 6A Jacking – Regular Hours	SRIR137	4-pair Cat 6A jacking
138	4-pair Cat 6A Termination – Regular Hours	SRIR138	4-pair Cat 6A Termination
139	4-pair Cat 6A Testing – Regular Hours	SRIR139	4-pair Cat 6A Testing

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
140	Single 4-Pair Cat 6 PVC Cable – Regular Hours	SRIR140	Install single 4-pair Cat 6 PVC cable for voice or data application. Based on Commscope, Cat6, CMR, 65N4+ or equivalent.
141	Single 4-Pair Cat 6 Plenum Cable – Regular Hours	SRIR141	Install single 4-pair Cat 6 plenum cable for voice or data application. Based on Commscope, Cat6, CMP, 6504+ or equivalent.
142	Single 4-Pair Cat 6 OSP Cable – Regular Hours	SRIR142	Install single 4-pair Cat 6 OSP cable for voice or data application. Based on Commscope, Cat6, OSP, 6NF4+ or equivalent.
143	Single 4-Pair Cat 6A PVC Cable – Regular Hours	SRIR143	Install single 4-pair Cat 6A PVC cable for voice or data application. Based on Commscope, Cat6A, CMR, 10GN4 or equivalent.
144	Single 4-Pair Cat 6A Plenum Cable – Regular Hours	SRIR144	Install single 4-pair Cat 6A plenum cable for voice or data application. Based on Commscope, Cat6A, CMP, 10G4 or equivalent.
145	Single 4-Pair Cat 6A OSP Cable – Regular Hours	SRIR145	Install single 4-pair Cat 6A OSP cable for voice or data application. Based on Mohawk, Cat6A, OSP, M59198 or equivalent.
146	Single 4-Pair Cat 6 Indoor / Outdoor CMR Cable – Regular Hours	SRIR146	Install single 4-pair Cat 6 Indoor / Outdoor CMR cable for voice or data application. Based on Mohawk, Cat6, Indoor/Outdoor, CMR, M58772 or equivalent.
147	Single 4-Pair Cat 6A Indoor / Outdoor CMR Cable – Regular Hours	SRIR147	Install single 4-pair Cat 6A Indoor / Outdoor CMR cable for voice or data application. Based on Mohawk, Cat6A, Indoor/Outdoor, CMR, M59202 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
148	24-Port Unloaded Cat 6A Patch Panel – Regular Hours	SRIR148	Provide and install one 24-port unloaded Cat 6A Patch Panel. Based on Commscope, 24 Port Cat6A Modular (Jack Type) Panel, Unloaded, M2000-24 1U or equivalent.
149	48-Port Unloaded Cat 6A Patch Panel – Regular Hours	SRIR149	Provide and install one 48-port unloaded Cat 6A Patch Panel. Based on Commscope, 48 Port Cat6A Modular (Jack Type) Panel, Unloaded, M2000-48 2U or equivalent.
150	24-Port Cat 6 Patch Panel – Regular Hours	SRIR150	Provide and install new 24-port Cat 6 patch panel. Based on Commscope, 24 Port Cat6 Patch Panel, UNP-U-610-1U-24 or equivalent.
151	48-Port Cat 6 Patch Panel – Regular Hours	SRIR151	Provide and install new 48-port Cat 6 patch panel. Based on Commscope, 48 Port Cat6 Patch Panel, UNP-U-610-2U-48 or equivalent.
152	24-Port Cat 6A Patch Panel – Regular Hours	SRIR152	Provide and install new 24-port Cat 6A patch panel. Based on Commscope, 24 Port Cat6A Patch Panel, UNP-U-10G-1U-24 or equivalent.
153	48-Port Cat 6A Patch Panel – Regular Hours	SRIR153	Provide and install new 48-port Cat 6A patch panel. Based on Commscope, 48 Port Cat6A Patch Panel, UNP-U-10G-2U-48 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
154	12-Port Cat 6 Patch Panel – Regular Hours	SRIR154	Provide and install new 12-port Cat 6 patch panel. Based on Commscope, 12 Port Cat6 Patch Panel, UNP610-WM-12P or equivalent.
155	Face Plate Plastic – Regular Hours	SRIR155	Provide and install face plate plastic. Based on Commscope, 4 Port Faceplate, Plastic, M14L or equivalent.
156	Modular Furniture Device Plate – Regular Hours	SRIR156	Provide and install modular furniture device plate. Based on Commscope, Modular Furniture Faceplate, M14C or equivalent.
157	4-Port Stainless Steel Faceplate – Regular Hours	SRIR157	Provide and install 4-port stainless steel faceplate. Based on Commscope, 4 Port Faceplate, Stainless Steel, M14SP or equivalent.
158	6-Port Stainless Steel Faceplate – Regular Hours	SRIR158	Provide and install 6-port stainless steel faceplate. Based on Commscope, 6 Port Faceplate, Stainless Steel, M16SP-L or equivalent.
159	Cat 6 Jack Insert – Regular Hours	SRIR159	Cat 6 jack insert. Based on Commscope, Cat 6 jack insert, UNJ600 or equivalent.
160	Cat 6A Jack Insert – Regular Hours	SRIR160	Cat 6A jack insert. Based on Commscope, Cat 6A jack insert, UNJ10G or equivalent.
161	3' Cat 5e Patch Cord – Regular Hours	SRIR161	3' Cat 5e patch cord. Based on Allen-Tel, 3' Cat 5e patch cord, AT1503EV-BU or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
162	10' Cat 5e Patch Cord – Regular Hours	SRIR162	10' Cat 5e patch cord. Based on Allen-Tel, 10' Cat 5e patch cord, AT1510EV-BU or equivalent.
163	3' Cat 6 Patch Cord – Regular Hours	SRIR163	3' Cat 6 patch cord. Based on Allen-Tel, 3' Cat 6 patch cord, AT1603-BU or equivalent.
164	10' Cat 6 Patch Cord – Regular Hours	SRIR164	10' Cat 6 patch cord. Based on Allen-Tel, 10' Cat 6 patch cord, AT1610- BU or equivalent.
165	Velcro Ties – Regular Hours	SRIR165	Velcro Ties (roll 25 yards). Based on Velcro USA, Velcro Ties (roll 25 yards), 3/4", non-plenum rated, 189645 or equivalent.
166	6.5" Fiber Splice Closure – Regular Hours	SRIR166	Fiber splice closure. Based on Preformed, Fiber splice closure 6.5" x 22", 8006560 or equivalent.
167	Fiber Splice Tray – Regular Hours	SRIR167	Fiber splice tray. Based on Preformed, Fiber splice tray, 36 Strand, 80805110 or equivalent.
168	Copper Splice Case 4.0x25 – Regular Hours	SRIR168	Copper splice case 4.0x25. Based on Preformed, Copper splice case, SS, 4.0" x 25", 8000624 or equivalent.
169	Copper Splice Case 6.5x28 – Regular Hours	SRIR169	Copper splice case 6.5x28. Based on Preformed, Copper splice case, SS, 6.5" x 28", 8000626 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
170	Copper Splice Module 25 Pair (Material Only) – Regular Hours	SRIR170	Copper splice module 25 pair (material only). Based on 3M, Copper splice module 25 pair, 710, 3M710-TCL-25 or equivalent. Restrictions: must be ordered in conjunction with copper splicing and testing.
171	Standoff Bracket for 66 Block (Material Only) – Regular Hours	SRIR171	Standoff Bracket for 66 Block (Material Only). Based on Siemon, Standoff Bracket, S89B or equivalent. Restrictions: must be ordered in conjunction with 66-type Block.
172	Rod & Rope Conduit – Regular Hours	SRIR172	Rod & rope conduit. Pull string or rope provided by contractor. Rope will be sized appropriately to cable.
173	Stick (10') of 1" EMT & Three (3) 2-Hole Straps – Regular Hours	SRIR173	Provide and install one stick (10') of 1" EMT & three (3) 2-hole straps
174	Stick (10') of 1 1/4" EMT & Three (3) 2-Hole Straps – Regular Hours	SRIR174	Provide and install one stick (10') of 1 1/4" EMT & three (3) 2-hole straps
175	Stick (10') of 2" EMT Three (3) 2-Hole Straps – Regular Hours	SRIR175	Provide and install one stick (10') of 2" EMT & three (3) 2-hole straps
176	Stick (10') of 1" Rigid & Three (3) 2-Hole Straps – Regular Hours	SRIR176	Provide and install one stick (10') of 1" Rigid & three (3) 2-hole straps
177	Stick (10') of 1 1/4" Rigid & Three (3) 2-Hole Straps – Regular Hours	SRIR177	Provide and install one stick (10') of 1 1/4" Rigid & three (3) 2-hole straps
178	Stick (10') of 2" Rigid & Three (3) 2-Hole Straps – Regular Hours	SRIR178	Provide and install one stick (10') of 2" Rigid & three (3) 2-hole straps

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
179	1" EMT Stub – Regular Hours	SRIR179	Provide and install one 1" EMT Stub up from device box to above ceiling and straps, connector and bushing. Assumes walls shall be open new construction or surface mount on existing walls; does not include opening or closing of walls.
180	1" 2-Hole Strap, EMT – Regular Hours	SRIR180	1" 2-Hole Strap, EMT
181	1" Bushing, EMT – Regular Hours	SRIR181	1" Bushing, EMT
182	1" Compression Connector, EMT – Regular Hours	SRIR182	1" Compression Connector, EMT
183	1" Compression Coupler, EMT – Regular Hours	SRIR183	1" Compression Coupler, EMT
184	1" Unistrut Clamp, EMT – Regular Hours	SRIR184	1" Unistrut Clamp, EMT
185	2" 2-Hole Strap, EMT – Regular Hours	SRIR185	2" 2-Hole Strap, EMT
186	2" Bushing, EMT – Regular Hours	SRIR186	2" Bushing, EMT
187	2" Compression Connector, EMT – Regular Hours	SRIR187	2" Compression Connector, EMT
188	2" Compression Coupler, EMT – Regular Hours	SRIR188	2" Compression Coupler, EMT
189	2" Unistrut Clamp, EMT – Regular Hours	SRIR189	2" Unistrut Clamp, EMT
190	3" 2-Hole Strap, EMT – Regular Hours	SRIR190	3" 2-Hole Strap, EMT
191	3" Bushing, EMT – Regular Hours	SRIR191	3" bushing, EMT
192	3" Compression Connector, EMT – Regular Hours	SRIR192	3" Compression Connector, EMT
193	3" Compression Coupler, EMT – Regular Hours	SRIR193	3" Compression Coupler, EMT

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
194	3" Unistrut Clamp, EMT – Regular Hours	SRIR194	3" Unistrut Clamp, EMT
195	4" 2-Hole Strap, EMT – Regular Hours	SRIR195	4" 2-Hole Strap, EMT
196	4" Bushing, EMT – Regular Hours	SRIR196	4" Bushing, EMT
197	4" Compression Connector, EMT – Regular Hours	SRIR197	4" Compression Connector, EMT
198	4" Compression Coupler, EMT – Regular Hours	SRIR198	4" Compression Coupler, EMT
199	4" Unistrut Clamp, EMT – Regular Hours	SRIR199	4" Unistrut Clamp, EMT
200	1" 2-Hole Strap, Rigid – Regular Hours	SRIR200	1" 2-Hole Strap, Rigid
201	1" Bushing, Rigid – Regular Hours	SRIR201	1" Bushing, Rigid
202	1" Compression Connector, Rigid – Regular Hours	SRIR202	1" Compression Connector, Rigid
203	1" Compression Coupler, Rigid – Regular Hours	SRIR203	1" Compression Coupler, Rigid
204	1" Unistrut Clamp, Rigid – Regular Hours	SRIR204	1" Unistrut Clamp, Rigid
205	2" 2-Hole Strap, Rigid – Regular Hours	SRIR205	2" 2-Hole Strap, Rigid
206	2" Bushing, Rigid – Regular Hours	SRIR206	2" Bushing, Rigid
207	2" Compression Connector, Rigid – Regular Hours	SRIR207	2" Compression Connector, Rigid
208	2" Compression Coupler, Rigid – Regular Hours	SRIR208	2" Compression Coupler, Rigid
209	2" Unistrut Clamp, Rigid – Regular Hours	SRIR209	2" Unistrut Clamp, Rigid
210	2" J-Hook w/ Multi-Purpose Clip – Regular Hours	SRIR210	2" J-Hook w/ Multi-Purpose Clip
211	Bell Box – Regular Hours	SRIR211	Bell box (raco 5387-0)
212	8"x8"x6" Pull Box NEMA 1 – Regular Hours	SRIR212	8"x8"x6" Pull Box NEMA 1

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
213	12"x12"x8" NEMA – 1 Junction Box NEMA 1 – Regular Hours	SRIR213	12"x12"x8" NEMA – 1 Junction Box NEMA 1
214	12"x12"x8" NEMA – 1 Junction Box NEMA 3 – Regular Hours	SRIR214	12"x12"x8" NEMA – 1 Junction Box NEMA 3
215	Install Customer Provided WAP – Regular Hours	SRIR215	Install customer provided WAP (Wireless Access Point); (does not include configuration). Assumes customer provided WAP includes installation kit. Installation shall be limited to either drop ceiling or wall mount type installation; no custom installation.
216	WAP Enclosure – Regular Hours	SRIR216	Provide and install WAP (Wireless Access Point) Enclosure. Based on Oberon, WAP (Wireless Access Point) Enclosure, 1024-00 or equivalent.
217	Install Customer Provided Camera – Regular Hours	SRIR217	Install customer provided Camera (does not include configuration). Customer is responsible for location and orientation of cameras. Only for CCTV system, not for public emergency systems.
218	Install Customer Provided Paging Speaker - Drop Tile Ceiling – Regular Hours	SRIR218	Install Customer Provided Paging Speaker - Drop Tile Ceiling
219	Unistrut Slotted 7/8" – Regular Hours	SRIR219	Unistrut Slotted 7/8"
220	1" Unistrut Straps – Regular Hours	SRIR220	1" Unistrut Straps
221	2" Unistrut Straps – Regular Hours	SRIR221	2" Unistrut Straps
222	1" EMT Sleeve – Regular Hours	SRIR222	1" EMT sleeve (core or penetration not included)

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
223	2" EMT Sleeve – Regular Hours	SRIR223	2" EMT sleeve (core or penetration not included)
224	3" EMT Sleeve – Regular Hours	SRIR224	3" EMT sleeve (core or penetration not included)
225	4" EMT Sleeve – Regular Hours	SRIR225	4" EMT sleeve (core or penetration not included)
226	8"x8"x6" Pull Box NEMA R3 – Regular Hours	SRIR226	8"x8"x6" Pull Box NEMA R3
227	18"x18"x8" Pull Box NEMA R3 – Regular Hours	SRIR227	18"x18"x8" Pull Box NEMA R3
228	24"x24"x8" Pull Box NEMA R3 – Regular Hours	SRIR228	24"x24"x8" Pull Box NEMA R3
229	2" Entrance Fitting (Weatherhead)	SRIR229	2" Entrance Fitting (Weatherhead)
230	2" Set Screw Connector, EMT – Regular Hours	SRIR230	2" Set Screw Connector, EMT
231	2" Set Screw Coupling, EMT – Regular Hours	SRIR231	2" Set Screw Coupling, EMT
232	Stick (10') of 3" EMT & Three (3) 2-Hole Straps – Regular Hours	SRIR232	Provide and install one stick (10') of 3" EMT & three (3) 2-hole straps
233	3" Set Screw Connector, EMT – Regular Hours	SRIR233	3" Set Screw Connector, EMT
234	3" Set Screw Coupling, EMT – Regular Hours	SRIR234	3" Set Screw Coupling, EMT
235	Stick (10') of 4" EMT & Three (3) 2-Hole Straps – Regular Hours	SRIR235	Provide and install one stick (10') of 4" EMT & three (3) 2-hole straps
236	4" Set Screw Connector, EMT – Regular Hours	SRIR236	4" Set Screw Connector, EMT
237	4" Set Screw Coupling, EMT – Regular Hours	SRIR237	4" Set Screw Coupling, EMT
238	Unistrut Slotted 1-5/8" – Regular Hours	SRIR238	Unistrut Slotted 1-5/8"
239	Surface Mount Box – Regular Hours	SRIR239	Surface mount box; based on 4S, J-Box or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
240	LD10 Surface Mount Raceway, 6 Foot Section – Regular Hours	SRIR240	Provide and install LD10 Surface Mount Raceway, 6 Foot Section. Based on Panduit, LD10 Surface Mount Raceway, 6 Foot Section, LD10IW6-A or equivalent.
241	LD10 Coupler – Regular Hours	SRIR241	Provide and install LD10 Coupler. Based on Panduit, LD10 Coupler, CFX10IW-X or equivalent.
242	LD10 Right Angle – Regular Hours	SRIR242	Provide and install LD10 Right Angle. Based on Panduit, LD10 Right Angle, RAFC10IW-X or equivalent.
243	LD10 Inside Corner – Regular Hours	SRIR243	Provide and install LD10 Inside Corner. Based on Panduit, LD10 Inside Corner, ICFC10IW-X or equivalent.
244	LD10 Outside Corner – Regular Hours	SRIR244	Provide and install LD10 Outside Corner. Based on Panduit, LD10 Outside Corner, OCF10IW-X or equivalent.
245	LD10 Tee – Regular Hours	SRIR245	Provide and install LD10 Tee. Based on Panduit, LD10 Tee, TFC10IW-X or equivalent.
246	LD10 Drop Ceiling Entrance – Regular Hours	SRIR246	Provide and install LD10 Drop Ceiling Entrance. Based on Panduit, LD10 Drop Ceiling Entrance, DCF10IW-X or equivalent.
247	Plastic Single Gang Box, Deep – Regular Hours	SRIR247	Provide and install Plastic Single Gang Box, Deep. Based on Panduit, Plastic Single Gang Box, Deep, JB1DIW-A or equivalent.
248	Core Drilling, 1" Hole – Regular Hours	SRIR248	Core Drilling, 1" Hole
249	Core Drilling, 2" Hole – Regular Hours	SRIR249	Core Drilling, 2" Hole

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
250	Core Drilling, 3" Hole	SRIR250	Core Drilling, 3" Hole
251	Core Drilling, 4" Hole – Regular Hours	SRIR251	Core Drilling, 4" Hole
252	Wall Penetration - Drywall – Regular Hours	SRIR252	Wall penetration – drywall. Includes 1 single gang mud ring only.
253	Scissor Lift Rental (20') – Regular Hours	SRIR253	Scissor Lift Rental (20') (Includes daily rate, pickup and delivery fees). Technician use of lift shall meet CAL OSHA standards.
254	Fire Seal Penetration, 1" Hole – Regular Hours	SRIR254	Fire Seal Penetration, 1" Hole
255	Fire Seal Penetration, 2" Hole – Regular Hours	SRIR255	Fire Seal Penetration, 2" Hole
256	Fire Seal Penetration, 3" Hole – Regular Hours	SRIR256	Fire Seal Penetration, 3" Hole
257	Fire Seal Penetration, 4" Hole – Regular Hours	SRIR257	Fire Seal Penetration, 4" Hole
258	Firestop, Moldable Putty Stick (Material Only) – Regular Hours	SRIR258	Firestop, Moldable Putty Stick (Material Only). Restrictions: must be ordered in conjunction with Fire Seal Penetration.
259	Demolish, Remove, Wreck Cabling - Inside Wiring - Per Cable – Regular Hours	SRIR259	Demolish, Remove, Wreck Cabling - Inside Wiring - Per Cable. Salvage value to be forfeited by client.
260	Demolish, Remove, Wreck Equipment - Ancillaries Component – Regular Hours	SRIR260	Demolish, Remove, Wreck Equipment - Ancillaries Component (Ex: Patch panel, Rack, Etc). Does not include removal and disposal of batteries or UPS.
261	Relocate Existing Telephone Handset – Regular Hours	SRIR261	Relocate existing telephone handset (same HC/TC on existing cabling) - includes cross-connect, testing, and documentation. Includes up to 20' of 1 pair cross-connect wire

