



## A Network of Possibilities

**AT&T's Response to the State of California's Solicitation IFB STPD  
12-001-B for Subcategory 4.2 SONET Point-to-Point Connectivity**

*Volume 2: Response to Unique Category or Subcategory Requirements  
(BAFO)*

**March 17, 2014**

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## **Exhibit 8: Contractor's License Information**

Attached is Exhibit 8: Contractor's License Information.



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**EXHIBIT 8: CONTRACTOR'S LICENSE INFORMATION**

(Installation Services Only)

For Category/Subcategory: 4.2: SNET Point-to-Point Connectivity

Name of Bidder: AT&T Corp.

Bidder shall complete the applicable Contractor's license information below in accordance with the Contractor's State License Board, Department of Consumer Affairs. A Contractor's license of appropriate Class C-7, Low Voltage Systems Contractor, is required before any Bidder can contract business (e.g. submit a bid) which includes the installation of cable and wiring, and minor electrical modification. In addition, if structural modifications are required, a Class B, General Building Contractor, license is required. Licensee must be in the name of the firm or a Responsible Managing Employee. See IFB Section 2.3.6, Contractor's License.

**CONTRACTOR**

Class C-7 and C-10 License No: 760249  
Licensee: Pacific Bell Telephone Company Expiration Date: 03/31/2015  
Relationship of Licensee to Contractor: Wholly Owned Subsidiary

**SUBCONTRACTOR 1**

Class \_\_\_\_\_ License No: \_\_\_\_\_  
Licensee: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
Relationship of Licensee to Subcontractor: \_\_\_\_\_

**SUBCONTRACTOR 2**

Class \_\_\_\_\_ License No: \_\_\_\_\_  
Licensee: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
Relationship of Licensee to Subcontractor: \_\_\_\_\_

(Use additional sheets if necessary.)

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## **Exhibit 10: Bidding Preferences and Incentives**

Attached is the completed and signed Exhibit 10.



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**Exhibit 10: BIDDING PREFERENCES AND INCENTIVES**

For Category/Subcategory: 4.2: SONET Point-to-Point Connectivity

ALL BIDDERS: COMPLETE ALL SECTIONS BELOW AND SUBMIT WITH YOUR PROPOSAL.

**1. SMALL BUSINESS PREFERENCE**

Bidder must check the appropriate box from the choices below.

- I am a DGS certified Small Business and claim the Small Business Preference.  
My DGS Small Business certification number is: \_\_\_\_\_
- I have recently filed for DGS Small Business preference but have not yet received certification, but I am claiming the Small Business preference.
- I am not a DGS certified Small Business, but 25% or more of the revenue from the award will go to DGS certified Small Business Subcontractors performing a Commercially Useful Function and therefore I am claiming the preference.  
*Bidder must complete and submit Exhibit 12, GSPD-05-105 Bidder Declaration, indicating the percentage of the revenue that will be received by each DGS certified Small Business Subcontractor.*  
*Bidder must complete and submit an Exhibit 14, Commercially Useful Function Statement, for each Small Business subcontractor.*
- I am not claiming the DGS Small Business preference.

**2. DVBE INCENTIVE**

Bidder must check the appropriate box from the choices below.

- I am a DGS certified DVBE. A copy of my STD. form 843 is attached.
- I have recently filed for DGS DVBE certification, but have not yet received certification.
- I am not a DGS certified DVBE, but a percentage of the revenue will be going to DGS certified DVBE Subcontractors performing a Commercially Useful Function, and therefore I am claiming the DVBE incentive.  
*Bidder must submit a complete Exhibit 12, GSPD-05-105, Bidder Declaration, indicating the percentage of the revenue that will be received by each DGS certified DVBE Subcontractor.*  
*Bidder must also submit an Exhibit 11, STD 843 DVBE Declarations, for each DVBE Subcontractor, signed by the DVBE owner/manager.*  
*Bidder must complete and submit an Exhibit 14, Commercially Useful Function Statement, for each DVBE subcontractor or supplier.*
- I am not claiming the DVBE incentive.

**EXHIBIT 10, CONTINUED**

**3. ADDITIONAL BIDDING PREFERENCES**

The Bidder shall check the appropriate box or boxes from the choices below.