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
262	Install New Cross-Connect – Regular Hours	SRIR262	Install new cross-connect. Includes up to 20' of 1 pair cross-connect wire.
263	Locate and Identify Circuit – Regular Hours	SRIR263	Locate and Identify circuit - includes tone and tag and document.
264	# 6 AWG Conductor – Regular Hours	SRIR264	Provide and install # 6 AWG conductor to existing building electrode system. This is the approved gauge conductor per code; building must have existing ground electrode system to bond to.
265	Busbar (TMGB Busbar) – Regular Hours	SRIR265	Provide and install Busbar (TMGB Busbar). This is the approved telecom busbar.
266	Bonding Conduit - 1/2" EMT – Regular Hours	SRIR266	Bonding Conduit - 1/2" EMT. This conduit is required when ground conductor traverses interior of building.
267	Performance Bond Fee – Regular Hours	SRIR269	Performance Bond Fee
268	AHJ Permit Fee – Regular Hours	SRIR270	AHJ Permit Fee
269	Permit Handling Fee – Regular Hours	SRIR271	Permit Handling Fee. Handling Fee Only
270	Service Entrance Adjustable Wire Holder (Clamp on) – Regular Hours	SRIR272	Service Entrance Adjustable Wire Holder (Clamp on)
271	Cube-iT 19U Wall Mount Cabinet (24" deep, Tinted window)- Regular Hours	SRIR273	Cube-iT 19U Wall Mount Cabinet (24" deep, Tinted window)
272	Cube-iT Replacement Filter Kit– Regular Hours	SRIR274	Cube-iT Replacement Filter Kit
273	26"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure– Regular Hours	SRIR275	26"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure
274	36"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure– Regular Hours	SRIR276	36"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
275	Thinline II Duplex Receptacle Surge-Suppressed– Regular Hours	SRIR277	Thinline II Duplex Receptacle Surge-Suppressed
276	Thinline II Intelligent Fan kit– Regular Hours	SRIR278	Thinline II Intelligent Fan kit
277	14.5"Hx23.63"Wx17.7"D SmartRack Low Profile 6U Locking Wall Enclosure– Regular Hours	SRIR279	14.5"Hx23.63"Wx17.7"D SmartRack Low Profile 6U Locking Wall Enclosure
278	1-1/4" CMR innerduct – Regular Hours	SRIR289	1-1/4" CMR innerduct
279	Multimode 62.5/125 SC To SC 10 Meter Duplex Patch Cable – Regular Hours	SRIR296	Multimode 62.5/125 SC To SC 10 Meter Duplex Patch Cable
280	Multimode 62.5/125 SC To LC 10 Meter Duplex Patch Cable – Regular Hours	SRIR298	Multimode 62.5/125 SC To LC 10 Meter Duplex Patch Cable
281	Multimode 62.5/125 LC To LC 10 Meter Duplex Patch Cable – Regular Hours	SRIR300	Multimode 62.5/125 LC To LC 10 Meter Duplex Patch Cable
282	Multimode 50/125 SC To SC 10 Meter Duplex Patch Cable – Regular Hours	SRIR302	Multimode 50/125 SC To SC 10 Meter Duplex Patch Cable
283	Multimode 50/125 SC To LC 10 Meter Duplex Patch Cable– Regular Hours	SRIR304	Multimode 50/125 SC To LC 10 Meter Duplex Patch Cable
284	Multimode 50/125 LC To LC 10 Meter Duplex Patch Cable – Regular Hours	SRIR306	Multimode 50/125 LC To LC 10 Meter Duplex Patch Cable
285	Single Mode 9/125 SC To SC 10 Meter Duplex Patch Cable – Regular Hours	SRIR308	Single Mode 9/125 SC To SC 10 Meter Duplex Patch Cable
286	Single Mode 9/125 SC To LC 10 Meter Duplex Patch Cable – Regular Hours	SRIR310	Single Mode 9/125 SC To LC 10 Meter Duplex Patch Cable
287	Single Mode 9/125 LC To LC 10 Meter Duplex Patch Cable – Regular Hours	SRIR312	Single Mode 9/125 LC To LC 10 Meter Duplex Patch Cable
288	Surface Mount Box (SMB), 1-4 Port – Regular Hours	SRIR320	Surface Mount Box (SMB), 1-4 Port
289	5' Cat 5e patch cord – Regular Hours	SRIR322	5' Cat 5e patch cord

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
290	7' Cat 5e patch cord – Regular Hours	SRIR323	7' Cat 5e patch cord
291	5' Cat 6 patch cord – Regular Hours	SRIR326	5' Cat 6 patch cord
292	7' Cat 6 patch cord – Regular Hours	SRIR327	7' Cat 6 patch cord
293	15' Cat 6 patch cord – Regular Hours	SRIR328	15' Cat 6 patch cord
294	25' Cat 6 patch cord – Regular Hours	SRIR329	25' Cat 6 patch cord
295	Pencil Rod (for J-Hook mounting) – Regular Hours	SRIR339	Pencil Rod (for J-Hook mounting)
296	Stringer wire (for j-hook mounting) – Regular Hours	SRIR340	Stringer wire (for j-hook mounting)
297	1" Chase Nipple– Regular Hours	SRIR341	1" Chase Nipple
298	4" Chase Nipple– Regular Hours	SRIR343	4" Chase Nipple
299	8" Round White Ceiling Paging Speaker– Regular Hours	SRIR370	8" Round White Ceiling Paging Speaker
300	Paging Speaker Bridge Backbox Combo– Regular Hours	SRIR371	Paging Speaker Bridge Backbox Combo
301	Paging Speaker Volume Control– Regular Hours	SRIR372	Paging Speaker Volume Control
302	Install Patch Cord (fiber or copper), up to 25', Labor Only– Regular Hours	SRIR375	Install Patch Cord (fiber or copper), up to 25', Labor Only
303	Relocate existing cable-Per Cable (Cat5e, Cat6, Cat6A), Labor Only– Regular Hours	SRIR376	Relocate existing cable-Per Cable (Cat5e, Cat6, Cat6A), Labor Only
304	20" Grounding Buss Bar with TMGB Pattern – Regular Hours	SRIR378	20" Grounding Buss Bar with TMGB Pattern
305	1/4" Compression Grounding Lugs – Regular Hours	SRIR379	1/4" Compression Grounding Lugs

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
306	#6 terminal lug – Regular Hours	SRIR380	#6 terminal lug
307	Install Customer Provided UPS – Overtime Hours	SRIT001	Install customer provided UPS. Based on (1) customer provided 4RU rack mounted UPS, standard electrical connections, no electrical work required.
308	48-Port Switch (Patch Cords) – Overtime Hours	SRIT002	Cable 48-port switch (patch cords). Based on (48) Allen-Tel, 10' Cat 6 patch cord, AT1610-BU, Per 48 port switch.
309	7' 2-Post Rack – Overtime Hours	SRIT003	Provide and install 7' 4-post rack. Based on CPI, 7' X 19" - 4 Post Rack, Black, 50120-703 or equivalent.
310	7' 4-Post Rack – Overtime Hours	SRIT004	Provide and install 7' 4-post rack. Based on CPI, 7' X 19" - 4 Post Rack, Black, 50120-703 or equivalent.
311	Install Customer Provided Rack– Overtime Hours	SRIT005	Install customer provided rack. Based on (1) customer provided 2 post rack and misc floor mounting hardware.
312	Double Sided Horizontal Wire Manager– Overtime Hours	SRIT006	Install and provide horizontal wire manager. Based on CPI, Double Sided Horizontal Wire Manager, 30530-719 or equivalent.
313	Double Sided Vertical Wire Manager– Overtime Hours	SRIT007	Install and provide vertical wire manager. Based on CPI, CCS Vertical Wire Management, 6" W X 7' H Double Sided, Black 30162-703 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
314	Install Customer Provided Wire Manager – Overtime Hours	SRIT008	Install customer provided wire manager. Based on (1) customer provided 2RU horizontal wire manager.
315	Shelf (single sided 3U) – Overtime Hours	SRIT009	Provide and Install each shelf (single sided 3U). Based on CPI, Single Sided Shelf, 3RMU, 40074-700 or equivalent.
316	Install Customer Provided Shelf – Overtime Hours	SRIT010	Install customer provided shelf. Based on (1) customer provided rack mounted fixed shelf.
317	Hinged Wall Bracket – Overtime Hours	SRIT011	Provide and install hinged wall bracket. Based on Commscope, Hinged Wall Bracket, 3.5"H X 19"W X 5"D, 1100C1-35-19 or equivalent.
318	Power Strip (4 outlets) – Overtime Hours	SRIT012	Provide and Install each power strip (4 outlets). Based on TrippLite, Power Strip, 4 outlet, NEMA5-15R, 7OUT SRGE 7FT CRD or equivalent.
319	Ladder Rack and Support Hardware – Overtime Hours	SRIT013	Provide and install up to 10' of 12" ladder rack and support hardware. Based on CPI, 12" X 10' Cable Runway, Black, 11275-712 and misc hardware or equivalent.; see line items B through G in this section for associated supporting hardware.
320	Communication Pole 10 feet – Overtime Hours	SRIT014	Provide and install Communication pole 10 feet. Based on Wiremold, Comm Pole, 25DTC-410 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
321	Fire Rated Un-painted Plywood Backboard – Overtime Hours	SRIT015	Provide and install 4' x 8' x 3/4" fire rated un-painted plywood backboard. Based on 3/4" X 4' X 8', Sheet Fire Rated Plywood, ACX or equivalent.
322	Wall Angle Support Kit – Overtime Hours	SRIT016	Provide and install Wall Angle Support Kit, 12", Black. Based on CPI, Wall Angle Support Kit, 12", Black, 11421-712 or equivalent.
323	Rack to Runway Adapter Plate – Overtime Hours	SRIT017	Provide and install 12" Rack to Runway Adapter Plate, Black. Based on CPI, 12" Rack to Runway Adapter Plate, Black, 10595-712 or equivalent.
324	Runway Support Brackets – Overtime Hours	SRIT018	Provide and install Runway Support Brackets. Based on CPI, Runway Support Brackets, 11408-001 or equivalent.
325	Slip-on Support Bracket, Cable Runway – Overtime Hours	SRIT019	Provide and install Slip-on Support Bracket, Cable Runway. Based on CPI, Slip-on Support Bracket, Cable Runway, 10873-001 or equivalent.
326	Protective End Caps for Runway, 1 Pair – Overtime Hours	SRIT020	Provide and install Protective End Caps for Runway, 1 Pair. Based on CPI, Protective End Caps for Runway, 1 Pair, 10642-001 or equivalent.
327	CPE - Flush Mounted Wall Bracket (For Network Gear) – Overtime Hours	SRIT021	Provide and install CPE - Flush Mounted Wall Bracket (For Network Gear); CPI 11583-719. Based on CPI, Flush Mounted Wall Bracket, 11583-719 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
328	Runway Junction-Splice Kit – Overtime Hours	SRIT022	Provide and install runway Junction-Splice Kit. Based on CPI, Junction-Splice Kit, 16302-701 or equivalent.
329	Runway Butt-Splice Kit – Overtime Hours	SRIT023	Provide and install runway Butt-Splice Kit. Based on CPI, Butt-Splice Kit, 16301-701 or equivalent.
330	Cube-iT 12U Wall Mount Cabinet – Overtime Hours	SRIT024	Provide and install Cube-iT 12U Wall Mount Cabinet (24" deep, Tinted Window). Based on CPI, Cube-iT 12U Wall Mount Cabinet (24" deep, Tinted Window), 11900-724 or equivalent.
331	Cube-iT 24U Wall Mount Cabinet – Overtime Hours	SRIT025	Provide and install Cube-iT 24U Wall Mount Cabinet (24" deep, Tinted window). Based on CPI, Cube-iT 24U Wall Mount Cabinet (24" deep, Tinted window, 11900-748 or equivalent.
332	Cube-iT Fan Kit – Overtime Hours	SRIT026	Provide and install Cube-iT Fan Kit. Based on CPI, Cube-iT Fan Kit, 12804-701 or equivalent.
333	21U Swing Gate Rack – Overtime Hours	SRIT027	Provide and install 21U Swing Gate Rack - Wall Mount 19in. Based on CPI, 21U Swing Gate Rack - Wall Mount 19in., 11791-725 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
334	120V/20A Circuit – Overtime Hours	SRIT028	Provide and install (1) new 120V/20A circuit equipped with new isolated ground and (2) NEMA 5-20R outlets. Includes up to 75' of 1/2" EMT and circuit breaker. Must have clear pathways, existing electrical panel, vacant slot in existing panel for new circuit breaker and existing main ground buss for the isolated ground.
335	6-strand MM ISP fiber– Overtime Hours	SRIT029	Provide and install 6-strand MM ISP fiber. Based on Corning, 6 Strand MM (OM3), OFNP, MIC, 006T88-31180-29 or equivalent.
336	6-strand SM ISP fiber – Overtime Hours	SRIT030	Provide and install 6-strand SM ISP fiber. Based on Corning, 6 Strand SM (OS2), OFNP, MIC, 006E88-31131-29 or equivalent.
337	12-strand MM ISP fiber – Overtime Hours	SRIT031	Provide and install 12-strand MM ISP fiber. Based on Corning, 12 Strand MM (OM3), OFNP, MIC, 012T88-33180-29 or equivalent.
338	12-strand SM ISP fiber – Overtime Hours	SRIT032	Provide and install 12-strand SM ISP fiber. Based on Corning, 12 Strand SM (OS2), OFNP, MIC, 012E88-33131-29 or equivalent.
339	6-strand MM OSP Underground Fiber Freedm – Overtime Hours	SRIT033	Provide and install 6-strand MM OSP underground fiber Freedm. Based on Corning, 6 MM (OM3) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 006TSP-T4180D20 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
340	6-strand SM OSP Underground Fiber Freedm – Overtime Hours	SRIT034	Provide and install 6-strand SM OSP underground fiber Freedm. Based on Corning, 6 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 006ESP-T4101D20 or equivalent.
341	12-strand MM OSP Underground Fiber Freedm – Overtime Hours	SRIT035	Provide and install 12-strand MM OSP underground fiber Freedm. Based on Corning, 12 MM (OM3) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 012TSP-T4180D20 or equivalent.
342	12-strand SM OSP Underground Fiber Freedm – Overtime Hours	SRIT036	Provide and install 12-strand SM OSP underground fiber Freedm. Based on Corning, 12 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 012ESP-T4101D20 or equivalent.
343	24-strand SM OSP Underground Fiber ALTOS – Overtime Hours	SRIT037	Provide and install 24-strand SM OSP underground fiber ALTOS. Based on Corning, 24 SM (OS2) fiber Optic Cable, ALTOS, Loose Tube, 024ZU4-T4F22D20 or equivalent.
344	48-strand SM OSP Underground Fiber ALTOS – Overtime Hours	SRIT038	Provide and install 48-strand SM OSP underground fiber ALTOS. Based on Corning, 48 SM (OS2) fiber Optic Cable, ALTOS, Loose Tube, 048ZU4-T4F22D20 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
345	24-strand SM OSP Underground Fiber Freedm	SRIT039	Provide and install 24-strand SM OSP underground fiber Freedm. Based on Corning, 24 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 024EWP-T4101D20 or equivalent.
346	48-strand SM OSP Underground Fiber Freedm – Overtime Hours	SRIT040	Provide and install 48-strand SM OSP underground fiber Freedm. Based on Corning, 48 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 048EWP-T4101D20 or equivalent.
347	1" Innerduct Underground in Existing Duct – Overtime Hours	SRIT041	Provide and install 1" innerduct underground in existing duct. Based on T&B, 1" innerduct, HDPE or equivalent.
348	1 1/4" Innerduct Underground in Existing Duct	SRIT042	Provide and install 1 1/4" innerduct underground in existing duct. Based on T&B, 1-1/4" innerduct, HDPE or equivalent.
349	CAT3 25-Pair Copper ISP – Overtime Hours	SRIT043	Provide and install 25-pair copper ISP. Based on Superior Essex, Cat3, 25 pair, CMP or equivalent.
350	25-Pair Copper Underground OSP – Overtime Hours	SRIT044	Provide and install 25-pair copper underground OSP. Based on Superior Essex, 25 pair, OSP, PE 89, 24 AWG. or equivalent.
351	CAT3 50-Pair Copper ISP – Overtime Hours	SRIT045	Provide and install 50-pair copper ISP. Based on Superior Essex, Cat3, 50 pair, CMP or equivalent.
352	50-Pair Copper Underground OSP – Overtime Hours	SRIT046	Provide and install 50-pair copper underground OSP. Based on Superior Essex, 50 pair, OSP, PE 89, 24 AWG. or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
353	CAT3 100-Pair Copper ISP – Overtime Hours	SRIT047	Provide and install 100-pair copper ISP. Based on Superior Essex, Cat3, 100 pair, CMP or equivalent.
354	100-Pair Copper Underground OSP – Overtime Hours	SRIT048	Provide and install 100-pair copper underground OSP. Based on Superior Essex, 100 pair, OSP, PE 89, 24 AWG. or equivalent.
355	Manhole Set Up – Overtime Hours	SRIT049	Manhole Set up. As required per Cal-OSHA; confined space entry.
356	1 1/4" CMP Innerduct, ISP, in Existing Duct – Overtime Hours	SRIT050	Provide and install 1 1/4" CMP innerduct, ISP, in existing duct. Based on T&B, 1-1/4" innerduct, CMP or equivalent.
357	300' Cat 6 Copper ISP Circuit Extension – Overtime Hours	SRIT051	Provide and install up to 300' Cat 6 copper ISP circuit extension. Based on Commscope, Cat6, CMP, 6504+ or equivalent.
358	300' Cat 6 Copper OSP Circuit Extension – Overtime Hours	SRIT052	Provide and install up to 300' Cat 6 copper OSP circuit extension. Based on Commscope, Cat6, OSP, 6NF4+ or equivalent.
359	300' 25-Pair Copper ISP Circuit Extension – Overtime Hours	SRIT053	Provide and install up to 300' 25-pair copper ISP circuit extension. Based on Superior Essex, Cat3, 25 pair, CMP or equivalent.
360	300' 25-Pair Copper OSP Circuit Extension – Overtime Hours	SRIT054	Provide and install up to 300' 25-pair copper OSP circuit extension. Based on Superior Essex, 25 pair, OSP, PE 89, 24 AWG. or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
361	300' RG58 COAX ISP – Overtime Hours	SRIT055	Provide and install up to 300' RG58 COAX ISP. Based on Belden, RG-58, CMP or equivalent.
362	300' RG62 COAX ISP – Overtime Hours	SRIT056	Provide and install up to 300' RG62 COAX ISP. Based on Belden, RG-62, CMP or equivalent.
363	300' RG6 COAX ISP – Overtime Hours	SRIT057	Provide and install up to 300' RG6 COAX ISP. Based on Belden, RG-6, CMP or equivalent.
364	300' Cat 6 Copper Indoor / Outdoor, CMR, Circuit Extension – Overtime Hours	SRIT058	Provide and install up to 300' Cat 6 copper Indoor / Outdoor, CMR, circuit extension. Based on Mohawk, Cat6, Indoor/Outdoor, CMR, M58772 or equivalent.
365	25-Pair Protector – Overtime Hours	SRIT059	Provide and install 25-pair protector. Based on Vertiv, 25 Pair Protector, 66in/66out, no cover, R66P25QC or equivalent.
366	50-Pair Protector – Overtime Hours	SRIT060	Provide and install 50-pair protector. Based on Circa, 50 Pair Protector, 66in/66out, no cover, 2650QC/QC or equivalent.
367	100-Pair Protector – Overtime Hours	SRIT061	Provide and install 100-pair protector. Based on Circa, 100 Pair Protector, 66in/66out, no cover, 26100QC/QC or equivalent.
368	4-Pair Protector – Overtime Hours	SRIT062	Provide and install 4-pair protector. Based on ITW LINX, 4 Pair Protector, CAT6-75 or equivalent.
369	Protector Modules – Overtime Hours	SRIT063	Provide and install protector modules. Based on Circa, Protector Module, 3B1E or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
370	66-Type Block 50 pair – Overtime Hours	SRIT064	Provide and install 66-type Block 50 pair. Based on Siemon, 50 Pair 66 Block, M1-50 or equivalent.
371	110-Style Block 100 Pair Kit – Overtime Hours	SRIT065	Provide and install 110-style block 100 pair kit. Based on Commscope, 100 Pair 110 Block Kit, 110AB2-100FT or equivalent.
372	Rack Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber – Overtime Hours	SRIT066	Rack Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber. Based on Corning, 24 Port Rack Mount Enclosure, CCH-01U or equivalent.
373	Rack Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber – Overtime Hours	SRIT067	Rack Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber. Based on Corning, 48 Port Rack Mount Enclosure, CCH-02U or equivalent.
374	Wall Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber – Overtime Hours	SRIT068	Wall Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber. Based on Corning, 24 Port Wall Mount Enclosure, WCH-02P or equivalent.
375	Wall Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber – Overtime Hours	SRIT069	Wall Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber. Based on Corning, 48 Port Wall Mount Enclosure, WCH-04P or equivalent.
376	6-Strand Connector Panel MM 50/125 SC – Overtime Hours	SRIT070	6-strand connector panel MM 50/125 SC. Based on Corning, 6-strand connector panel MM 50/125 SC, CCH-CP06-E7 or equivalent.
377	6-Strand Connector Panel MM 50/125 LC – Overtime Hours	SRIT071	6-strand connector panel MM 50/125 LC. Based on Corning, 6-strand connector panel MM 50/125 LC, CCH-CP06-E4 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
378	6-Strand Connector Panel MM 62.5/125 SC – Overtime Hours	SRIT072	6-strand connector panel MM 62.5/125 SC. Based on Corning, 6-strand connector panel MM 62.5/125 SC, CCH-CP06-91 or equivalent.
379	6-Strand Connector Panel MM 62.5/125 LC – Overtime Hours	SRIT073	6-strand connector panel MM 62.5/125 LC. Based on Corning, 6-strand connector panel MM 62.5/125 LC, CCH-CP06-A8 or equivalent.
380	12-Strand Connector Panel MM 50/125 SC – Overtime Hours	SRIT074	12-strand connector panel MM 50/125 SC. Based on Corning, 12-strand connector panel MM 50/125 SC, CCH-CP12-E7 or equivalent.
381	12-Strand Connector Panel MM 50/125 LC – Overtime Hours	SRIT075	12-strand connector panel MM 50/125 LC. Based on Corning, 12-strand connector panel MM 50/125 LC, CCH-CP12-E4 or equivalent.
382	12-Strand Connector Panel MM 62.5/125 SC – Overtime Hours	SRIT076	12-strand connector panel MM 62.5/125 SC. Based on Corning, 12-strand connector panel MM 62.5/125 SC, CCH-CP12-91 or equivalent.
383	12-Strand Connector Panel MM 62.5/125 LC – Overtime Hours	SRIT077	12-strand connector panel MM 62.5/125 LC. Based on Corning, 12-strand connector panel MM 62.5/125 LC, CCH-CP12-A8 or equivalent.
384	6-Strand Connector Panel SM SC – Overtime Hours	SRIT078	6-strand connector panel SM SC. Based on Corning, 6-strand connector panel SM SC, CCH-CP06-59 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
385	6-Strand Connector Panel SM LC – Overtime Hours	SRIT079	6-strand connector panel SM LC. Based on Corning, 6-strand connector panel SM LC, CCH-CP06-A9 or equivalent.
386	12-Strand Connector Panel SM SC – Overtime Hours	SRIT080	12-strand connector panel SM SC. Based on Corning, 12-strand connector panel SM SC, CCH-CP12-59 or equivalent.
387	12-Strand Connector Panel SM LC – Overtime Hours	SRIT081	12-strand connector panel SM LC. Based on Corning, 12-strand connector panel SM LC, CCH-CP12-A9 or equivalent.
388	SC Compatible 50µm Multimode Connector, Anaerobic (Material Only) – Overtime Hours	SRIT082	SC Compatible 50µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
389	SC Compatible 62.5µm Multimode Connector, Anaerobic (Material Only) – Overtime Hours	SRIT083	SC Compatible 62.5µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
390	SC Compatible Single Mode Connector, Anaerobic (Material Only) – Overtime Hours	SRIT084	SC Compatible Single Mode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
391	LC Compatible 50µm Multimode Connector, Anaerobic (Material Only) – Overtime Hours	SRIT085	LC Compatible 50µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
392	LC Compatible 62.5µm Multimode Connector, Anaerobic (Material Only) – Overtime Hours	SRIT086	LC Compatible 62.5µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
393	LC Compatible Single Mode Connector, Anaerobic (Material Only) – Overtime Hours	SRIT087	LC Compatible Single Mode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
394	RG-58 BNC Connector, Crimp Type, for CMP Cable – Overtime Hours	SRIT088	RG-58 BNC Connector, Crimp Type, For CMP cable. Based on Allen-Tel, RG-58 BNC Connector, Crimp Type, For CMP cable, GBNC58-PH or equivalent.
395	RG-62 BNC Connector, Crimp Type, for CMP Cable – Overtime Hours	SRIT089	RG-62 BNC Connector, Crimp Type, for CMP cable. Based on Allen-Tel, RG-62 BNC Connector, Crimp Type, for CMP cable, GBNC60-PO or equivalent.
396	RG-6 F Connector, Compression Type, for CMP Cable – Overtime Hours	SRIT090	RG-6 F Connector, Compression Type, for CMP cable. Based on Allen-Tel, RG-6 F Connector, Compression Type, for CMP cable, CT746 or equivalent.
397	Fan Out Kit, 6 Strand – Overtime Hours	SRIT091	Fan Out Kit, 6 Strand. Based on Corning, Fan Out Kit, 6 Strand, FAN-BT25-06 or equivalent.
398	Multimode 62.5/125 SC To SC 1 Meter Duplex Patch Cable – Overtime Hours	SRIT092	Multimode 62.5/125 SC To SC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
399	Multimode 62.5/125 SC To SC 3 Meter Duplex Patch Cable – Overtime Hours	SRIT093	Multimode 62.5/125 SC To SC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
400	Multimode 62.5/125 SC To LC 1 Meter Duplex Patch Cable – Overtime Hours	SRIT094	Multimode 62.5/125 SC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
401	Multimode 62.5/125 SC To LC 3 Meter Duplex Patch Cable – Overtime Hours	SRIT095	Multimode 62.5/125 SC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
402	Multimode 62.5/125 LC To LC 1 Meter Duplex Patch Cable – Overtime Hours	SRIT096	Multimode 62.5/125 LC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
403	Multimode 62.5/125 LC To LC 3 Meter Duplex Patch Cable – Overtime Hours	SRIT097	Multimode 62.5/125 LC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
404	Multimode 50/125 SC To SC 1 Meter Duplex Patch Cable – Overtime Hours	SRIT098	Multimode 50/125 SC To SC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
405	Multimode 50/125 SC To SC 3 Meter Duplex Patch Cable – Overtime Hours	SRIT099	Multimode 50/125 SC To SC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
406	Multimode 50/125 SC To LC 1 Meter Duplex Patch Cable – Overtime Hours	SRIT100	Multimode 50/125 SC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
407	Multimode 50/125 SC To LC 3 Meter Duplex Patch Cable – Overtime Hours	SRIT101	Multimode 50/125 SC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
408	Multimode 50/125 LC To LC 1 Meter Duplex Patch Cable – Overtime Hours	SRIT102	Multimode 50/125 LC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord
409	Multimode 50/125 LC To LC 3 Meter Duplex Patch Cable – Overtime Hours	SRIT103	Multimode 50/125 LC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
410	Single Mode 9/125 SC To SC 1 Meter Duplex Patch Cable – Overtime Hours	SRIT104	Single Mode 9/125 SC To SC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
411	Single Mode 9/125 SC To SC 3 Meter Duplex Patch Cable – Overtime Hours	SRIT105	Single Mode 9/125 SC To SC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
412	Single Mode 9/125 SC To LC 1 Meter Duplex Patch Cable – Overtime Hours	SRIT106	Single Mode 9/125 SC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
413	Single Mode 9/125 SC To LC 3 Meter Duplex Patch Cable – Overtime Hours	SRIT107	Single Mode 9/125 SC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
414	Single Mode 9/125 LC To LC 1 Meter Duplex Patch Cable – Overtime Hours	SRIT108	Single Mode 9/125 LC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
415	Single Mode 9/125 LC To LC 3 Meter Duplex Patch Cable – Overtime Hours	SRIT109	Single Mode 9/125 LC To LC 3 Meter Duplex Patch Cable. Based on Single Mode 9/125 LC To LC 3 Meter Patch Cable or equivalent.
416	SC to Pigtail 50µm Multimode, 1 Meter – Overtime Hours	SRIT110	SC to pigtail 50µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
417	SC to Pigtail 62.5µm Multimode, 1 Meter – Overtime Hours	SRIT111	SC to pigtail 62.5µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
418	SC to Pigtail Single Mode, 1 Meter – Overtime Hours	SRIT112	SC to pigtail Single Mode, 1 Meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
419	LC to Pigtail 50µm Multimode, 1 Meter – Overtime Hours	SRIT113	LC to pigtail 50µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
420	LC to Pigtail 62.5µm Multimode, 1 Meter – Overtime Hours	SRIT114	LC to pigtail 62.5µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
421	LC to Pigtail Single Mode, 1 Meter – Overtime Hours	SRIT115	LC to pigtail Single Mode, 1 Meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
422	SC Compatible 50µm Multimode Connector – Overtime Hours	SRIT116	SC Compatible 50µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
423	SC Compatible 62.5µm Multimode Connector – Overtime Hours	SRIT117	SC Compatible 62.5µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
424	SC Compatible Single Mode Connector – Overtime Hours	SRIT118	SC Compatible Single Mode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
425	LC Compatible 50µm Multimode Connector – Overtime Hours	SRIT119	LC Compatible 50µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
426	LC Compatible 62.5µm Multimode Connector – Overtime Hours	SRIT120	LC Compatible 62.5µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
427	LC Compatible Single Mode Connector – Overtime Hours	SRIT121	LC Compatible Single Mode connector (material only). Restrictions: must be ordered in conjunction with terminating and testing.
428	Fan Out Kit, 12 Strand – Overtime Hours	SRIT122	Fan Out Kit, 12 Strand. Based on Corning, Fan Out Kit, 12 Strand, FAN-BT25-12 or equivalent.
429	Copper Cable Splicing, Termination and Testing Per Pair – Overtime Hours	SRIT123	Copper cable splicing, termination and testing per pair (25 pair and larger). Based on 710 type copper splicing module or equivalent. As per industry practices splicing modules are used to splice 25 pair and larger.
430	Copper cable Termination Per Pair – Overtime Hours	SRIT124	Copper cable termination per pair (25 pair and larger). Based on 66 type or 110 type terminations or equivalent.
431	Copper Cable Splicing Per Pair – Overtime Hours	SRIT125	Copper cable splicing per pair (25 pair and larger). Based on 710 type copper splicing or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
432	Copper Cable Testing Per Pair – Overtime Hours	SRIT126	Copper cable testing per pair (25 pair and larger). Based on continuity test only.
433	Fiber Splicing, Termination and Testing Per Strand (Both Ends) – Overtime Hours	SRIT127	Fiber splicing, termination and testing per strand (both ends). Based on standard fusion splicing, per strand (both ends).
434	Fiber Termination Per Strand (One End) – Overtime Hours	SRIT128	Fiber termination per strand (one end). Based on fiber termination per strand (one end).
435	Fiber Splicing Per Strand (One End) – Overtime Hours	SRIT129	Fiber splicing per strand (one end). Based on standard fusion splicing, per strand (one end).
436	Fiber Testing Per Strand – Overtime Hours	SRIT130	Fiber testing per strand. Based on power meter testing per strand.
437	4-pair CAT5e Termination and Testing – Overtime Hours	SRIT131	4-pair CAT5e termination and testing.
438	4-pair Cat 6 Termination and Testing – Overtime Hours	SRIT132	4-pair Cat 6 termination and testing.
439	4-pair Cat 6 Jacking – Overtime Hours	SRIT133	4-pair Cat 6 jacking
440	4-pair Cat 6 Termination – Overtime Hours	SRIT134	4-pair Cat 6 termination
441	4-pair Cat 6 Testing – Overtime Hours	SRIT135	4-pair Cat 6 testing
442	4-pair Cat 6A Termination and Testing – Overtime Hours	SRIT136	4-pair Cat 6A termination and testing
443	4-pair Cat 6A Jacking – Overtime Hours	SRIT137	4-pair Cat 6A jacking
444	4-pair Cat 6A Termination – Overtime Hours	SRIT138	4-pair Cat 6A Termination
445	4-pair Cat 6A Testing – Overtime Hours	SRIT139	4-pair Cat 6A Testing

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
446	Single 4-Pair Cat 6 PVC Cable – Overtime Hours	SRIT140	Install single 4-pair Cat 6 PVC cable for voice or data application. Based on Commscope, Cat6, CMR, 65N4+ or equivalent.
447	Single 4-Pair Cat 6 Plenum Cable – Overtime Hours	SRIT141	Install single 4-pair Cat 6 plenum cable for voice or data application. Based on Commscope, Cat6, CMP, 6504+ or equivalent.
448	Single 4-Pair Cat 6 OSP Cable – Overtime Hours	SRIT142	Install single 4-pair Cat 6 OSP cable for voice or data application. Based on Commscope, Cat6, OSP, 6NF4+ or equivalent.
449	Single 4-Pair Cat 6A PVC Cable – Overtime Hours	SRIT143	Install single 4-pair Cat 6A PVC cable for voice or data application. Based on Commscope, Cat6A, CMR, 10GN4 or equivalent.
450	Single 4-Pair Cat 6A Plenum Cable – Overtime Hours	SRIT144	Install single 4-pair Cat 6A plenum cable for voice or data application. Based on Commscope, Cat6A, CMP, 10G4 or equivalent.
451	Single 4-Pair Cat 6A OSP Cable – Overtime Hours	SRIT145	Install single 4-pair Cat 6A OSP cable for voice or data application. Based on Mohawk, Cat6A, OSP, M59198 or equivalent.
452	Single 4-Pair Cat 6 Indoor / Outdoor CMR Cable – Overtime Hours	SRIT146	Install single 4-pair Cat 6 Indoor / Outdoor CMR cable for voice or data application. Based on Mohawk, Cat6, Indoor/Outdoor, CMR, M58772 or equivalent.
453	Single 4-Pair Cat 6A Indoor / Outdoor CMR Cable – Overtime Hours	SRIT147	Install single 4-pair Cat 6A Indoor / Outdoor CMR cable for voice or data application. Based on Mohawk, Cat6A, Indoor/Outdoor, CMR, M59202 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
454	24-Port Unloaded Cat 6A Patch Panel – Overtime Hours	SRIT148	Provide and install one 24-port unloaded Cat 6A Patch Panel. Based on Commscope, 24 Port Cat6A Modular (Jack Type) Panel, Unloaded, M2000-24 1U or equivalent.
455	48-Port Unloaded Cat 6A Patch Panel – Overtime Hours	SRIT149	Provide and install one 48-port unloaded Cat 6A Patch Panel. Based on Commscope, 48 Port Cat6A Modular (Jack Type) Panel, Unloaded, M2000-48 2U or equivalent.
456	24-Port Cat 6 Patch Panel – Overtime Hours	SRIT150	Provide and install new 24-port Cat 6 patch panel. Based on Commscope, 24 Port Cat6 Patch Panel, UNP-U-610-1U-24 or equivalent.
457	48-Port Cat 6 Patch Panel – Overtime Hours	SRIT151	Provide and install new 48-port Cat 6 patch panel. Based on Commscope, 48 Port Cat6 Patch Panel, UNP-U-610-2U-48 or equivalent.
458	24-Port Cat 6A Patch Panel – Overtime Hours	SRIT152	Provide and install new 24-port Cat 6A patch panel. Based on Commscope, 24 Port Cat6A Patch Panel, UNP-U-10G-1U-24 or equivalent.
459	48-Port Cat 6A Patch Panel – Overtime Hours	SRIT153	Provide and install new 48-port Cat 6A patch panel. Based on Commscope, 48 Port Cat6A Patch Panel, UNP-U-10G-2U-48 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
460	12-Port Cat 6 Patch Panel – Overtime Hours	SRIT154	Provide and install new 12-port Cat 6 patch panel. Based on Commscope, 12 Port Cat6 Patch Panel, UNP610-WM-12P or equivalent.
461	Face Plate Plastic – Overtime Hours	SRIT155	Provide and install face plate plastic. Based on Commscope, 4 Port Faceplate, Plastic, M14L or equivalent.
462	Modular Furniture Device Plate – Overtime Hours	SRIT156	Provide and install modular furniture device plate. Based on Commscope, Modular Furniture Faceplate, M14C or equivalent.
463	4-Port Stainless Steel Faceplate – Overtime Hours	SRIT157	Provide and install 4-port stainless steel faceplate. Based on Commscope, 4 Port Faceplate, Stainless Steel, M14SP or equivalent.
464	6-Port Stainless Steel Faceplate – Overtime Hours	SRIT158	Provide and install 6-port stainless steel faceplate. Based on Commscope, 6 Port Faceplate, Stainless Steel, M16SP-L or equivalent.
465	Cat 6 Jack Insert – Overtime Hours	SRIT159	Cat 6 jack insert. Based on Commscope, Cat 6 jack insert, UNJ600 or equivalent.
466	Cat 6A Jack Insert – Overtime Hours	SRIT160	Cat 6A jack insert. Based on Commscope, Cat 6A jack insert, UNJ10G or equivalent.
467	3' Cat 5e Patch Cord – Overtime Hours	SRIT161	3' Cat 5e patch cord. Based on Allen-Tel, 3' Cat 5e patch cord, AT1503EV-BU or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
468	10' Cat 5e Patch Cord – Overtime Hours	SRIT162	10' Cat 5e patch cord. Based on Allen-Tel, 10' Cat 5e patch cord, AT1510EV-BU or equivalent.
469	3' Cat 6 Patch Cord – Overtime Hours	SRIT163	3' Cat 6 patch cord. Based on Allen-Tel, 3' Cat 6 patch cord, AT1603-BU or equivalent.
470	10' Cat 6 Patch Cord – Overtime Hours	SRIT164	10' Cat 6 patch cord. Based on Allen-Tel, 10' Cat 6 patch cord, AT1610- BU or equivalent.
471	Velcro Ties – Overtime Hours	SRIT165	Velcro Ties (roll 25 yards). Based on Velcro USA, Velcro Ties (roll 25 yards), 3/4", non-plenum rated, 189645 or equivalent.
472	6.5" Fiber Splice – Overtime Hours Closure	SRIT166	Fiber splice closure. Based on Preformed, Fiber splice closure 6.5" x 22", 8006560 or equivalent.
473	Fiber Splice Tray – Overtime Hours	SRIT167	Fiber splice tray. Based on Preformed, Fiber splice tray, 36 Strand, 80805110 or equivalent.
474	Copper Splice Case 4.0x25 – Overtime Hours	SRIT168	Copper splice case 4.0x25. Based on Preformed, Copper splice case, SS, 4.0" x 25", 8000624 or equivalent.
475	Copper Splice Case 6.5x28 – Overtime Hours	SRIT169	Copper splice case 6.5x28. Based on Preformed, Copper splice case, SS, 6.5" x 28", 8000626 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
476	Copper Splice Module 25 Pair (Material Only) – Overtime Hours	SRIT170	Copper splice module 25 pair (material only). Based on 3M, Copper splice module 25 pair, 710, 3M710-TCL-25 or equivalent. Restrictions: must be ordered in conjunction with copper splicing and testing.
477	Standoff Bracket for 66 Block (Material Only) – Overtime Hours	SRIT171	Standoff Bracket for 66 Block (Material Only). Based on Siemon, Standoff Bracket, S89B or equivalent. Restrictions: must be ordered in conjunction with 66-type Block.
478	Rod & Rope Conduit – Overtime Hours	SRIT172	Rod & rope conduit. Pull string or rope provided by contractor. Rope will be sized appropriately to cable.
479	Stick (10') of 1" EMT & Three (3) 2-Hole Straps – Overtime Hours	SRIT173	Provide and install one stick (10') of 1" EMT & three (3) 2-hole straps
480	Stick (10') of 1 1/4" EMT & Three (3) 2-Hole Straps – Overtime Hours	SRIT174	Provide and install one stick (10') of 1 1/4" EMT & three (3) 2-hole straps
481	Stick (10') of 2" EMT Three (3) 2-Hole Straps – Overtime Hours	SRIT175	Provide and install one stick (10') of 2" EMT & three (3) 2-hole straps
482	Stick (10') of 1" Rigid & Three (3) 2-Hole Straps – Overtime Hours	SRIT176	Provide and install one stick (10') of 1" Rigid & three (3) 2-hole straps
483	Stick (10') of 1 1/4" Rigid & Three (3) 2-Hole Straps – Overtime Hours	SRIT177	Provide and install one stick (10') of 1 1/4" Rigid & three (3) 2-hole straps
484	Stick (10') of 2" Rigid & Three (3) 2-Hole Straps – Overtime Hours	SRIT178	Provide and install one stick (10') of 2" Rigid & three (3) 2-hole straps