- I am not claiming the TACPA preference, the EZA preference, or the LAMBRA preference.
- I am claiming the TACPA bidding preference.  
*Bidder must submit Exhibit 13, STD 830.*

Name of Bidder: AT&T Corp.

Signature and Date:  March 17, 2014



## **Exhibit 11: STD 843, DVBE Declarations**

AT&T is not claiming a DVBE incentive



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## **Exhibit 12: GSPD 05-105, Bidder Declaration**

AT& is not claiming SB preference using Subcontractors, nor claiming a DVBE incentive, nor will have any Subcontractors that will receive 15% or more revenue.



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## **Exhibit 13: STD 830, TACPA Preference Request**

AT&T is not claiming TACPA preference.



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## **Exhibit 14: Commercially Useful Function Statement**

Attached is a copy of AT&T's completed Exhibit 14.



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**EXHIBIT 14: COMMERCIALLY USEFUL FUNCTION STATEMENT**

All certified small business, micro business, and/or DVBE Contractors, subcontractors or suppliers must meet the commercially useful function requirements under Government Code (GC) Section 14837(d)(4)(A) (for SB) and Military and Veterans Code (MVC) Section 999(b)(5)(B) (for DVBE).

Please answer the following questions, as they apply to your company for the goods and services being acquired in this solicitation.

CALNET 3 Category or Subcategory being bid: Subcategory 4.2

Subcontractor Name:

Mark all that apply: DVBE:  Small Business:  Micro Business:

1.	Will the subcontractor be responsible for the execution of a distinct element of the resulting CALNET Contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2.	Will this subcontractor be actually performing, managing, or supervising an element of the resulting CALNET Contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
3.	Will this subcontractor be performing work on the resulting CALNET Contract that is normal for its business, services, and functions?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.	Will there be any further subcontracting that is greater than that expected to be subcontracted by normal industry practices for the resulting CALNET Contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
5.	Will this subcontractor be responsible, with respect to products, inventories, materials, and supplies required for the contract, for negotiating price, determining quality and quantity, ordering, installing, if applicable, and making payment?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

A response of “No” in questions 1 - 3 or a response of “Yes” in question 4, may result in your claim for Small Business Preference or DVBE Incentive being deemed non-responsive and disqualified.

The bidder must provide a written statement below detailing the role, services and goods the subcontractor(s) will provide to meet the commercially useful function requirement.

AT&T is not using any DVBE, Small Business, and Micro Business Contractors, subcontractors or suppliers in the delivery of services related to this subcategory.

At the State’s option prior to award, bidders may be required to submit additional written clarifying information.

Per MVC Section 999.9(a)(6) and GC 14842.5 (a)(6) it is unlawful for a person to knowingly and with intent to defraud, fraudulently represent that a commercially useful function is being performed by a disabled veteran business enterprise in order to obtain or retain a bid preference or a state contract, and that doing so shall subject the person to the penalties stated in MVC Section 999.9 and GC 14842.5.

By signing this form, the undersigned bidder certifies that the Certified Small Business or DVBE satisfies the Commercially Useful Function requirement, and will provide the role, services, and/or goods stated above.

Signature of Company  
Representative:



Printed/Typed Name and Title of

Mark Roese, Executive Sales Director

Company Representative:



## Subcategory 4.2 – SONET Point-to-Point Connectivity

### 4.2.1 Overview

This Subcategory 4.2 IFB provides the State's solicitation for best value solutions for SONET point-to-point connectivity. This IFB describes the CALNET 3 technical requirements necessary to support the CALNET 3 program requirements.

This IFB will be awarded to Bidders that meet the award criteria as described in IFB Section 4. The CALNET 3 Contract(s) that result from the award of this IFB will be managed on a day-to-day basis by the CALNET 3 Contract Management and Oversight (CALNET 3 CMO).

#### 4.2.1.1 Bidder Response Requirements

Throughout this IFB, 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 responses that require the Bidder to provide a description or written response to the requirement):

"Bidder understands the requirements in Section xxx and shall meet or exceed them? Yes \_\_\_\_\_ No \_\_\_\_\_"

Description:"

#### 4.2.1.2 Designation of Requirements

All Technical Requirements specified in this IFB Section are Mandatory and must be responded to as identified in IFB Section 3.4.2.5 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, Customers will have the option whether or not to order services or features included in the Contract. Service Requests for some CALNET 3 services or features may require CALNET 3 CMO approval.