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
485	1" EMT Stub – Overtime Hours	SRIT179	Provide and install one 1" EMT Stub up from device box to above ceiling and straps, connector and bushing. Assumes walls shall be open new construction or surface mount on existing walls; does not include opening or closing of walls.
486	1" 2-Hole Strap, EMT – Overtime Hours	SRIT180	1" 2-Hole Strap, EMT
487	1" Bushing, EMT – Overtime Hours	SRIT181	1" Bushing, EMT
488	1" Compression Connector, EMT – Overtime Hours	SRIT182	1" Compression Connector, EMT
489	1" Compression Coupler, EMT – Overtime Hours	SRIT183	1" Compression Coupler, EMT
490	1" Unistrut Clamp, EMT – Overtime Hours	SRIT184	1" Unistrut Clamp, EMT
491	2" 2-Hole Strap, EMT – Overtime Hours	SRIT185	2" 2-Hole Strap, EMT
492	2" Bushing, EMT – Overtime Hours	SRIT186	2" Bushing, EMT
493	2" Compression Connector, EMT – Overtime Hours	SRIT187	2" Compression Connector, EMT
494	2" Compression Coupler, EMT – Overtime Hours	SRIT188	2" Compression Coupler, EMT
495	2" Unistrut Clamp, EMT – Overtime Hours	SRIT189	2" Unistrut Clamp, EMT
496	3" 2-Hole Strap, EMT – Overtime Hours	SRIT190	3" 2-Hole Strap, EMT
497	3" Bushing, EMT – Overtime Hours	SRIT191	3" bushing, EMT
498	3" Compression Connector, EMT – Overtime Hours	SRIT192	3" Compression Connector, EMT
499	3" Compression Coupler, EMT – Overtime Hours	SRIT193	3" Compression Coupler, EMT

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
500	3" Unistrut Clamp, EMT – Overtime Hours	SRIT194	3" Unistrut Clamp, EMT
501	4" 2-Hole Strap, EMT – Overtime Hours	SRIT195	4" 2-Hole Strap, EMT
502	4" Bushing, EMT – Overtime Hours	SRIT196	4" Bushing, EMT
503	4" Compression Connector, EMT – Overtime Hours	SRIT197	4" Compression Connector, EMT
504	4" Compression Coupler, EMT – Overtime Hours	SRIT198	4" Compression Coupler, EMT
505	4" Unistrut Clamp, EMT – Overtime Hours	SRIT199	4" Unistrut Clamp, EMT
506	1" 2-Hole Strap, Rigid – Overtime Hours	SRIT200	1" 2-Hole Strap, Rigid
507	1" Bushing, Rigid – Overtime Hours	SRIT201	1" Bushing, Rigid
508	1" Compression Connector, Rigid – Overtime Hours	SRIT202	1" Compression Connector, Rigid
509	1" Compression Coupler, Rigid – Overtime Hours	SRIT203	1" Compression Coupler, Rigid
510	1" Unistrut Clamp, Rigid – Overtime Hours	SRIT204	1" Unistrut Clamp, Rigid
511	2" 2-Hole Strap, Rigid – Overtime Hours	SRIT205	2" 2-Hole Strap, Rigid
512	2" Bushing, Rigid – Overtime Hours	SRIT206	2" Bushing, Rigid
513	2" Compression Connector, Rigid – Overtime Hours	SRIT207	2" Compression Connector, Rigid
514	2" Compression Coupler, Rigid – Overtime Hours	SRIT208	2" Compression Coupler, Rigid
515	2" Unistrut Clamp, Rigid – Overtime Hours	SRIT209	2" Unistrut Clamp, Rigid
516	2" J-Hook w/ Multi-Purpose Clip – Overtime Hours	SRIT210	2" J-Hook w/ Multi-Purpose Clip
517	Bell Box	SRIT211	Bell box (raco 5387-0)
518	8"x8"x6" Pull Box NEMA 1 – Overtime Hours	SRIT212	8"x8"x6" Pull Box NEMA 1

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
519	12"x12"x8" NEMA – 1 Junction Box NEMA 1 – Overtime Hours	SRIT213	12"x12"x8" NEMA – 1 Junction Box NEMA 1
520	12"x12"x8" NEMA – 1 Junction Box NEMA 3 – Overtime Hours	SRIT214	12"x12"x8" NEMA – 1 Junction Box NEMA 3
521	Install Customer Provided WAP – Overtime Hours	SRIT215	Install customer provided WAP (Wireless Access Point); (does not include configuration). Assumes customer provided WAP includes installation kit. Installation shall be limited to either drop ceiling or wall mount type installation; no custom installation.
522	WAP Enclosure – Overtime Hours	SRIT216	Provide and install WAP (Wireless Access Point) Enclosure. Based on Oberon, WAP (Wireless Access Point) Enclosure, 1024-00 or equivalent.
523	Install Customer Provided Camera – Overtime Hours	SRIT217	Install customer provided Camera (does not include configuration). Customer is responsible for location and orientation of cameras. Only for CCTV system, not for public emergency systems.
524	Install Customer Provided Paging Speaker - Drop Tile Ceiling – Overtime Hours	SRIT218	Install Customer Provided Paging Speaker - Drop Tile Ceiling
525	Unistrut Slotted 7/8" – Overtime Hours	SRIT219	Unistrut Slotted 7/8"
526	1" Unistrut Straps – Overtime Hours	SRIT220	1" Unistrut Straps
527	2" Unistrut Straps – Overtime Hours	SRIT221	2" Unistrut Straps
528	1" EMT Sleeve – Overtime Hours	SRIT222	1" EMT sleeve (core or penetration not included)

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
529	2" EMT Sleeve – Overtime Hours	SRIT223	2" EMT sleeve (core or penetration not included)
530	3" EMT Sleeve – Overtime Hours	SRIT224	3" EMT sleeve (core or penetration not included)
531	4" EMT Sleeve – Overtime Hours	SRIT225	4" EMT sleeve (core or penetration not included)
532	8"x8"x6" Pull Box NEMA R3 – Overtime Hours	SRIT226	8"x8"x6" Pull Box NEMA R3
533	18"x18"x8" Pull Box NEMA R3 – Overtime Hours	SRIT227	18"x18"x8" Pull Box NEMA R3
534	24"x24"x8" Pull Box NEMA R3 – Overtime Hours	SRIT228	24"x24"x8" Pull Box NEMA R3
535	2" Entrance Fitting (Weatherhead) – Overtime Hours	SRIT229	2" Entrance Fitting (Weatherhead)
536	2" Set Screw Connector, EMT – Overtime Hours	SRIT230	2" Set Screw Connector, EMT
537	2" Set Screw Coupling, EMT – Overtime Hours	SRIT231	2" Set Screw Coupling, EMT
538	Stick (10') of 3" EMT & Three (3) 2-Hole Straps	SRIT232	Provide and install one stick (10') of 3" EMT & three (3) 2-hole straps
539	3" Set Screw Connector, EMT – Overtime Hours	SRIT233	3" Set Screw Connector, EMT
540	3" Set Screw Coupling, EMT – Overtime Hours	SRIT234	3" Set Screw Coupling, EMT
541	Stick (10') of 4" EMT & Three (3) 2-Hole Straps – Overtime Hours	SRIT235	Provide and install one stick (10') of 4" EMT & three (3) 2-hole straps
542	4" Set Screw Connector, EMT – Overtime Hours	SRIT236	4" Set Screw Connector, EMT
543	4" Set Screw Coupling, EMT – Overtime Hours	SRIT237	4" Set Screw Coupling, EMT
544	Unistrut Slotted 1-5/8" – Overtime Hours	SRIT238	Unistrut Slotted 1-5/8"
545	Surface Mount Box – Overtime Hours	SRIT239	Surface mount box; based on 4S, J-Box or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
546	LD10 Surface Mount Raceway, 6 Foot Section – Overtime Hours	SRIT240	Provide and install LD10 Surface Mount Raceway, 6 Foot Section. Based on Panduit, LD10 Surface Mount Raceway, 6 Foot Section, LD10IW6-A or equivalent.
547	LD10 Coupler – Overtime Hours	SRIT241	Provide and install LD10 Coupler. Based on Panduit, LD10 Coupler, CFX10IW-X or equivalent.
548	LD10 Right Angle – Overtime Hours	SRIT242	Provide and install LD10 Right Angle. Based on Panduit, LD10 Right Angle, RAFC10IW-X or equivalent.
549	LD10 Inside Corner – Overtime Hours	SRIT243	Provide and install LD10 Inside Corner. Based on Panduit, LD10 Inside Corner, ICFC10IW-X or equivalent.
550	LD10 Outside Corner – Overtime Hours	SRIT244	Provide and install LD10 Outside Corner. Based on Panduit, LD10 Outside Corner, OCF10IW-X or equivalent.
551	LD10 Tee – Overtime Hours	SRIT245	Provide and install LD10 Tee. Based on Panduit, LD10 Tee, TFC10IW-X or equivalent.
552	LD10 Drop Ceiling Entrance – Overtime Hours	SRIT246	Provide and install LD10 Drop Ceiling Entrance. Based on Panduit, LD10 Drop Ceiling Entrance, DCF10IW-X or equivalent.
553	Plastic Single Gang Box, Deep – Overtime Hours	SRIT247	Provide and install Plastic Single Gang Box, Deep. Based on Panduit, Plastic Single Gang Box, Deep, JB1DIW-A or equivalent.
554	Core Drilling, 1" Hole – Overtime Hours	SRIT248	Core Drilling, 1" Hole
555	Core Drilling, 2" Hole – Overtime Hours	SRIT249	Core Drilling, 2" Hole

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
556	Core Drilling, 3" Hole – Overtime Hours	SRIT250	Core Drilling, 3" Hole
557	Core Drilling, 4" Hole – Overtime Hours	SRIT251	Core Drilling, 4" Hole
558	Wall Penetration - Drywall – Overtime Hours	SRIT252	Wall penetration – drywall. Includes 1 single gang mud ring only.
559	Scissor Lift Rental (20') – Overtime Hours	SRIT253	Scissor Lift Rental (20') (Includes daily rate, pickup and delivery fees). Technician use of lift shall meet CAL OSHA standards.
560	Fire Seal Penetration, 1" Hole – Overtime Hours	SRIT254	Fire Seal Penetration, 1" Hole
561	Fire Seal Penetration, 2" Hole – Overtime Hours	SRIT255	Fire Seal Penetration, 2" Hole
562	Fire Seal Penetration, 3" Hole – Overtime Hours	SRIT256	Fire Seal Penetration, 3" Hole
563	Fire Seal Penetration, 4" Hole – Overtime Hours	SRIT257	Fire Seal Penetration, 4" Hole
564	Firestop, Moldable Putty Stick (Material Only) – Overtime Hours	SRIT258	Firestop, Moldable Putty Stick (Material Only). Restrictions: must be ordered in conjunction with Fire Seal Penetration.
565	Demolish, Remove, Wreck Cabling - Inside Wiring - Per Cable – Overtime Hours	SRIT259	Demolish, Remove, Wreck Cabling - Inside Wiring - Per Cable. Salvage value to be forfeited by client.
566	Demolish, Remove, Wreck Equipment - Ancillaries Component – Overtime Hours	SRIT260	Demolish, Remove, Wreck Equipment - Ancillaries Component (Ex: Patch panel, Rack, Etc). Does not include removal and disposal of batteries or UPS.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
567	Relocate Existing Telephone Handset – Overtime Hours	SRIT261	Relocate existing telephone handset (same HC/TC on existing cabling) - includes cross-connect, testing, and documentation. Includes up to 20' of 1 pair cross-connect wire
568	Install New Cross-Connect – Overtime Hours	SRIT262	Install new cross-connect. Includes up to 20' of 1 pair cross-connect wire.
569	Locate and Identify Circuit – Overtime Hours	SRIT263	Locate and Identify circuit - includes tone and tag and document.
570	# 6 AWG Conductor – Overtime Hours	SRIT264	Provide and install # 6 AWG conductor to existing building electrode system. This is the approved gauge conductor per code; building must have existing ground electrode system to bond to.
571	Busbar (TMGB Busbar) – Overtime Hours	SRIT265	Provide and install Busbar (TMGB Busbar). This is the approved telecom busbar.
572	Bonding Conduit - 1/2" EMT – Overtime Hours	SRIT266	Bonding Conduit - 1/2" EMT. This conduit is required when ground conductor traverses interior of building.
573	Performance Bond Fee – Overtime Hours	SRIT269	Performance Bond Fee
574	AHJ Permit Fee – Overtime Hours	SRIT270	AHJ Permit Fee
575	Permit Handling Fee – Overtime Hours	SRIT271	Permit Handling Fee. Handling Fee Only
576	Service Entrance Adjustable Wire Holder (Clamp on) – Overtime Hours	SRIT272	Service Entrance Adjustable Wire Holder (Clamp on)

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
577	Cube-iT 19U Wall Mount Cabinet (24" deep, Tinted window)- Overtime Hours	SRIT273	Cube-iT 19U Wall Mount Cabinet (24" deep, Tinted window)
578	Cube-iT Replacement Filter Kit– Overtime Hours	SRIT274	Cube-iT Replacement Filter Kit
579	26"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure– Overtime Hours	SRIT275	26"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure
580	36"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure– Overtime Hours	SRIT276	36"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure
581	Thinline II Duplex Receptacle Surge-Suppressed– Overtime Hours	SRIT277	Thinline II Duplex Receptacle Surge-Suppressed
582	Thinline II Intelligent Fan kit– Overtime Hours	SRIT278	Thinline II Intelligent Fan kit
583	14.5"Hx23.63"Wx17.7"D SmartRack Low Profile 6U Locking Wall Enclosure– Overtime Hours	SRIT279	14.5"Hx23.63"Wx17.7"D SmartRack Low Profile 6U Locking Wall Enclosure
584	1-1/4" CMR innerduct – Overtime Hours	SRIT289	1-1/4" CMR innerduct
585	Multimode 62.5/125 SC To SC 10 Meter Duplex Patch Cable – Overtime Hours	SRIT296	Multimode 62.5/125 SC To SC 10 Meter Duplex Patch Cable
586	Multimode 62.5/125 SC To LC 10 Meter Duplex Patch Cable– Overtime Hours	SRIT298	Multimode 62.5/125 SC To LC 10 Meter Duplex Patch Cable

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
587	Multimode 62.5/125 LC To LC 10 Meter Duplex Patch Cable – Overtime Hours	SRIT300	Multimode 62.5/125 LC To LC 10 Meter Duplex Patch Cable
588	Multimode 50/125 SC To SC 10 Meter Duplex Patch Cable – Overtime Hours	SRIT302	Multimode 50/125 SC To SC 10 Meter Duplex Patch Cable
589	Multimode 50/125 SC To LC 10 Meter Duplex Patch Cable– Overtime Hours	SRIT304	Multimode 50/125 SC To LC 10 Meter Duplex Patch Cable
590	Multimode 50/125 LC To LC 10 Meter Duplex Patch Cable – Overtime Hours	SRIT306	Multimode 50/125 LC To LC 10 Meter Duplex Patch Cable
591	Single Mode 9/125 SC To SC 10 Meter Duplex Patch Cable– Overtime Hours	SRIT308	Single Mode 9/125 SC To SC 10 Meter Duplex Patch Cable
592	Single Mode 9/125 SC To LC 10 Meter Duplex Patch Cable – Overtime Hours	SRIT310	Single Mode 9/125 SC To LC 10 Meter Duplex Patch Cable
593	Single Mode 9/125 LC To LC 10 Meter Duplex Patch Cable – Overtime Hours	SRIT312	Single Mode 9/125 LC To LC 10 Meter Duplex Patch Cable
594	Surface Mount Box (SMB), 1-4 Port– Overtime Hours	SRIT320	Surface Mount Box (SMB), 1-4 Port
595	5' Cat 5e patch cord – Overtime Hours	SRIT322	5' Cat 5e patch cord
596	7' Cat 5e patch cord – Overtime Hours	SRIT323	7' Cat 5e patch cord
597	5' Cat 6 patch cord – Overtime Hours	SRIT326	5' Cat 6 patch cord
598	7' Cat 6 patch cord – Overtime Hours	SRIT327	7' Cat 6 patch cord

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
599	15' Cat 6 patch cord – Overtime Hours	SRIT328	15' Cat 6 patch cord
600	25' Cat 6 patch cord – Overtime Hours	SRIT329	25' Cat 6 patch cord
601	Pencil Rod (for J-Hook mounting)– Overtime Hours	SRIT339	Pencil Rod (for J-Hook mounting)
602	Stringer wire (for j-hook mounting)– Overtime Hours	SRIT340	Stringer wire (for j-hook mounting)
603	1" Chase Nipple– Overtime Hours	SRIT341	1" Chase Nipple
604	4" Chase Nipple– Overtime Hours	SRIT343	4" Chase Nipple
605	Raceway 5-foot base ivory and cover 2300BAC plastic (2 1/4" x 11/16")– Overtime Hours	SRIT360	Raceway 5-foot base ivory and cover 2300BAC plastic (2 1/4" x 11/16")
606	20" Grounding Buss Bar with TMGB Pattern	SRIT378	20" Grounding Buss Bar with TMGB Pattern
607	1/4" Compression Grounding Lugs	SRIT379	1/4" Compression Grounding Lugs
608	#6 terminal lug	SRIT380	#6 terminal lug
609	Install Customer Provided UPS – Sunday and Holiday Hours	SRIS001	Install customer provided UPS. Based on (1) customer provided 4RU rack mounted UPS, standard electrical connections, no electrical work required.
610	48-Port Switch (Patch Cords) – Sunday and Holiday Hours	SRIS002	Cable 48-port switch (patch cords). Based on (48) Allen-Tel, 10' Cat 6 patch cord, AT1610-BU, Per 48 port switch.
611	7' 2-Post Rack – Sunday and Holiday Hours	SRIS003	Provide and install 7' 4-post rack. Based on CPI, 7' X 19" - 4 Post Rack, Black, 50120-703 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
612	7' 4-Post Rack – Sunday and Holiday Hours	SRIS004	Provide and install 7' 4-post rack. Based on CPI, 7' X 19" - 4 Post Rack, Black, 50120-703 or equivalent.
613	Install Customer Provided Rack – Sunday and Holiday Hours	SRIS005	Install customer provided rack. Based on (1) customer provided 2 post rack and misc floor mounting hardware.
614	Double Sided Horizontal Wire Manager – Sunday and Holiday Hours	SRIS006	Install and provide horizontal wire manager. Based on CPI, Double Sided Horizontal Wire Manager, 30530-719 or equivalent.
615	Double Sided Vertical Wire Manager – Sunday and Holiday Hours	SRIS007	Install and provide vertical wire manager. Based on CPI, CCS Vertical Wire Management, 6" W X 7' H Double Sided, Black 30162-703 or equivalent.
616	Install Customer Provided Wire Manager – Sunday and Holiday Hours	SRIS008	Install customer provided wire manager. Based on (1) customer provided 2RU horizontal wire manager.
617	Shelf (single sided 3U) – Sunday and Holiday Hours	SRIS009	Provide and Install each shelf (single sided 3U). Based on CPI, Single Sided Shelf, 3RMU, 40074-700 or equivalent.
618	Install Customer Provided Shelf – Sunday and Holiday Hours	SRIS010	Install customer provided shelf. Based on (1) customer provided rack mounted fixed shelf.
619	Hinged Wall Bracket – Sunday and Holiday Hours	SRIS011	Provide and install hinged wall bracket. Based on Commscope, Hinged Wall Bracket, 3.5"H X 19"W X 5"D, 1100C1-35-19 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
620	Power Strip (4 outlets) – Sunday and Holiday Hours	SRIS012	Provide and Install each power strip (4 outlets). Based on TrippLite, Power Strip, 4 outlet, NEMA5-15R, 7OUT SRGE 7FT CRD or equivalent.
621	Ladder Rack and Support Hardware – Sunday and Holiday Hours	SRIS013	Provide and install up to 10' of 12" ladder rack and support hardware. Based on CPI, 12" X 10' Cable Runway, Black, 11275-712 and misc hardware or equivalent.; see line items B through G in this section for associated supporting hardware.
622	Communication Pole 10 feet – Sunday and Holiday Hours	SRIS014	Provide and install Communication pole 10 feet. Based on Wiremold, Comm Pole, 25DTC-410 or equivalent.
623	Fire Rated Un-painted Plywood Backboard – Sunday and Holiday Hours	SRIS015	Provide and install 4' x 8' x 3/4" fire rated un-painted plywood backboard. Based on 3/4" X 4' X 8', Sheet Fire Rated Plywood, ACX or equivalent.
624	Wall Angle Support Kit – Sunday and Holiday Hours	SRIS016	Provide and install Wall Angle Support Kit, 12", Black. Based on CPI, Wall Angle Support Kit, 12", Black, 11421-712 or equivalent.
625	Rack to Runway Adapter Plate – Sunday and Holiday Hours	SRIS017	Provide and install 12" Rack to Runway Adapter Plate, Black. Based on CPI, 12" Rack to Runway Adapter Plate, Black, 10595-712 or equivalent.
626	Runway Support Brackets – Sunday and Holiday Hours	SRIS018	Provide and install Runway Support Brackets. Based on CPI, Runway Support Brackets, 11408-001 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
627	Slip-on Support Bracket, Cable Runway – Sunday and Holiday Hours	SRIS019	Provide and install Slip-on Support Bracket, Cable Runway. Based on CPI, Slip-on Support Bracket, Cable Runway, 10873-001 or equivalent.
628	Protective End Caps for Runway, 1 Pair – Sunday and Holiday Hours	SRIS020	Provide and install Protective End Caps for Runway, 1 Pair. Based on CPI, Protective End Caps for Runway, 1 Pair, 10642-001 or equivalent.
629	CPE - Flush Mounted Wall Bracket (For Network Gear) – Sunday and Holiday Hours	SRIS021	Provide and install CPE - Flush Mounted Wall Bracket (For Network Gear); CPI 11583-719. Based on CPI, Flush Mounted Wall Bracket, 11583-719 or equivalent.
630	Runway Junction-Splice Kit – Sunday and Holiday Hours	SRIS022	Provide and install runway Junction-Splice Kit. Based on CPI, Junction-Splice Kit, 16302-701 or equivalent.
631	Runway Butt-Splice Kit – Sunday and Holiday Hours	SRIS023	Provide and install runway Butt-Splice Kit. Based on CPI, Butt-Splice Kit, 16301-701 or equivalent.
632	Cube-iT 12U Wall Mount Cabinet – Sunday and Holiday Hours	SRIS024	Provide and install Cube-iT 12U Wall Mount Cabinet (24" deep, Tinted Window). Based on CPI, Cube-iT 12U Wall Mount Cabinet (24" deep, Tinted Window), 11900-724 or equivalent.
633	Cube-iT 24U Wall Mount Cabinet – Sunday and Holiday Hours	SRIS025	Provide and install Cube-iT 24U Wall Mount Cabinet (24" deep, Tinted window). Based on CPI, Cube-iT 24U Wall Mount Cabinet (24" deep, Tinted window, 11900-748 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
634	Cube-iT Fan Kit – Sunday and Holiday Hours	SRIS026	Provide and install Cube-iT Fan Kit. Based on CPI, Cube-iT Fan Kit, 12804-701 or equivalent.
635	21U Swing Gate Rack – Sunday and Holiday Hours	SRIS027	Provide and install 21U Swing Gate Rack - Wall Mount 19in. Based on CPI, 21U Swing Gate Rack - Wall Mount 19in., 11791-725 or equivalent.
636	120V/20A Circuit – Sunday and Holiday Hours	SRIS028	Provide and install (1) new 120V/20A circuit equipped with new isolated ground and (2) NEMA 5-20R outlets. Includes up to 75' of 1/2" EMT and circuit breaker. Must have clear pathways, existing electrical panel, vacant slot in existing panel for new circuit breaker and existing main ground buss for the isolated ground.
637	6-strand MM ISP fiber – Sunday and Holiday Hours	SRIS029	Provide and install 6-strand MM ISP fiber. Based on Corning, 6 Strand MM (OM3), OFNP, MIC, 006T88-31180-29 or equivalent.
638	6-strand SM ISP fiber – Sunday and Holiday Hours	SRIS030	Provide and install 6-strand SM ISP fiber. Based on Corning, 6 Strand SM (OS2), OFNP, MIC, 006E88-31131-29 or equivalent.
639	12-strand MM ISP fiber – Sunday and Holiday Hours	SRIS031	Provide and install 12-strand MM ISP fiber. Based on Corning, 12 Strand MM (OM3), OFNP, MIC, 012T88-33180-29 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
640	12-strand SM ISP fiber – Sunday and Holiday Hours	SRIS032	Provide and install 12-strand SM ISP fiber. Based on Corning, 12 Strand SM (OS2), OFNP, MIC, 012E88-33131-29 or equivalent.
641	6-strand MM OSP Underground Fiber Freedm – Sunday and Holiday Hours	SRIS033	Provide and install 6-strand MM OSP underground fiber Freedm. Based on Corning, 6 MM (OM3) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 006TSP-T4180D20 or equivalent.
642	6-strand SM OSP Underground Fiber Freedm – Sunday and Holiday Hours	SRIS034	Provide and install 6-strand SM OSP underground fiber Freedm. Based on Corning, 6 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 006ESP-T4101D20 or equivalent.
643	12-strand MM OSP Underground Fiber Freedm – Sunday and Holiday Hours	SRIS035	Provide and install 12-strand MM OSP underground fiber Freedm. Based on Corning, 12 MM (OM3) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 012TSP-T4180D20 or equivalent.
644	12-strand SM OSP Underground Fiber Freedm – Sunday and Holiday Hours	SRIS036	Provide and install 12-strand SM OSP underground fiber Freedm. Based on Corning, 12 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 012ESP-T4101D20 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
645	24-strand SM OSP Underground Fiber ALTOS – Sunday and Holiday Hours	SRIS037	Provide and install 24-strand SM OSP underground fiber ALTOS. Based on Corning, 24 SM (OS2) fiber Optic Cable, ALTOS, Loose Tube, 024ZU4-T4F22D20 or equivalent.
646	48-strand SM OSP Underground Fiber ALTOS – Sunday and Holiday Hours	SRIS038	Provide and install 48-strand SM OSP underground fiber ALTOS. Based on Corning, 48 SM (OS2) fiber Optic Cable, ALTOS, Loose Tube, 048ZU4-T4F22D20 or equivalent.
647	24-strand SM OSP Underground Fiber Freedm – Sunday and Holiday Hours	SRIS039	Provide and install 24-strand SM OSP underground fiber Freedm. Based on Corning, 24 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 024EWP-T4101D20 or equivalent.
648	48-strand SM OSP Underground Fiber Freedm – Sunday and Holiday Hours	SRIS040	Provide and install 48-strand SM OSP underground fiber Freedm. Based on Corning, 48 SM (OS2) In-Outdoor fiber Optic Cable, OFNP, Freedm, Loose Tube, 048EWP-T4101D20 or equivalent.
649	1" Innerduct Underground in Existing Duct – Sunday and Holiday Hours	SRIS041	Provide and install 1" innerduct underground in existing duct. Based on T&B, 1" innerduct, HDPE or equivalent.
650	1 1/4" Innerduct Underground in Existing Duct – Sunday and Holiday Hours	SRIS042	Provide and install 1 1/4" innerduct underground in existing duct. Based on T&B, 1-1/4" innerduct, HDPE or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
651	CAT3 25-Pair Copper ISP – Sunday and Holiday Hours	SRIS043	Provide and install 25-pair copper ISP. Based on Superior Essex, Cat3, 25 pair, CMP or equivalent.
652	25-Pair Copper Underground OSP – Sunday and Holiday Hours	SRIS044	Provide and install 25-pair copper underground OSP. Based on Superior Essex, 25 pair, OSP, PE 89, 24 AWG. or equivalent.
653	CAT3 50-Pair Copper ISP – Sunday and Holiday Hours	SRIS045	Provide and install 50-pair copper ISP. Based on Superior Essex, Cat3, 50 pair, CMP or equivalent.
654	50-Pair Copper Underground OSP – Sunday and Holiday Hours	SRIS046	Provide and install 50-pair copper underground OSP. Based on Superior Essex, 50 pair, OSP, PE 89, 24 AWG. or equivalent.
655	CAT3 100-Pair Copper ISP – Sunday and Holiday Hours	SRIS047	Provide and install 100-pair copper ISP. Based on Superior Essex, Cat3, 100 pair, CMP or equivalent.
656	100-Pair Copper Underground OSP – Sunday and Holiday Hours	SRIS048	Provide and install 100-pair copper underground OSP. Based on Superior Essex, 100 pair, OSP, PE 89, 24 AWG. or equivalent.
657	Manhole Set Up – Sunday and Holiday Hours	SRIS049	Manhole Set up. As required per Cal-OSHA; confined space entry.
658	1 1/4" CMP Innerduct, ISP, in Existing Duct – Sunday and Holiday Hours	SRIS050	Provide and install 1 1/4" CMP innerduct, ISP, in existing duct. Based on T&B, 1-1/4" innerduct, CMP or equivalent.
659	300' Cat 6 Copper ISP Circuit Extension – Sunday and Holiday Hours	SRIS051	Provide and install up to 300' Cat 6 copper ISP circuit extension. Based on Commscope, Cat6, CMP, 6504+ or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
660	300' Cat 6 Copper OSP Circuit Extension – Sunday and Holiday Hours	SRIS052	Provide and install up to 300' Cat 6 copper OSP circuit extension. Based on Commscope, Cat6, OSP, 6NF4+ or equivalent.
661	300' 25-Pair Copper ISP Circuit Extension – Sunday and Holiday Hours	SRIS053	Provide and install up to 300' 25-pair copper ISP circuit extension. Based on Superior Essex, Cat3, 25 pair, CMP or equivalent.
662	300' 25-Pair Copper OSP Circuit Extension – Sunday and Holiday Hours	SRIS054	Provide and install up to 300' 25-pair copper OSP circuit extension. Based on Superior Essex, 25 pair, OSP, PE 89, 24 AWG. or equivalent.
663	300' RG58 COAX ISP – Sunday and Holiday Hours	SRIS055	Provide and install up to 300' RG58 COAX ISP. Based on Belden, RG-58, CMP or equivalent.
664	300' RG62 COAX ISP – Sunday and Holiday Hours	SRIS056	Provide and install up to 300' RG62 COAX ISP. Based on Belden, RG-62, CMP or equivalent.
665	300' RG6 COAX ISP – Sunday and Holiday Hours	SRIS057	Provide and install up to 300' RG6 COAX ISP. Based on Belden, RG-6, CMP or equivalent.
666	300' Cat 6 Copper Indoor / Outdoor, CMR, Circuit Extension – Sunday and Holiday Hours	SRIS058	Provide and install up to 300' Cat 6 copper Indoor / Outdoor, CMR, circuit extension. Based on Mohawk, Cat6, Indoor/Outdoor, CMR, M58772 or equivalent.
667	25-Pair Protector – Sunday and Holiday Hours	SRIS059	Provide and install 25-pair protector. Based on Vertiv, 25 Pair Protector, 66in/66out, no cover, R66P25QC or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
668	50-Pair Protector – Sunday and Holiday Hours	SRIS060	Provide and install 50-pair protector. Based on Circa, 50 Pair Protector, 66in/66out, no cover, 2650QC/QC or equivalent.
669	100-Pair Protector – Sunday and Holiday Hours	SRIS061	Provide and install 100-pair protector. Based on Circa, 100 Pair Protector, 66in/66out, no cover, 26100QC/QC or equivalent.
670	4-Pair Protector – Sunday and Holiday Hours	SRIS062	Provide and install 4-pair protector. Based on ITW LINX, 4 Pair Protector, CAT6-75 or equivalent.
671	Protector Modules – Sunday and Holiday Hours	SRIS063	Provide and install protector modules. Based on Circa, Protector Module, 3B1E or equivalent.
672	66-Type Block 50 pair – Sunday and Holiday Hours	SRIS064	Provide and install 66-type Block 50 pair. Based on Simon, 50 Pair 66 Block, M1-50 or equivalent.
673	110-Style Block 100 Pair Kit – Sunday and Holiday Hours	SRIS065	Provide and install 110-style block 100 pair kit. Based on Commscope, 100 Pair 110 Block Kit, 110AB2-100FT or equivalent.
674	Rack Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber – Sunday and Holiday Hours	SRIS066	Rack Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber. Based on Corning, 24 Port Rack Mount Enclosure, CCH-01U or equivalent.
675	Rack Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber – Sunday and Holiday Hours	SRIS067	Rack Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber. Based on Corning, 48 Port Rack Mount Enclosure, CCH-02U or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
676	Wall Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber – Sunday and Holiday Hours	SRIS068	Wall Mount Fiber Cabinet, 2 Panel Capacity, 24 Fiber. Based on Corning, 24 Port Wall Mount Enclosure, WCH-02P or equivalent.
677	Wall Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber – Sunday and Holiday Hours	SRIS069	Wall Mount Fiber Cabinet, 4 Panel Capacity, 48 Fiber. Based on Corning, 48 Port Wall Mount Enclosure, WCH-04P or equivalent.
678	6-Strand Connector Panel MM 50/125 SC – Sunday and Holiday Hours	SRIS070	6-strand connector panel MM 50/125 SC. Based on Corning, 6-strand connector panel MM 50/125 SC, CCH-CP06-E7 or equivalent.
679	6-Strand Connector Panel MM 50/125 LC – Sunday and Holiday Hours	SRIS071	6-strand connector panel MM 50/125 LC. Based on Corning, 6-strand connector panel MM 50/125 LC, CCH-CP06-E4 or equivalent.
680	6-Strand Connector Panel MM 62.5/125 SC – Sunday and Holiday Hours	SRIS072	6-strand connector panel MM 62.5/125 SC. Based on Corning, 6-strand connector panel MM 62.5/125 SC, CCH-CP06-91 or equivalent.
681	6-Strand Connector Panel MM 62.5/125 LC – Sunday and Holiday Hours	SRIS073	6-strand connector panel MM 62.5/125 LC. Based on Corning, 6-strand connector panel MM 62.5/125 LC, CCH-CP06-A8 or equivalent.
682	12-Strand Connector Panel MM 50/125 SC – Sunday and Holiday Hours	SRIS074	12-strand connector panel MM 50/125 SC. Based on Corning, 12-strand connector panel MM 50/125 SC, CCH-CP12-E7 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
683	12-Strand Connector Panel MM 50/125 LC – Sunday and Holiday Hours	SRIS075	12-strand connector panel MM 50/125 LC. Based on Corning, 12-strand connector panel MM 50/125 LC, CCH-CP12-E4 or equivalent.
684	12-Strand Connector Panel MM 62.5/125 SC – Sunday and Holiday Hours	SRIS076	12-strand connector panel MM 62.5/125 SC. Based on Corning, 12-strand connector panel MM 62.5/125 SC, CCH-CP12-91 or equivalent.
685	12-Strand Connector Panel MM 62.5/125 LC – Sunday and Holiday Hours	SRIS077	12-strand connector panel MM 62.5/125 LC. Based on Corning, 12-strand connector panel MM 62.5/125 LC, CCH-CP12-A8 or equivalent.
686	6-Strand Connector Panel SM SC – Sunday and Holiday Hours	SRIS078	6-strand connector panel SM SC. Based on Corning, 6-strand connector panel SM SC, CCH-CP06-59 or equivalent.
687	6-Strand Connector Panel SM LC – Sunday and Holiday Hours	SRIS079	6-strand connector panel SM LC. Based on Corning, 6-strand connector panel SM LC, CCH-CP06-A9 or equivalent.
688	12-Strand Connector Panel SM SC – Sunday and Holiday Hours	SRIS080	12-strand connector panel SM SC. Based on Corning, 12-strand connector panel SM SC, CCH-CP12-59 or equivalent.
689	12-Strand Connector Panel SM LC – Sunday and Holiday Hours	SRIS081	12-strand connector panel SM LC. Based on Corning, 12-strand connector panel SM LC, CCH-CP12-A9 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
690	SC Compatible 50µm Multimode Connector, Anaerobic (Material Only) – Sunday and Holiday Hours	SRIS082	SC Compatible 50µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
691	SC Compatible 62.5µm Multimode Connector, Anaerobic (Material Only) – Sunday and Holiday Hours	SRIS083	SC Compatible 62.5µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
692	SC Compatible Single Mode Connector, Anaerobic (Material Only) – Sunday and Holiday Hours	SRIS084	SC Compatible Single Mode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
693	LC Compatible 50µm Multimode Connector, Anaerobic (Material Only) – Sunday and Holiday Hours	SRIS085	LC Compatible 50µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
694	LC Compatible 62.5µm Multimode Connector, Anaerobic (Material Only) – Sunday and Holiday Hours	SRIS086	LC Compatible 62.5µm Multimode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.
695	LC Compatible Single Mode Connector, Anaerobic (Material Only) – Sunday and Holiday Hours	SRIS087	LC Compatible Single Mode connector, Anaerobic (material only). Anaerobic Connector. Restrictions: must be ordered in conjunction with terminating and testing.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
696	RG-58 BNC Connector, Crimp Type, for CMP Cable – Sunday and Holiday Hours	SRIS088	RG-58 BNC Connector, Crimp Type, For CMP cable. Based on Allen-Tel, RG-58 BNC Connector, Crimp Type, For CMP cable, GBNC58-PH or equivalent.
697	RG-62 BNC Connector, Crimp Type, for CMP Cable – Sunday and Holiday Hours	SRIS089	RG-62 BNC Connector, Crimp Type, for CMP cable. Based on Allen-Tel, RG-62 BNC Connector, Crimp Type, for CMP cable, GBNC60-PO or equivalent.
698	RG-6 F Connector, Compression Type, for CMP Cable – Sunday and Holiday Hours	SRIS090	RG-6 F Connector, Compression Type, for CMP cable. Based on Allen-Tel, RG-6 F Connector, Compression Type, for CMP cable, CT746 or equivalent.
699	Fan Out Kit, 6 Strand – Sunday and Holiday Hours	SRIS091	Fan Out Kit, 6 Strand. Based on Corning, Fan Out Kit, 6 Strand, FAN-BT25-06 or equivalent.
700	Multimode 62.5/125 SC To SC 1 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS092	Multimode 62.5/125 SC To SC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
701	Multimode 62.5/125 SC To SC 3 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS093	Multimode 62.5/125 SC To SC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
702	Multimode 62.5/125 SC To LC 1 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS094	Multimode 62.5/125 SC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
703	Multimode 62.5/125 SC To LC 3 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS095	Multimode 62.5/125 SC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
704	Multimode 62.5/125 LC To LC 1 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS096	Multimode 62.5/125 LC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
705	Multimode 62.5/125 LC To LC 3 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS097	Multimode 62.5/125 LC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
706	Multimode 50/125 SC To SC 1 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS098	Multimode 50/125 SC To SC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
707	Multimode 50/125 SC To SC 3 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS099	Multimode 50/125 SC To SC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
708	Multimode 50/125 SC To LC 1 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS100	Multimode 50/125 SC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
709	Multimode 50/125 SC To LC 3 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS101	Multimode 50/125 SC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
710	Multimode 50/125 LC To LC 1 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS102	Multimode 50/125 LC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord
711	Multimode 50/125 LC To LC 3 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS103	Multimode 50/125 LC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
712	Single Mode 9/125 SC To SC 1 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS104	Single Mode 9/125 SC To SC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
713	Single Mode 9/125 SC To SC 3 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS105	Single Mode 9/125 SC To SC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
714	Single Mode 9/125 SC To LC 1 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS106	Single Mode 9/125 SC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
715	Single Mode 9/125 SC To LC 3 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS107	Single Mode 9/125 SC To LC 3 Meter Duplex Patch Cable. Duplex Fiber Patch cord.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
716	Single Mode 9/125 LC To LC 1 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS108	Single Mode 9/125 LC To LC 1 Meter Duplex Patch Cable. Duplex Fiber Patch cord.
717	Single Mode 9/125 LC To LC 3 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS109	Single Mode 9/125 LC To LC 3 Meter Duplex Patch Cable. Based on Single Mode 9/125 LC To LC 3 Meter Patch Cable or equivalent.
718	SC to Pigtail 50µm Multimode, 1 Meter – Sunday and Holiday Hours	SRIS110	SC to pigtail 50µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
719	SC to Pigtail 62.5µm Multimode, 1 Meter – Sunday and Holiday Hours	SRIS111	SC to pigtail 62.5µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
720	SC to Pigtail Single Mode, 1 Meter – Sunday and Holiday Hours	SRIS112	SC to pigtail Single Mode, 1 Meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
721	LC to Pigtail 50µm Multimode, 1 Meter – Sunday and Holiday Hours	SRIS113	LC to pigtail 50µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
722	LC to Pigtail 62.5µm Multimode, 1 Meter – Sunday and Holiday Hours	SRIS114	LC to pigtail 62.5µm Multimode, 1 meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
723	LC to Pigtail Single Mode, 1 Meter – Sunday and Holiday Hours	SRIS115	LC to pigtail Single Mode, 1 Meter (material only). Restrictions: must be ordered in conjunction with terminating and testing.
724	SC Compatible 50µm Multimode Connector – Sunday and Holiday Hours	SRIS116	SC Compatible 50µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
725	SC Compatible 62.5µm Multimode Connector – Sunday and Holiday Hours	SRIS117	SC Compatible 62.5µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
726	SC Compatible Single Mode Connector – Sunday and Holiday Hours	SRIS118	SC Compatible Single Mode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
727	LC Compatible 50µm Multimode Connector – Sunday and Holiday Hours	SRIS119	LC Compatible 50µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.
728	LC Compatible 62.5µm Multimode Connector – Sunday and Holiday Hours	SRIS120	LC Compatible 62.5µm Multimode connector (material only). Based on Unicam; UPC Rated or equivalent. Restrictions: must be ordered in conjunction with terminating and testing.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
729	LC Compatible Single Mode Connector – Sunday and Holiday Hours	SRIS121	LC Compatible Single Mode connector (material only). Restrictions: must be ordered in conjunction with terminating and testing.
730	Fan Out Kit, 12 Strand – Sunday and Holiday Hours	SRIS122	Fan Out Kit, 12 Strand. Based on Corning, Fan Out Kit, 12 Strand, FAN-BT25-12 or equivalent.
731	Copper Cable Splicing, Termination and Testing Per Pair – Sunday and Holiday Hours	SRIS123	Copper cable splicing, termination and testing per pair (25 pair and larger). Based on 710 type copper splicing module or equivalent. As per industry practices splicing modules are used to splice 25 pair and larger.
732	Copper cable Termination Per Pair – Sunday and Holiday Hours	SRIS124	Copper cable termination per pair (25 pair and larger). Based on 66 type or 110 type terminations or equivalent.
733	Copper Cable Splicing Per Pair – Sunday and Holiday Hours	SRIS125	Copper cable splicing per pair (25 pair and larger). Based on 710 type copper splicing or equivalent.
734	Copper Cable Testing Per Pair – Sunday and Holiday Hours	SRIS126	Copper cable testing per pair (25 pair and larger). Based on continuity test only.
735	Fiber Splicing, Termination and Testing Per Strand (Both Ends) – Sunday and Holiday Hours	SRIS127	Fiber splicing, termination and testing per strand (both ends). Based on standard fusion splicing, per strand (both ends).
736	Fiber Termination Per Strand (One End) – Sunday and Holiday Hours	SRIS128	Fiber termination per strand (one end). Based on fiber termination per strand (one end).
737	Fiber Splicing Per Strand (One End) – Sunday and Holiday Hours	SRIS129	Fiber splicing per strand (one end). Based on standard fusion splicing, per strand (one end).