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

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

### **4.2.1.3 Pacific Time Zone**

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

## **4.2.2 Synchronous Optical Network (SONET)**

Contractor shall provide Synchronous Optical Network (SONET) service for high bandwidth communication paths in a point-to-point configuration.

Bidders shall describe in detail the SONET service that will be deployed to satisfy this requirement for high bandwidth communication paths in a bi-directional and self-healing configuration.

*Bidder understands the requirements in Section 4.2.2 and shall meet or exceed them?*  
Yes  No

*Description:*

### **Optical Carrier Network (OCN) Point-to-Point SONET Service**

The Optical Point-to-Point service will provide a transport service that is designed to connect customer locations and AT&T wire centers in a linear (point to point) configuration.

The two components of OCN Point-to-Point Service are Local Distribution Channel and Interoffice Transport.

#### **Local Distribution Channel (LDC)**

The Local Distribution Channel (LDC) (same as Channel Termination (CT)) provides for the communications path between a customer designated premise and the serving wire center of that premise. LDCs are only offered without Add Drop Multiplexing (ADM) equipment at the customers designated premises and will hand-off basic 2- fiber optic



cables. One LDC is provided per customer circuit at the designated premises at which the channel is terminated.

OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c LDCs provide point-to-point optical interconnection between the AT&T Serving Wire Center (SWC) and the customer premises.

The customer is required to provide an ADM that is compatible with the AT&T central office ADM as is described in Technical Publication GR-253-CORE.

Both LDCs comprising a circuit must have the same terminating bit rate.

### **Interoffice Transport**

Interoffice Transport facilities provide the transmission paths between Serving Wire Centers associated with two customer designated premises. Four interoffice transport types are available.

- OC-3/OC-3c LDCs are interconnected to OC-3/OC-3c transport.
- OC-12/OC-12c LDCs are interconnected to OC-12/OC-12c transport.
- OC-48/OC-48c LDCs are interconnected to OC-48/OC-48c transport.
- OC-192/OC-192c LDCs are interconnected to OC-192/OC-192c transport.

Optical Transmission paths for OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC 192/OC-192c differentiated by bit rate and the quality of transmission is as delineated by the Optical Interface definitions in the appropriate technical reference publication(s) for the service ordered.

#### **4.2.2.1.1 Standards Based Interfaces**

The Contractor shall support commercially available optical interfaces and shall comply with ANSI, Telcordia, ITU, and IEEE Standards. Service handoffs for SONET shall be synchronous at OC-3, OC3-c (concatenated), OC-12, OC-12c, OC-48, and OC-48c. Asynchronous services at T1 and DS3 shall be carried over SONET in 51 Mbps Synchronous Transport Signal Level1 (STS/1) packages.

Bidders shall describe all of the commercially available optical interfaces that are supported by their solution.



Bidder understands the requirements in Section 4.2.2.1.1 and shall meet or exceed them? Yes  No \_\_\_\_\_

Description:

OCN Point-to-Point channels provide high speed synchronous optical fiber-based full duplex data transmission capabilities between two points. These services provide optical data transmission with the following characteristics:

- OC-3/OC-3c provides channels operating at the terminating bit rate of 155.52 Mbps;
- OC-12/OC-12c provides channels operating at the terminating bit rate of 622.08 Mbps;
- OC-48/OC-48c provides channels operating at the terminating bit rate of 2488.32 Mbps;
- OC-192/OC-192c provides channels operating at the terminating bit rate of 9953.28 Mbps;

Optical Transmission paths for OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC 192/OC-192c differentiated by bit rate and the quality of transmission is as delineated by the Optical Interface definitions in the appropriate technical reference publication(s) for the service ordered.

#### 4.2.2.1.2 Packet Delivery

The monthly average packet delivery shall be greater than 99.9 percent throughput for each circuit. The monthly average percentage shall be derived from the total number of packets/cells/frames output at the network egress port divided by the total number of packets/cells/frames input at the ingress port within the subscribed rate, multiplied by 100.