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
738	Fiber Testing Per Strand – Sunday and Holiday Hours	SRIS130	Fiber testing per strand. Based on power meter testing per strand.
739	4-pair CAT5e Termination and Testing – Sunday and Holiday Hours	SRIS131	4-pair CAT5e termination and testing.
740	4-pair Cat 6 Termination and Testing – Sunday and Holiday Hours	SRIS132	4-pair Cat 6 termination and testing.
741	4-pair Cat 6 Jacking – Sunday and Holiday Hours	SRIS133	4-pair Cat 6 jacking
742	4-pair Cat 6 Termination – Sunday and Holiday Hours	SRIS134	4-pair Cat 6 termination
743	4-pair Cat 6 Testing – Sunday and Holiday Hours	SRIS135	4-pair Cat 6 testing
744	4-pair Cat 6A Termination and Testing – Sunday and Holiday Hours	SRIS136	4-pair Cat 6A termination and testing
745	4-pair Cat 6A Jacking – Sunday and Holiday Hours	SRIS137	4-pair Cat 6A jacking
746	4-pair Cat 6A Termination – Sunday and Holiday Hours	SRIS138	4-pair Cat 6A Termination
747	4-pair Cat 6A Testing – Sunday and Holiday Hours	SRIS139	4-pair Cat 6A Testing
748	Single 4-Pair Cat 6 PVC Cable – Sunday and Holiday Hours	SRIS140	Install single 4-pair Cat 6 PVC cable for voice or data application. Based on Commscope, Cat6, CMR, 65N4+ or equivalent.
749	Single 4-Pair Cat 6 Plenum Cable – Sunday and Holiday Hours	SRIS141	Install single 4-pair Cat 6 plenum cable for voice or data application. Based on Commscope, Cat6, CMP, 6504+ or equivalent.
750	Single 4-Pair Cat 6 OSP Cable – Sunday and Holiday Hours	SRIS142	Install single 4-pair Cat 6 OSP cable for voice or data application. Based on Commscope, Cat6, OSP, 6NF4+ or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
751	Single 4-Pair Cat 6A PVC Cable – Sunday and Holiday Hours	SRIS143	Install single 4-pair Cat 6A PVC cable for voice or data application. Based on Commscope, Cat6A, CMR, 10GN4 or equivalent.
752	Single 4-Pair Cat 6A Plenum Cable – Sunday and Holiday Hours	SRIS144	Install single 4-pair Cat 6A plenum cable for voice or data application. Based on Commscope, Cat6A, CMP, 10G4 or equivalent.
753	Single 4-Pair Cat 6A OSP Cable – Sunday and Holiday Hours	SRIS145	Install single 4-pair Cat 6A OSP cable for voice or data application. Based on Mohawk, Cat6A, OSP, M59198 or equivalent.
754	Single 4-Pair Cat 6 Indoor / Outdoor CMR Cable – Sunday and Holiday Hours	SRIS146	Install single 4-pair Cat 6 Indoor / Outdoor CMR cable for voice or data application. Based on Mohawk, Cat6, Indoor/Outdoor, CMR, M58772 or equivalent.
755	Single 4-Pair Cat 6A Indoor / Outdoor CMR Cable – Sunday and Holiday Hours	SRIS147	Install single 4-pair Cat 6A Indoor / Outdoor CMR cable for voice or data application. Based on Mohawk, Cat6A, Indoor/Outdoor, CMR, M59202 or equivalent.
756	24-Port Unloaded Cat 6A Patch Panel – Sunday and Holiday Hours	SRIS148	Provide and install one 24-port unloaded Cat 6A Patch Panel. Based on Commscope, 24 Port Cat6A Modular (Jack Type) Panel, Unloaded, M2000-24 1U or equivalent.
757	48-Port Unloaded Cat 6A Patch Panel – Sunday and Holiday Hours	SRIS149	Provide and install one 48-port unloaded Cat 6A Patch Panel. Based on Commscope, 48 Port Cat6A Modular (Jack Type) Panel, Unloaded, M2000-48 2U or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
758	24-Port Cat 6 Patch Panel – Sunday and Holiday Hours	SRIS150	Provide and install new 24-port Cat 6 patch panel. Based on Commscope, 24 Port Cat6 Patch Panel, UNP-U-610-1U-24 or equivalent.
759	48-Port Cat 6 Patch Panel – Sunday and Holiday Hours	SRIS151	Provide and install new 48-port Cat 6 patch panel. Based on Commscope, 48 Port Cat6 Patch Panel, UNP-U-610-2U-48 or equivalent.
760	24-Port Cat 6A Patch Panel – Sunday and Holiday Hours	SRIS152	Provide and install new 24-port Cat 6A patch panel. Based on Commscope, 24 Port Cat6A Patch Panel, UNP-U-10G-1U-24 or equivalent.
761	48-Port Cat 6A Patch Panel – Sunday and Holiday Hours	SRIS153	Provide and install new 48-port Cat 6A patch panel. Based on Commscope, 48 Port Cat6A Patch Panel, UNP-U-10G-2U-48 or equivalent.
762	12-Port Cat 6 Patch Panel – Sunday and Holiday Hours	SRIS154	Provide and install new 12-port Cat 6 patch panel. Based on Commscope, 12 Port Cat6 Patch Panel, UNP610-WM-12P or equivalent.
763	Face Plate Plastic – Sunday and Holiday Hours	SRIS155	Provide and install face plate plastic. Based on Commscope, 4 Port Faceplate, Plastic, M14L or equivalent.
764	Modular Furniture Device Plate – Sunday and Holiday Hours	SRIS156	Provide and install modular furniture device plate. Based on Commscope, Modular Furniture Faceplate, M14C or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
765	4-Port Stainless Steel Faceplate – Sunday and Holiday Hours	SRIS157	Provide and install 4-port stainless steel faceplate. Based on Commscope, 4 Port Faceplate, Stainless Steel, M14SP or equivalent.
766	6-Port Stainless Steel Faceplate – Sunday and Holiday Hours	SRIS158	Provide and install 6-port stainless steel faceplate. Based on Commscope, 6 Port Faceplate, Stainless Steel, M16SP-L or equivalent.
767	Cat 6 Jack Insert – Sunday and Holiday Hours	SRIS159	Cat 6 jack insert. Based on Commscope, Cat 6 jack insert, UNJ600 or equivalent.
768	Cat 6A Jack Insert – Sunday and Holiday Hours	SRIS160	Cat 6A jack insert. Based on Commscope, Cat 6A jack insert, UNJ10G or equivalent.
769	3' Cat 5e Patch Cord – Sunday and Holiday Hours	SRIS161	3' Cat 5e patch cord. Based on Allen-Tel, 3' Cat 5e patch cord, AT1503EV-BU or equivalent.
770	10' Cat 5e Patch Cord – Sunday and Holiday Hours	SRIS162	10' Cat 5e patch cord. Based on Allen-Tel, 10' Cat 5e patch cord, AT1510EV-BU or equivalent.
771	3' Cat 6 Patch Cord – Sunday and Holiday Hours	SRIS163	3' Cat 6 patch cord. Based on Allen-Tel, 3' Cat 6 patch cord, AT1603-BU or equivalent.
772	10' Cat 6 Patch Cord – Sunday and Holiday Hours	SRIS164	10' Cat 6 patch cord. Based on Allen-Tel, 10' Cat 6 patch cord, AT1610-BU or equivalent.
773	Velcro Ties – Sunday and Holiday Hours	SRIS165	Velcro Ties (roll 25 yards). Based on Velcro USA, Velcro Ties (roll 25 yards), 3/4", non-plenum rated, 189645 or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
774	6.5" Fiber Splice Closure – Sunday and Holiday Hours	SRIS166	Fiber splice closure. Based on Preformed, Fiber splice closure 6.5" x 22", 8006560 or equivalent.
775	Fiber Splice Tray – Sunday and Holiday Hours	SRIS167	Fiber splice tray. Based on Preformed, Fiber splice tray, 36 Strand, 80805110 or equivalent.
776	Copper Splice Case 4.0x25 – Sunday and Holiday Hours	SRIS168	Copper splice case 4.0x25. Based on Preformed, Copper splice case, SS, 4.0" x 25", 8000624 or equivalent.
777	Copper Splice Case 6.5x28 – Sunday and Holiday Hours	SRIS169	Copper splice case 6.5x28. Based on Preformed, Copper splice case, SS, 6.5" x 28", 8000626 or equivalent.
778	Copper Splice Module 25 Pair (Material Only) – Sunday and Holiday Hours	SRIS170	Copper splice module 25 pair (material only). Based on 3M, Copper splice module 25 pair, 710, 3M710-TCL-25 or equivalent. Restrictions: must be ordered in conjunction with copper splicing and testing.
779	Standoff Bracket for 66 Block (Material Only) – Sunday and Holiday Hours	SRIS171	Standoff Bracket for 66 Block (Material Only). Based on Siemon, Standoff Bracket, S89B or equivalent. Restrictions: must be ordered in conjunction with 66-type Block.
780	Rod & Rope Conduit – Sunday and Holiday Hours	SRIS172	Rod & rope conduit. Pull string or rope provided by contractor. Rope will be sized appropriately to cable.
781	Stick (10') of 1" EMT & Three (3) 2-Hole Straps – Sunday and Holiday Hours	SRIS173	Provide and install one stick (10') of 1" EMT & three (3) 2-hole straps

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
782	Stick (10') of 1 1/4" EMT & Three (3) 2-Hole Straps – Sunday and Holiday Hours	SRIS174	Provide and install one stick (10') of 1 1/4" EMT & three (3) 2-hole straps
783	Stick (10') of 2" EMT Three (3) 2-Hole Straps – Sunday and Holiday Hours	SRIS175	Provide and install one stick (10') of 2" EMT & three (3) 2-hole straps
784	Stick (10') of 1" Rigid & Three (3) 2-Hole Straps – Sunday and Holiday Hours	SRIS176	Provide and install one stick (10') of 1" Rigid & three (3) 2-hole straps
785	Stick (10') of 1 1/4" Rigid & Three (3) 2-Hole Straps – Sunday and Holiday Hours	SRIS177	Provide and install one stick (10') of 1 1/4" Rigid & three (3) 2-hole straps
786	Stick (10') of 2" Rigid & Three (3) 2-Hole Straps – Sunday and Holiday Hours	SRIS178	Provide and install one stick (10') of 2" Rigid & three (3) 2-hole straps
787	1" EMT Stub – Sunday and Holiday Hours	SRIS179	Provide and install one 1" EMT Stub up from device box to above ceiling and straps, connector and bushing. Assumes walls shall be open new construction or surface mount on existing walls; does not include opening or closing of walls.
788	1" 2-Hole Strap, EMT – Sunday and Holiday Hours	SRIS180	1" 2-Hole Strap, EMT
789	1" Bushing, EMT – Sunday and Holiday Hours	SRIS181	1" Bushing, EMT
790	1" Compression Connector, EMT – Sunday and Holiday Hours	SRIS182	1" Compression Connector, EMT
791	1" Compression Coupler, EMT – Sunday and Holiday Hours	SRIS183	1" Compression Coupler, EMT
792	1" Unistrut Clamp, EMT – Sunday and Holiday Hours	SRIS184	1" Unistrut Clamp, EMT
793	2" 2-Hole Strap, EMT – Sunday and Holiday Hours	SRIS185	2" 2-Hole Strap, EMT
794	2" Bushing, EMT – Sunday and Holiday Hours	SRIS186	2" Bushing, EMT

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
795	2" Compression Connector, EMT – Sunday and Holiday Hours	SRIS187	2" Compression Connector, EMT
796	2" Compression Coupler, EMT – Sunday and Holiday Hours	SRIS188	2" Compression Coupler, EMT
797	2" Unistrut Clamp, EMT – Sunday and Holiday Hours	SRIS189	2" Unistrut Clamp, EMT
798	3" 2-Hole Strap, EMT – Sunday and Holiday Hours	SRIS190	3" 2-Hole Strap, EMT
799	3" Bushing, EMT – Sunday and Holiday Hours	SRIS191	3" bushing, EMT
800	3" Compression Connector, EMT – Sunday and Holiday Hours	SRIS192	3" Compression Connector, EMT
801	3" Compression Coupler, EMT – Sunday and Holiday Hours	SRIS193	3" Compression Coupler, EMT
802	3" Unistrut Clamp, EMT – Sunday and Holiday Hours	SRIS194	3" Unistrut Clamp, EMT
803	4" 2-Hole Strap, EMT – Sunday and Holiday Hours	SRIS195	4" 2-Hole Strap, EMT
804	4" Bushing, EMT – Sunday and Holiday Hours	SRIS196	4" Bushing, EMT
805	4" Compression Connector, EMT – Sunday and Holiday Hours	SRIS197	4" Compression Connector, EMT
806	4" Compression Coupler, EMT – Sunday and Holiday Hours	SRIS198	4" Compression Coupler, EMT
807	4" Unistrut Clamp, EMT – Sunday and Holiday Hours	SRIS199	4" Unistrut Clamp, EMT
808	1" 2-Hole Strap, Rigid – Sunday and Holiday Hours	SRIS200	1" 2-Hole Strap, Rigid
809	1" Bushing, Rigid – Sunday and Holiday Hours	SRIS201	1" Bushing, Rigid
810	1" Compression Connector, Rigid – Sunday and Holiday Hours	SRIS202	1" Compression Connector, Rigid
811	1" Compression Coupler, Rigid – Sunday and Holiday Hours	SRIS203	1" Compression Coupler, Rigid

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
812	1" Unistrut Clamp, Rigid – Sunday and Holiday Hours	SRIS204	1" Unistrut Clamp, Rigid
813	2" 2-Hole Strap, Rigid – Sunday and Holiday Hours	SRIS205	2" 2-Hole Strap, Rigid
814	2" Bushing, Rigid – Sunday and Holiday Hours	SRIS206	2" Bushing, Rigid
815	2" Compression Connector, Rigid – Sunday and Holiday Hours	SRIS207	2" Compression Connector, Rigid
816	2" Compression Coupler, Rigid – Sunday and Holiday Hours	SRIS208	2" Compression Coupler, Rigid
817	2" Unistrut Clamp, Rigid – Sunday and Holiday Hours	SRIS209	2" Unistrut Clamp, Rigid
818	2" J-Hook w/ Multi-Purpose Clip – Sunday and Holiday Hours	SRIS210	2" J-Hook w/ Multi-Purpose Clip
819	Bell Box – Sunday and Holiday Hours	SRIS211	Bell box (raco 5387-0)
820	8"x8"x6" Pull Box NEMA 1 – Sunday and Holiday Hours	SRIS212	8"x8"x6" Pull Box NEMA 1
821	12"x12"x8" NEMA – 1 Junction Box NEMA 1 – Sunday and Holiday Hours	SRIS213	12"x12"x8" NEMA – 1 Junction Box NEMA 1
822	12"x12"x8" NEMA – 1 Junction Box NEMA 3 – Sunday and Holiday Hours	SRIS214	12"x12"x8" NEMA – 1 Junction Box NEMA 3
823	Install Customer Provided WAP – Sunday and Holiday Hours	SRIS215	Install customer provided WAP (Wireless Access Point); (does not include configuration). Assumes customer provided WAP includes installation kit. Installation shall be limited to either drop ceiling or wall mount type installation; no custom installation.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
824	WAP Enclosure – Sunday and Holiday Hours	SRIS216	Provide and install WAP (Wireless Access Point) Enclosure. Based on Oberon, WAP (Wireless Access Point) Enclosure, 1024-00 or equivalent.
825	Install Customer Provided Camera – Sunday and Holiday Hours	SRIS217	Install customer provided Camera (does not include configuration). Customer is responsible for location and orientation of cameras. Only for CCTV system, not for public emergency systems.
826	Install Customer Provided Paging Speaker - Drop Tile Ceiling – Sunday and Holiday Hours	SRIS218	Install Customer Provided Paging Speaker - Drop Tile Ceiling
827	Unistrut Slotted 7/8" – Sunday and Holiday Hours	SRIS219	Unistrut Slotted 7/8"
828	1" Unistrut Straps – Sunday and Holiday Hours	SRIS220	1" Unistrut Straps
829	2" Unistrut Straps – Sunday and Holiday Hours	SRIS221	2" Unistrut Straps
830	1" EMT Sleeve – Sunday and Holiday Hours	SRIS222	1" EMT sleeve (core or penetration not included)
831	2" EMT Sleeve – Sunday and Holiday Hours	SRIS223	2" EMT sleeve (core or penetration not included)
832	3" EMT Sleeve – Sunday and Holiday Hours	SRIS224	3" EMT sleeve (core or penetration not included)
833	4" EMT Sleeve – Sunday and Holiday Hours	SRIS225	4" EMT sleeve (core or penetration not included)
834	8"x8"x6" Pull Box NEMA R3	SRIS226	8"x8"x6" Pull Box NEMA R3
835	18"x18"x8" Pull Box NEMA R3	SRIS227	18"x18"x8" Pull Box NEMA R3
836	24"x24"x8" Pull Box NEMA R3	SRIS228	24"x24"x8" Pull Box NEMA R3
837	2" Entrance Fitting (Weatherhead)	SRIS229	2" Entrance Fitting (Weatherhead)
838	2" Set Screw Connector, EMT – Sunday and Holiday Hours	SRIS230	2" Set Screw Connector, EMT

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
839	2" Set Screw Coupling, EMT – Sunday and Holiday Hours	SRIS231	2" Set Screw Coupling, EMT
840	Stick (10') of 3" EMT & Three (3) 2-Hole Straps – Sunday and Holiday Hours	SRIS232	Provide and install one stick (10') of 3" EMT & three (3) 2-hole straps
841	3" Set Screw Connector, EMT – Sunday and Holiday Hours	SRIS233	3" Set Screw Connector, EMT
842	3" Set Screw Coupling, EMT – Sunday and Holiday Hours	SRIS234	3" Set Screw Coupling, EMT
843	Stick (10') of 4" EMT & Three (3) 2-Hole Straps – Sunday and Holiday Hours	SRIS235	Provide and install one stick (10') of 4" EMT & three (3) 2-hole straps
844	4" Set Screw Connector, EMT – Sunday and Holiday Hours	SRIS236	4" Set Screw Connector, EMT
845	4" Set Screw Coupling, EMT – Sunday and Holiday Hours	SRIS237	4" Set Screw Coupling, EMT
846	Unistrut Slotted 1-5/8" – Sunday and Holiday Hours	SRIS238	Unistrut Slotted 1-5/8"
847	Surface Mount Box – Sunday and Holiday Hours	SRIS239	Surface mount box; based on 4S, J-Box or equivalent.
848	LD10 Surface Mount Raceway, 6 Foot Section – Sunday and Holiday Hours	SRIS240	Provide and install LD10 Surface Mount Raceway, 6 Foot Section. Based on Panduit, LD10 Surface Mount Raceway, 6 Foot Section, LD10IW6-A or equivalent.
849	LD10 Coupler – Sunday and Holiday Hours	SRIS241	Provide and install LD10 Coupler. Based on Panduit, LD10 Coupler, CFX10IW-X or equivalent.
850	LD10 Right Angle – Sunday and Holiday Hours	SRIS242	Provide and install LD10 Right Angle. Based on Panduit, LD10 Right Angle, RAFC10IW-X or equivalent.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
851	LD10 Inside Corner – Sunday and Holiday Hours	SRIS243	Provide and install LD10 Inside Corner. Based on Panduit, LD10 Inside Corner, ICFC10IW-X or equivalent.
852	LD10 Outside Corner – Sunday and Holiday Hours	SRIS244	Provide and install LD10 Outside Corner. Based on Panduit, LD10 Outside Corner, OCF10IW-X or equivalent.
853	LD10 Tee – Sunday and Holiday Hours	SRIS245	Provide and install LD10 Tee. Based on Panduit, LD10 Tee, TFC10IW-X or equivalent.
854	LD10 Drop Ceiling Entrance – Sunday and Holiday Hours	SRIS246	Provide and install LD10 Drop Ceiling Entrance. Based on Panduit, LD10 Drop Ceiling Entrance, DCF10IW-X or equivalent.
855	Plastic Single Gang Box, Deep – Sunday and Holiday Hours	SRIS247	Provide and install Plastic Single Gang Box, Deep. Based on Panduit, Plastic Single Gang Box, Deep, JB1DIW-A or equivalent.
856	Core Drilling, 1" Hole – Sunday and Holiday Hours	SRIS248	Core Drilling, 1" Hole
857	Core Drilling, 2" Hole – Sunday and Holiday Hours	SRIS249	Core Drilling, 2" Hole
858	Core Drilling, 3" Hole – Sunday and Holiday Hours	SRIS250	Core Drilling, 3" Hole
859	Core Drilling, 4" Hole – Sunday and Holiday Hours	SRIS251	Core Drilling, 4" Hole
860	Wall Penetration - Drywall – Sunday and Holiday Hours	SRIS252	Wall penetration – drywall. Includes 1 single gang mud ring only.
861	Scissor Lift Rental (20') – Sunday and Holiday Hours	SRIS253	Scissor Lift Rental (20') (Includes daily rate, pickup and delivery fees). Technician use of lift shall meet CAL OSHA standards.
862	Fire Seal Penetration, 1" Hole – Sunday and Holiday Hours	SRIS254	Fire Seal Penetration, 1" Hole

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
863	Fire Seal Penetration, 2" Hole – Sunday and Holiday Hours	SRIS255	Fire Seal Penetration, 2" Hole
864	Fire Seal Penetration, 3" Hole – Sunday and Holiday Hours	SRIS256	Fire Seal Penetration, 3" Hole
865	Fire Seal Penetration, 4" Hole – Sunday and Holiday Hours	SRIS257	Fire Seal Penetration, 4" Hole
866	Firestop, Moldable Putty Stick (Material Only) – Sunday and Holiday Hours	SRIS258	Firestop, Moldable Putty Stick (Material Only). Restrictions: must be ordered in conjunction with Fire Seal Penetration.
867	Demolish, Remove, Wreck Cabling - Inside Wiring - Per Cable – Sunday and Holiday Hours	SRIS259	Demolish, Remove, Wreck Cabling - Inside Wiring - Per Cable. Salvage value to be forfeited by client.
868	Demolish, Remove, Wreck Equipment - Ancillaries Component – Sunday and Holiday Hours	SRIS260	Demolish, Remove, Wreck Equipment - Ancillaries Component (Ex: Patch panel, Rack, Etc). Does not include removal and disposal of batteries or UPS.
869	Relocate Existing Telephone Handset – Sunday and Holiday Hours	SRIS261	Relocate existing telephone handset (same HC/TC on existing cabling) - includes cross-connect, testing, and documentation. Includes up to 20' of 1 pair cross-connect wire
870	Install New Cross-Connect – Sunday and Holiday Hours	SRIS262	Install new cross-connect. Includes up to 20' of 1 pair cross-connect wire.
871	Locate and Identify Circuit – Sunday and Holiday Hours	SRIS263	Locate and Identify circuit - includes tone and tag and document.

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
872	# 6 AWG Conductor – Sunday and Holiday Hours	SRIS264	Provide and install # 6 AWG conductor to existing building electrode system. This is the approved gauge conductor per code; building must have existing ground electrode system to bond to.
873	Busbar (TMGB Busbar) – Sunday and Holiday Hours	SRIS265	Provide and install Busbar (TMGB Busbar). This is the approved telecom busbar.
874	Bonding Conduit - 1/2" EMT – Sunday and Holiday Hours	SRIS266	Bonding Conduit - 1/2" EMT. This conduit is required when ground conductor traverses interior of building.
875	Performance Bond Fee – Sunday and Holiday Hours	SRIS269	Performance Bond Fee
876	AHJ Permit Fee – Sunday and Holiday Hours	SRIS270	AHJ Permit Fee
877	Permit Handling Fee – Sunday and Holiday Hours	SRIS271	Permit Handling Fee. Handling Fee Only
878	Service Entrance Adjustable Wire Holder (Clamp on) – Sunday and Holiday Hours	SRIS272	Service Entrance Adjustable Wire Holder (Clamp on)
879	3/4" x 4' x 4' fire rated un-painted plywood backboard -Sunday and Holiday Hours	SRIS268	3/4" x 4' x 4' fire rated un-painted plywood backboard
880	Cube-iT 19U Wall Mount Cabinet (24" deep, Tinted window)- Sunday and Holiday Hours	SRIS273	Cube-iT 19U Wall Mount Cabinet (24" deep, Tinted window)
881	Cube-iT Replacement Filter Kit– Sunday and Holiday Hours	SRIS274	Cube-iT Replacement Filter Kit

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
882	26"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure– Sunday and Holiday Hours	SRIS275	26"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure
883	36"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure– Sunday and Holiday Hours	SRIS276	36"Hx26"Wx8.5"D Thinline II Wallmount Hinged Door Enclosure
884	Thinline II Duplex Receptacle Surge- Supressed– Sunday and Holiday Hours	SRIS277	Thinline II Duplex Receptacle Surge- Supressed
885	Thinline II Intelligent Fan kit– Sunday and Holiday Hours	SRIS278	Thinline II Intelligent Fan kit
886	14.5"Hx23.63"Wx17.7"D SmartRack Low Profile 6U Locking Wall Enclosure– Sunday and Holiday Hours	SRIS279	14.5"Hx23.63"Wx17.7"D SmartRack Low Profile 6U Locking Wall Enclosure
887	1-1/4" CMR innerduct – Sunday and Holiday Hours	SRIS289	1-1/4" CMR innerduct
888	Rod and rope duct and place up to 3 - 1" HDPE innerducts– Sunday and Holiday Hours	SRIS290	Rod and rope duct and place up to 3 - 1" HDPE innerducts
889	Multimode 62.5/125 SC To SC 10 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS296	Multimode 62.5/125 SC To SC 10 Meter Duplex Patch Cable
890	Multimode 62.5/125 SC To LC 10 Meter Duplex Patch Cable– Sunday and Holiday Hours	SRIS298	Multimode 62.5/125 SC To LC 10 Meter Duplex Patch Cable
891	Multimode 62.5/125 LC To LC 10 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS300	Multimode 62.5/125 LC To LC 10 Meter Duplex Patch Cable

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
892	Multimode 50/125 SC To SC 10 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS302	Multimode 50/125 SC To SC 10 Meter Duplex Patch Cable
893	Multimode 50/125 SC To LC 10 Meter Duplex Patch Cable– Sunday and Holiday Hours	SRIS304	Multimode 50/125 SC To LC 10 Meter Duplex Patch Cable
894	Multimode 50/125 LC To LC 10 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS306	Multimode 50/125 LC To LC 10 Meter Duplex Patch Cable
895	Single Mode 9/125 SC To SC 10 Meter Duplex Patch Cable– Sunday and Holiday Hours	SRIS308	Single Mode 9/125 SC To SC 10 Meter Duplex Patch Cable
896	Single Mode 9/125 SC To LC 10 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS310	Single Mode 9/125 SC To LC 10 Meter Duplex Patch Cable
897	Single Mode 9/125 LC To LC 10 Meter Duplex Patch Cable – Sunday and Holiday Hours	SRIS312	Single Mode 9/125 LC To LC 10 Meter Duplex Patch Cable
898	Surface Mount Box (SMB), 1-4 Port– Sunday and Holiday Hours	SRIS320	Surface Mount Box (SMB), 1-4 Port
899	5' Cat 6 patch cord – Sunday and Holiday Hours	SRIS326	5' Cat 6 patch cord
900	7' Cat 6 patch cord – Sunday and Holiday Hours	SRIS327	7' Cat 6 patch cord
901	15' Cat 6 patch cord – Sunday and Holiday Hours	SRIS328	15' Cat 6 patch cord
902	25' Cat 6 patch cord – Sunday and Holiday Hours	SRIS329	25' Cat 6 patch cord

Table 15.3.2.b – Unsolicited Extended Demarcation Wiring Services			
	Feature Name	Bidder's CALNET Product Identifier	Bidder's Description
903	1" J-Hook w/multipurpose clip– Sunday and Holiday Hours	SRIS336	1" J-Hook w/multipurpose clip
904	Pencil Rod (for J-Hook mounting)– Sunday and Holiday Hours	SRIS339	Pencil Rod (for J-Hook mounting)
905	Stringer wire (for j-hook mounting)– Sunday and Holiday Hours	SRIS340	Stringer wire (for j-hook mounting)
906	1" Chase Nipple– Sunday and Holiday Hours	SRIS341	1" Chase Nipple
907	4" Chase Nipple– Sunday and Holiday Hours	SRIS343	4" Chase Nipple
908	Raceway 5-foot base ivory and cover 2300BAC plastic (2 1/4" x 11/16")– Sunday and Holiday Hours	SRIS360	Raceway 5-foot base ivory and cover 2300BAC plastic (2 1/4" x 11/16")
909	20" Grounding Buss Bar with TMGB Pattern – Sunday and Holiday Hours	SRIS378	20" Grounding Buss Bar with TMGB Pattern
910	1/4" Compression Grounding Lugs – Sunday and Holiday Hours	SRIS379	1/4" Compression Grounding Lugs
911	#6 terminal lug – Sunday and Holiday Hours	SRIS380	#6 terminal lug
912	Inside Wire Repair Plan – Data	RPL	This inside wire repair plan covers Private Line/Special Access service.

15.3.3 SERVICES RELATED HOURLY SUPPORT

The Contractor shall provide labor for the diagnosis and/or repair of services listed in this Contract and all costs for repair are the responsibility of the service provider unless it is specifically determined that the cause of service failure is outside the scope of the Contractor's responsibilities. Work performed under this Section 15.3.3 is authorized only for situations where the Contractor has dispatched personnel to diagnose a service problem that is discovered to be caused by factors outside the responsibility of the Contractor or no trouble is found.

In Category 15 Cost Worksheet 15.3.3, the Contractor shall provide a fixed hourly rate schedule for the labor classifications required to diagnose and/or repair the contracted services. The rates identified shall only be used for the diagnosis and/or repair of contracted services and no materials shall be included in the rates. The total amount of labor hours permitted to be performed is ten (10) hours per dispatch/occurrence.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No_____

The Contractor shall offer the Services Related Hourly Support detailed in Table 15.3.3.

Table 15.3.3 – Services Related Hourly Support						
	Feature Name	Feature Description	Bidder's CALNET Product Identifier	Bidder's Description	Bidder Meets or Exceeds? Y N	
1	Field Service Repair Technician Regular Hours	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET Legacy 4 service problem that turns out to be caused by factors outside the responsibility of the Contractor.	MVV	Field Service Technician – Regular Hours	Y	
2	Field Service Repair Technician Overtime Hours	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET Legacy 4 service problem that turns out to be caused by factors outside the responsibility of the Contractor.	MVVO	Field Service Technician – Overtime Hours	Y	
3	Field Service Repair Technician Sunday and Holiday Hours	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET Legacy 4 service problem that turns out to be caused by factors outside the responsibility of the Contractor.	MVVH	Field Service Technician – Sunday and Holiday Hours	Y	

15.4 SERVICE LEVEL AGREEMENTS (SLA)

The Contractor shall provide Service Level Agreements (SLAs) as defined below. The intent of this Section 15.4 is to provide the Customers, the CALNET CMO and the Contractor with requirements that define and assist in the management of the SLAs. This Section 15.4 includes the SLA formats, general requirements, stop clock conditions and the Technical SLAs for the services identified in this Category 15 solicitation.

15.4.1 SERVICE LEVEL AGREEMENT FORMAT

The Contractor shall adhere to the following format and include the content as described below for each Technical SLA added by the Contractor throughout the Contract Term:

1. SLA Name – Each SLA Name must be unique;
2. Definition – Describes what performance metric will be measured;
3. Measurements Process - Provides instructions how the Contractor will continuously monitor and measure SLA performance to ensure compliance. The Contractor shall provide details describing how and what will be measured. Details shall include source of data and define the points of measurement within the system, application, or network;
4. Service(s) – All applicable services will be listed in each SLA;
5. Objective(s) – Defines the SLA performance goal/parameters; and,
6. Rights and Remedies:
 - a. Per Occurrence: Rights and remedies are paid on a per event basis during the bill cycle; and,
 - b. Monthly Aggregated Measurements: Rights and remedies are paid once during the bill cycle based on an aggregate of events over a defined period of time.

The Contractor shall proactively apply an invoice credit or refund when the SLA objective is not met. CALNET SLA Rights and Remedies do not require the Customer to submit a request for credit or refund.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.4.2 SOW TECHNICAL REQUIREMENTS VERSUS SLA OBJECTIVES

Section 15.2, *Dedicated Transport Requirements*, and Section 15.3, *Other Services*, define the SOW Technical Requirements for each service. These requirements are the minimum parameters each Bidder must meet in order to qualify for Contract Award. Upon Contract Award the committed SOW Technical Requirements will be maintained throughout the remainder of the Contract.

Committed SLA objectives are minimum parameters which the Contractor shall be held accountable for all rights and remedies throughout Contract Term.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.4.3 OUTAGE REPORTING

There are two (2) methods in which CALNET Legacy 4 service failures or quality of service issues may be reported and Contractor trouble tickets opened: Customer reported or Contractor reported.

The first method of outage reporting results from a Customer reporting service trouble to the Contractor's Customer Service Center via phone call or opening of a trouble ticket using the on-line Trouble Ticket Reporting Tool (SOW Business Requirements, Section L.10.4).

The second method of outage reporting occurs when the Contractor opens a trouble ticket as a result of network/system alarm or other method of service failure identification. In each instance the Contractor shall open a trouble ticket using the Trouble Ticket Reporting Tool (SOW Business Requirements Section L.104) and monitor and report to the Customer until service is restored.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.4.4 BIDDER'S RESPONSE TO SERVICE LEVEL AGREEMENTS

Many of the Service Level Agreements described below include multiple objective levels – Basic, Standard and Premier. The Bidders shall indicate one (1) specific objective level they are committing to for each service in space provided in the "Objective" section of each SLA description.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.4.5 CONTRACTOR'S SLA MANAGEMENT PLAN

Within 90 calendar days of Contract Award, the Contractor shall provide the CALNET CMO with a detailed SLA Management Plan that describes how the Contractor will monitor and manage the SLAs defined in this IFB C4A1LEG18. The SLA Management plan shall provide processes and procedures to be implemented by the Contractor. The SLA Management Plan shall define the following:

1. The Contractor SLA Manager and supporting staff responsibilities;
2. The Contractor's process for measuring objectives for each SLA. The process shall explain how the Contractor will continuously monitor and measure SLA performance to ensure compliance. The Contractor shall provide details describing how and what will be measured. Details should include source of data and define the points of measurement within the system, application, or network. Process may differ per service type;
3. Creation and delivery of SLA Reports (SOW Business Requirements Section L.10.5). The Contractor shall include a sample report in accordance with Service Level Agreement Reports (SOW Business Requirements Section L.10.5) for the following: SLA Service Performance Report (SOW Business Requirements Section L.10.5.1), SLA Provisioning Report (SOW Business Requirements Section L.10.5.2), SLA Catastrophic Outage Reports (SOW Business Requirements Section L.10.5.3), and Trouble Ticket and Provisioning/SLA Credit Report (SOW Business Requirements Section L.10.5.4). The Contractor shall commit to a monthly due date that the reports shall be provided to the CALNET CMO via the Private Oversight Website (SOW Business Requirements Section L.10.2);
4. SLA invoicing credit and refund process;

5. The Contractor's SLA problem resolution process for the Customer SLA management and SLA reporting issues. The Contractor shall provide a separate process for the Customers and the CALNET CMO; and,
6. The Contractor's SLA Manager to manage all SLA compliance and reporting. The Contractor shall include SLA Manager contact information for SLA inquiries and issue resolution for the Customer and the CALNET CMO.

Bidder understands the Requirement and shall meet or exceed it? Yes x No

15.4.6 TECHNICAL SLA GENERAL REQUIREMENTS

The Contractor shall adhere to the following general requirements which apply to all CALNET Legacy 4 Technical SLAs (Section 15.4.8, *Technical Service Level Agreements*):

1. With the exception of the Provisioning SLA (Section 15.4.8.7), the total SLA rights and remedies for any given month shall not exceed the sum of 100 percent (100%) of the Total Monthly Recurring Charges (TMRC). Services with usage charges shall apply the Average Daily Usage Charge (ADUC) in addition to any applicable TMRC rights and remedies;
2. If a circuit or service fails to meet one (1) or more of the performance objectives, only the SLA with the largest monthly Rights and Remedies will be credited to the Customer, per event;
3. The Contractor shall apply CALNET Legacy 4 SLAs and remedies for services provided by Affiliates and/or Subcontractors under this Contract;
4. The Definition, Measurement Process, Objectives, and Rights and Remedies shall apply to all services identified in each SLA. If a Category is listed in the SLA, then all services under that Category are covered under the SLA. Exceptions must be otherwise stated in the SLA;
5. TMRC rights and remedies shall include the service, option(s), and feature(s) charges;
6. The Contractor shall proactively and continuously monitor and measure all SLA objectives;
7. The Contractor shall proactively credit all rights and remedies to the Customer within 60 calendar days of the trouble resolution date on the trouble ticket or within 60 calendar days of the Due Date on the Service Request form for the Provisioning SLA (Section 15.4.8.7);
8. To the extent that the Contractor offers additional SLAs, or SLAs with more advantageous rights and/or remedies for same or similar services offered through tariffs, online service guides, or other similarly situated government contracts (Federal, State, County, City), the State will be entitled to the same rights and/or remedies therein. The Contractor shall present the SLAs to the CALNET CMO for possible inclusion via amendments;
9. The Contractor shall apply CALNET Legacy 4 SLAs and remedies to services provided in geographic areas which the Contractor is required to provide service;

10. The election by the CALNET CMO of any SLA remedy covered by this Contract shall not exclude or limit the CALNET CMO's or any of the Customer's rights and remedies otherwise available within the Contract or at law or equity;
11. The Contractor shall apply rights and remedies when a service fails to meet the SLA objective even when backup or protected services provide the Customer with continuation of services;
12. The Contractor shall act as the single point of contact in coordinating all entities to meet the State's needs for provisioning, maintenance, restoration and resolution of service issues or that of their Subcontractors, Affiliates or resellers under this Contract;
13. The Customer Escalation Process (SOW Business Requirements Section L.3.4.2) and/or the CALNET CMO Escalation Process (SOW Business Requirements Section L.3.4.1) shall be considered an additional right and remedy if the Contractor fails to resolve service issues within the SLA objective(s);
14. Trouble reporting and restoration shall be provided 24x7x365 for CALNET Legacy 4 services;
15. SLAs apply 24x7x365 unless SLA specifies an exception;
16. The Contractor's invoices shall clearly cross reference the SLA credit to the service Circuit ID in accordance with SOW Business Requirements Section L.6.1, #13, *Billing and Invoicing Requirements*;
17. The Contractor shall provide a CALNET Legacy 4 SLA Manager responsible for CALNET Legacy 4 SLA compliance. The SLA Manager shall attend regular meetings and be available upon request to address the CALNET CMO SLA oversight, report issues, and problem resolution concerns. The CALNET Legacy 4 SLA Manager shall also coordinate SLA support for the Customer SLA inquiries and issue resolution;
18. The Contractor shall provide the Customer and the CALNET CMO support for SLA inquiries and issue resolution; and,
19. Any SLAs and remedies negotiated between the Contractor and third party service provider in territories not open to completion shall be passed through to the CALNET Legacy 4 Customer.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No_____

15.4.7 STOP CLOCK CONDITIONS

Only the following conditions shall be allowed to stop the duration of the Service Level Agreements. The Contractor shall document durations using the Stop Clock Condition (SCC) listed in Table 15.4.7 which must include start and stop time stamps in the Contractor's Trouble Ticket Reporting Tool (SOW Business Requirements Section L.10.4) or Customer provisioning Service Request for each application of an SCC.

The Contractor shall not consider "cleared while testing" or "no trouble found": as an SCC.

Note: The Glossary (SOW Appendix A) defines term “End-User” as the “individual within an Entity that is receiving services and/or features provided under the Contract.”

Table 15.4.7 – Stop Clock Conditions (SCC)

#	Stop Clock Condition (SCC)	SCC Definition
1	END-USER REQUEST	Periods when a restoration or testing effort is delayed at the specific request of the End-User. The SCC shall exist during the period the Contractor was delayed, provided that the End-User’s request is documented and time stamped in the Contractor’s trouble ticket or Service Request system and shows efforts are made to contact the End-User during the applicable Stop Clock period.
2	OBSERVATION	Time after a service has been restored but End-User requests ticket is kept open for observation. If the service is later determined by the End-User to not have been restored, the Stop Clock shall continue until the time the End-User notifies the Contractor that the service has not been restored.
3	END-USER NOT AVAILABLE	Time after a service has been restored but End-User is not available to verify that the service is working. If the service is later determined by the End-User to not have been restored, the Stop Clock shall apply only for the time period between the Contractor’s reasonable attempt to notify the End-User that the Contractor believes the service has been restored and the time the End-User notifies the Contractor that the service has not been restored.
4	WIRING	Restoration cannot be achieved because the problem has been isolated to wiring that is not maintained by the Contractor or any of its Subcontractors or Affiliates. If it is later determined the wiring is not the cause of failure, the SCC shall not apply.
5	POWER	Trouble caused by a power problem outside of the responsibility of the Contractor.
6	CUSTOMER PROVISIONING DELAY	Delays to Provisioning caused by lack of Customer’s building entrance Facilities, conduit structures that are the Customer’s responsibilities or Extended demarcation wiring. If the Service Providing Contractor has been contracted by the Customer for extended demarcation wiring, this SCC shall not apply to missed dates/times. The Customer Provisioning Delay SCC is restricted to Provisioning SLAs only.
7	ACCESS	Limited access or contact with End-User provided the Contractor documents in the trouble ticket several efforts to contact End-User for the following: <ul style="list-style-type: none"> a. Access necessary to correct the problem is not available because access has not been arranged by site contact or End-User representative; b. Site contact refuses access to technician who displays proper identification;

#	Stop Clock Condition (SCC)	SCC Definition
		<p>c. The Customer provides incorrect site contact information which prevents access, provided that the Contractor takes reasonable steps to notify End-User of the improper contact information and takes reasonable steps to obtain the correct information; or,</p> <p>d. Site has limited hours of business that directly impacts the Contractor's ability to resolve the problem.</p>
8	STAFF	Any problem or delay to the extent caused by End-User's staff that prevents or delays the Contractor's resolution of the problem. In such event, the Contractor shall make a timely request to End-User staff to correct the problem or delay and document in trouble ticket.
9	APPLICATION	End-User software applications that interfere with repair of the trouble.
10	CPE	Repair/replacement of the Customer Premise Equipment (CPE) not provided by the Contractor if the problem has been isolated to the CPE. If determined later that the CPE was not the cause of the service outage, the CPE SCC will not apply.
11	NO RESPONSE	Failure of the trouble ticket originator or responsible End-User to return a call from the Contractor's technician for on-line close-out of trouble tickets after the service has been restored as long as the Contractor can provide documentation in the trouble ticket substantiating the communication from the Contractor's technician.
12	MAINTENANCE	An outage directly related to any properly performed scheduled maintenance or upgrade scheduled for CALNET Legacy 4 service. Any such stop clock condition shall not extend beyond the scheduled period of the maintenance or upgrade. SLAs shall apply for any maintenance caused outage beyond the scheduled maintenance period. Outages occurring during a scheduled maintenance or upgrade period and not caused by the scheduled maintenance shall not be subject to the Maintenance SCC.
13	THIRD PARTY	Any problem or delay caused by a third party not under the control of the Contractor, not preventable by the Contractor, including, at a minimum, cable cuts not caused by the Contractor. The Contractor's Affiliates and/or Subcontractors shall be deemed to be under the control of the Contractor with respect to the equipment, services, or Facilities to be provided under this Contract.
14	FORCE MAJEURE	Force Majeure events, as defined in the PMAC General Provisions - Telecommunications, Section 28, <i>Force Majeure</i> .

Bidder understands the Requirement and shall meet or exceed it? Yes x No

15.4.8 TECHNICAL SERVICE LEVEL AGREEMENTS

The Contractor shall provide and manage the following Technical SLAs.

15.4.8.1 Availability (M-S)

SLA Name: Availability				
Definition: The percentage of time a CALNET Legacy 4 service is fully functional and available for use each calendar month.				
Measurement Process: The monthly Availability Percentage shall be based on the accumulative total of all Unavailable Time derived from all trouble tickets closed, for the individual affected service (per Circuit ID or Service ID), per calendar month. The monthly Availability Percentage equals the Scheduled Uptime per month less Unavailable Time per month divided by Scheduled Uptime per month multiplied by 100. Scheduled Uptime is based on 24 x number of days in the month. All Unavailable Time applied to other SLAs, which results in a remedy, will be excluded from the monthly accumulated total.				
Service(s):				
Carrier DS0, DS1 and DS3 (15.2.2, 15.2.3 and 15.2.4)			ISDN Primary Rate Interface (PRI) (15.2.5)	
Objective(s):				
The objective shall be based on the access type:				
	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
DS0	≥ 98.9%	≥ 99.2%	≥ 99.5%	S
DS1	≥ 99.2%	≥ 99.5%	≥ 99.8%	S
DS3	≥ 99.7%	≥ 99.8%	≥ 99.9%	S
ISDN PRI	≥ 99.2%	≥ 99.5%	≥ 99.8%	S
Rights and Remedies	Per Occurrence: End-User Escalation Process CALNET CMO Escalation Process			
	Monthly Aggregated Measurements: First month the service fails to meet the committed SLA objective shall result in a fifteen percent (15%) rebate of the TMRC and two (2) Business Days of the ADUC, when usage applies. The second consecutive month the service fails to meet the committed SLA objective shall result in a thirty percent (30%) rebate of TMRC and two (2) Business Days of the ADUC, when usage applies. Each additional consecutive month the service fails to meet the committed SLA objective shall result in a fifty (50%) percent rebate of the TMRC and two (2) Business Days of the ADUC, when usage applies.			

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.4.8.2 Catastrophic Outage 1 (CAT 1) (M-S)

SLA Name: Catastrophic Outage 1 (CAT 1)				
Definition: The total loss of service at a single address based on a common cause resulting in the failure of ten (10) or more data circuits.				
Measurement Process: The Outage Duration begins when a network alarm is received by the Contractor from an outage-causing event or the opening of a trouble ticket by a Customer, or the Contractor, whichever occurs first. The Contractor shall open a trouble ticket for each service (Circuit ID or Service ID) affected by the common cause. Each End-User service is deemed out of service from the first notification until the Contractor determines the End-User service (Circuit ID or Service ID) is restored minus SCC. Any service reported by a Customer as not having been restored shall have the outage time adjusted to the actual restoration time.				
Service(s):				
Carrier DS0, DS1, DS3 (15.2.2, 15.2.3 and 15.2.4)			ISDN Primary Rate Interface (PRI) (15.2.5)	
Objective(s):				
The objective restoral time shall be:				
	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
DS0	≤ 3 hours	≤ 2 hours	≤ 1 hour	S
DS1	≤ 3 hours	≤ 2 hours	≤ 1 hour	S
DS3	≤ 3 hours	≤ 2 hours	≤ 1 hour	S
ISDN PRI	≤ 3 hours	≤ 2 hours	≤ 1 hour	S
Rights and Remedies	Per Occurrence: 100 percent (100%) of the TMRC for each End-User service not meeting the committed objective for each CAT 1 fault			
	Monthly Aggregated Measurements: N/A			

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No____

15.4.8.3 Catastrophic Outage 2 (CAT 2) (M-S)

SLA Name: Catastrophic Outage 2 (CAT 2)				
Definition: Service affecting failure of any part of the equipment in a central office (or equivalent facility), other than access, that results in a CALNET Legacy 4 service failure.				
Measurement Process: The Outage Duration begins when a network alarm is received by the Contractor from the outage-causing event or the opening of a trouble ticket by the Customer or the Contractor, whichever occurs first. Upon notification from the Customer or network alarm, the Contractor shall compile a list for each End-User service affected by the common cause for tracking and reporting of the SLA rights and remedies. Outage Duration shall be measured on a per-End-User service (Circuit ID or Service ID) basis from information recorded from the network equipment/system or a Customer reported trouble ticket. Each End-User service (Circuit ID or Service ID) is deemed out of service from the first notification until the Contractor determines the End-User service is restored. Any End-User service reported by the End-User/Customer as not having been restored shall have the outage time adjusted to the actual restoration time.				
Service(s):				
Carrier DS0, DS1 DS3 (15.2.2, 15.2.3 and 15.2.4)			ISDN Primary Rate Interface (15.2.5)	
Objective(s):				
The objective restoral time shall be:				
	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
DS0:	≤ 1 hour	≤ 30 minutes	≤ 15 minutes	P
DS1:	≤ 1 hour	≤ 30 minutes	≤ 15 minutes	P
DS3:	≤ 1 hour	≤ 30 minutes	≤ 15 minutes	P
ISDN PRI:	≤ 1 hour	≤ 30 minutes	≤ 15 minutes	P
Rights and Remedies	Per Occurrence: 100 percent (100%) of the TMRC for each End-User service not meeting the committed objective for each CAT 2 fault.			
	Monthly Aggregated Measurements: N/A			

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.4.8.4 Catastrophic Outage 3 (CAT 3) (M-S)

SLA Name: Catastrophic Outage 3 (CAT 3)					
Definition: The total loss of one (1) or more CALNET Legacy 4 services on a system wide basis.					
Measurement Process: The Outage Duration begins when a network alarm is received by the Contractor from an outage-causing event or the opening of a trouble ticket by the Customer or the Contractor, whichever occurs first. Upon notification from the Customer or network alarm, the Contractor shall open a trouble ticket and compile a list for each End-User service (Circuit ID or Service ID) affected by the common cause for tracking and reporting of the SLA rights and remedies. Outage Duration shall be measured on a per-End-User service (Circuit ID or Service ID) basis from information recorded from the network equipment/system or trouble ticket. Each End-User service (Circuit ID or Service ID) is deemed out of service from the first notification until the Contractor determines the End-User service is restored. Any End-User service reported by the End-User/Customer as not having been restored shall have the outage time adjusted to the actual restoration time.					
Service(s):					
Carrier DS0, DS1 DS3 (15.2.2, 15.2.3 and 15.2.4)			ISDN Primary Rate Interface (15.2.5)		
Objective(s): The objective restoral time shall be:					
		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or P)
DSO:		≤ 30 minutes	N/A	≤ 15 minutes	P
DS1:		≤ 30 minutes	N/A	≤ 15 minutes	P
DS3:		≤ 30 minutes	N/A	≤ 15 minutes	P
ISDN PRI:		≤ 30 minutes	N/A	≤ 15 minutes	P
Rights and Remedies	Per Occurrence: 100 percent (100%) of the TMRC for each End-User service not meeting the committed objective for each CAT 3 fault.				
	Monthly Aggregated Measurements: N/A				

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No_____

15.4.8.5 Excessive Outage (M-S)

SLA Name: Excessive Outage				
Definition: Any failure that prevents full functionality of the service that remains unresolved for more than the committed objective level.				
Measurement Process: This SLA is based on trouble ticket Unavailable Time. The circuit or service is not fully functional during the time the trouble ticket is reported as opened until restoration of the service, minus SCC. If the Customer reports a partial or complete service that is not fully functional and remains unresolved after the closure of the trouble ticket by the Contractor, the Unavailable Time shall be adjusted to the actual restoration time.				
Service(s):				
Carrier DS0, DS1 and DS3 (15.2.2, 15.2.3 and 15.2.4)			ISDN Primary Rate Interface (15.2.5)	
Objective (s): The Unavailable Time objective shall not exceed:				
	Basic (B)	Standard (S)	Premie r (P)	Bidder's Objective Commitme nt (B, S or P)
DS0:	16 hours	12 hours	8 hours	S
DS1:	16 hours	12 hours	8 hours	S
DS3:	16 hours	12 hours	8 hours	S
ISDN PRI:	16 hours	12 hours	8 hours	S
Rights and Remedies	Per Occurrence: 100 percent (100%) of the TMRC for each service (Circuit ID or Service ID) out of service for a period greater than the committed objective level. Upon request from the Customer or the CALNET CMO, the Contractor shall provide a briefing on the excessive outage restoration.			
	Monthly Aggregated Measurements: N/A			

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.4.8.6 Notification

SLA Name: Notification	
Definition: The Contractor notification to the CALNET CMO and designated stakeholders in the event of a CAT 2 or CAT 3 failure, the Contractor, Subcontractor or Affiliate network event, terrorist activity, threat of natural disaster, or actual natural disaster which results in a significant loss of telecommunication services to CALNET End-Users or has the potential to impact services in a general or statewide area. The State understands initial information regarding the nature of the outage may be limited.	
Measurement Process: The Contractor shall adhere to the Network Outage Response requirements (SOW Business Requirements Section L.3.3,) and notify the CALNET CMO and designated stakeholders for all CAT 2 and CAT 3 Outages or for network outages resulting in a significant loss of service. Notification objectives will be based on the start time of the outage failure determined by the opening of a trouble ticket or network alarm, whichever occurs first. For events based on information such as terrorist activity or natural disaster, the Contractor shall notify the CALNET CMO and designated stakeholder when information is available for dissemination to the Customers.	
Service(s): All services	
Objective (s): Within 60 minutes of the above mentioned failures' start time, the Contractor shall notify the CALNET CMO and designated stakeholders using a method defined in SOW Business Requirements Section L.3.3, <i>Network Outage Response</i> . At 60 minute intervals, updates shall be given on the above mentioned failures via the method defined in SOW Business Requirements Section L.3.3, <i>Network Outage Response</i> . This objective is the same for Basic, Standard and Premier commitments.	
Rights and Remedies	Per Occurrence: Senior Management Escalation
	Monthly Aggregated Measurements: N/A

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

15.4.8.7 Provisioning (M-S)

SLA Name: Provisioning		
<p>Definition: Provisioning shall include new services, moves, adds and changes completed by the Contractor on or before the due dates. The Provisioning SLA shall be based on committed installation intervals established in this SLA or due dates negotiated between the Customer and the Contractor documented on the Contractor's order confirmation notification or Contracted Service Project Work SOW in accordance with SOW Business Requirements Section L.2.5.4 #6, <i>Provisioning and Implementation</i>. The Contractor shall meet the committed interval dates or due date negotiated with the Customer. If the Customer agrees to a negotiated due date, the negotiated due date supersedes the committed interval. At the Customer's discretion, if the scope of the Service Request(s) meets the Coordinated or Managed Project criteria, negotiated due dates will be established and documented in the Project Schedule per SOW Business Requirements Section L.8, <i>Contracted Service Project Work</i>.</p> <p>Provisioning SLAs have two (2) objectives: Objective 1: Individual service installation; and, Objective 2: Successful Install Monthly Percentage by service type.</p>		
<p>Measurement Process: <u>Objective 1: Individual Service Installations:</u> Install intervals are based on the committed installation intervals established in this SLA or due dates negotiated between the Customer and the Contractor. This objective requires the Contractor to meet the due date for each individual service installation. This includes individual circuit/service/seat level installations for Coordinated and Managed Projects. <u>Objective 2: Successful Install Monthly Percentage per Service Type:</u> The Contractor shall sum all individual installations per service, as listed below, meeting the objective in the measurement period (per month) and divide by the sum of all individual service installations due per service in the measurement period and multiply by 100 to equal the percentage of service installations completed on time. The Contractor must meet or exceed the objective below in order to avoid the rights and remedies.</p>		
Service (Features must be installed in conjunction with the service except when listed below)	Committed Interval Days	Coordinated/Managed Project
Carrier DS0 (15.2.2)	30	Coordinated/Managed Project
Carrier DS1 (15.2.3)	30	Coordinated/Managed Project
Carrier DS3 (15.2.4)	45	Coordinated/Managed Project
ISDN Primary Rate Interface (15.2.5)	30	Coordinated/Managed Project

Objective (s):

1. Objective 1: Individual Service Request: Service installed on or before the committed interval or negotiated due date.
2. Objective 2: Successful Install Monthly Percentage per service:

	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (S or P)
DS0	N/A	≥ 90%	≥ 95%	S
DS1	N/A	≥ 90%	≥ 95%	S
DS3	N/A	≥ 90%	≥ 95%	S
ISDN PRI	N/A	≥ 90%	≥ 95%	S

Rights and Remedies	Per Occurrence: Objective 1: Individual service installations: fifty percent (50%) of installation fee credited to the Customer for any missed committed objective.
	Monthly Aggregated Measurements: Objective 2: 100 percent (100%) of the installation fee credited to the Customer for all service installations (per service type) that did not complete within the committed objective during the month if the Successful Install Monthly Percentage is below the committed objective.

Bidder understands the Requirement and shall meet or exceed it? Yes__x__ No__

SLA Name: Time to Repair (TTR)					
Definition: Any failure that prevents full functionality of the service that remains unresolved for more than the committed objective level.					
Measurement Process: This SLA is based on trouble ticket Unavailable Time per service (Circuit ID or Service ID). The circuit or service is not fully functional during the time the trouble ticket is reported as opened until restoration of the service, minus SCC. If the Customer reports a service that is not fully functional and remains unresolved after the closure of the trouble ticket by the Contractor, the Unavailable Time shall be adjusted to the actual restoration time. This SLA is applied per occurrence.					
Service(s):					
Carrier DS0 (15.2.2), DS1 (15.2.3) and DS3 (15.2.4)				ISDN Primary Rate Interface (15.2.5)	
Objective(s): The Unavailable Time objective shall not exceed:					
Service		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or S)
DS0:		6 hours	4 hours	N/A	S
DS1:		6 hours	4 hours	N/A	S
DS3:		6 hours	4 hours	N/A	S
ISDN PRI:		6 hours	4 hours	N/A	S
Rights and Remedies	Per Occurrence: Twenty-five percent (25%) of the TMRC per occurrence for each service (Circuit ID or Service ID) out of service for a period greater than the committed objective level.				
	Monthly Aggregated Measurements: N/A				

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15.4.9 UNSOLICITED SERVICE ENHANCEMENT SLA(S)

All unsolicited service enhancements shall be considered a feature of the service, and therefore shall be included as such under the SLAs as defined in Section 15.4.8, *Technical Service Level Agreements*.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.4.10 PROPOSED UNSOLICITED OFFERINGS

The Contractor shall provide SLAs as defined in Section 15.4, *Service Level Agreements*, for each unsolicited offering determined by the CALNET CMO not to be a feature of a service or a component of an unbundled service identified in the SOW Technical Requirements. SLA tables shall be amended after Contract Award to include all new unsolicited services.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.4.11 CONTRACT AMENDMENT SERVICE ENHANCEMENT SLAS

All Contract amendment service enhancements shall be considered a feature of the service, therefore included as such under the SLAs as defined in this Section 15.4.8.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐

15.4.12 ACCEPTANCE OF SLA LANGUAGE FOR UNSOLICITED SERVICES

After award, the CALNET CMO will determine, for the purpose of applying SLAs, if a Bidder's unsolicited line item is a "service" or a feature of a Mandatory service. Upon determination by the CALNET CMO, the Contractor shall update the existing SLAs with the CALNET CMO approved modifications for the SLAs in Section 15.4.8, *Technical Service Level Agreements*. Changes may include addition of service names, addition of objectives if current objectives do not apply, and provisioning intervals.

The Contractor shall add the unsolicited services, as determined by the CALNET CMO, to the "Service(s)" component of the SLA. If an unsolicited item, or group of unsolicited items, is determined to be a "service" the Contractor will honor the objective commitment made for the Mandatory service. If an SLA requires additional objectives or provisioning intervals then the CALNET CMO and the Contractor shall negotiate the objective and/or interval. If the CALNET CMO and the Contractor cannot mutually agree to an objective or interval, then the item and or group of items under the service shall be considered a feature of the Mandatory service and therefore shall be included as such under the SLA's as defined in each Category.

All unsolicited service features shall be included as such under the SLAs as defined for each service in each SLA. If the CALNET CMO determines additional objectives or provisioning intervals are required for the unsolicited feature then the CALNET CMO and the Contractor shall negotiate the objective or provisioning interval.

Bidder understands the Requirement and shall meet or exceed it? Yes ☒ No ☐