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

#### 4.2.2.1.3 Equipment and Environment

The Contractor shall provide and install all network terminating equipment (NTE) in State provided Telecommunication Closet MPOE locations utilizing State provided building entrance facilities. All Contractor Equipment shall adhere to the Telcordia Network Equipment Building System (NEBS).

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



#### 4.2.2.2 SONET Point-to-Point Service (SPPS)

The Contractor shall provide Point-to-point SONET on a circuit-by-circuit basis using the Contractors interoffice SONET infrastructure.

Point-to-point channels shall provide high-speed synchronous optical fiber-based full duplex data transmission capabilities between two (2) points.

OC-3, OC-12, and OC-48 channels shall be able to connect:

1. Customer-designated premise to another Customer-designated premise, without add/drop multiplexing capability;
2. Customer-designated premise to a serving wire center where add/drop multiplexing and add/drop functions are performed; and,
3. IntraLATA and InterLATA connectivity where commercially available.

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

##### 4.2.2.2.1 SPPS Data Transmission Channel Terminating Bit Rate

SPPS services shall provide optical data transmission with the following characteristics:

1. OC-3/OC-3c provides channels operating at the terminating bit rate of 155.52 Mbps
2. OC-12/OC-12c provides channels operating at the terminating bit rate of 622.08 Mbps
3. OC-48/OC-48c provides channels operating at the terminating bit rate of 2,488.32 Mbps

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



### 4.2.2.2.2 SPPS Services and Features

The Contractor shall offer SPPS services and features detailed in Table 4.2.2.2.a.

Table 4.2.2.2.a – SPPS Services and Features

	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
1	SPPS Local Loop Service (OC-3)	Point-to-point service at OC-3 speed service provides point-to-point optical interconnection between the telephone company serving wire center (SWC) and the Customer premise. Customer is required to provide an add/drop multiplexer (ADM) that is compatible with the Contractor's central office ADM as described in the Technical Publication GR-253-CORE. Mileage charges apply if the two (2) end points are in different SWC nodes. Two (2) local loops are required.	Y		SON01
Bidder's Product Description: Point-to-point service at OC-3 speed service provides point-to-point optical interconnection between the telephone company serving wire center (SWC) and the Customer premise. Customer is required to provide an add/drop multiplexer (ADM) that is compatible with the Contractor's central office ADM as described in the Technical Publication GR-253-CORE. Mileage charges apply if the two (2) end points are in different SWC nodes. Two (2) local loops are required.					
2	SPPS Local Loop Service (OC-12)	Point-to-point service at OC-12 speed service provides point-to-point optical interconnection between the telephone company serving wire center (SWC) and the Customer premise. Customer is required to provide an ADM that is compatible with the Contractor's central office ADM as described in the Technical Publication GR-253-CORE. Mileage charges apply if the two (2) end points are in different SWC nodes. Two (2) local loops are required.	Y		SON02
Bidder's Product Description: Point-to-point service at OC-12 speed service provides point-to-point optical interconnection between the telephone company serving wire center (SWC) and the Customer premise. Customer is required to provide an ADM that is compatible with the Contractor's central office ADM as described in the Technical Publication GR-253-CORE. Mileage charges apply if the two (2) end points are in different SWC nodes. Two (2) local loops are required.					



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
3	SPPS Local Loop Service (OC-48)	Point-to-point service at OC-48 speed service provides point-to-point optical interconnection between the telephone company serving wire center (SWC) and the Customer premise. Customer is required to provide an ADM that is compatible with the Contractor's central office ADM as described in the Technical Publication GR-253-CORE. Mileage charges apply if the two (2) end points are in different SWC nodes. Two (2) local loops are required.	Y		SON03
Bidder's Product Description: Point-to-point service at OC-48 speed service provides point-to-point optical interconnection between the telephone company serving wire center (SWC) and the Customer premise. Customer is required to provide an ADM that is compatible with the Contractor's central office ADM as described in the Technical Publication GR-253-CORE. Mileage charges apply if the two (2) end points are in different SWC nodes. Two (2) local loops are required.					
4	SPPS IntraLATA OC-3 Point-Circuit Mileage	OC-3 Point-to-Point Service interoffice mileage for OC-3 circuits with the endpoints in different serving wire centers. Mileage is calculated using the vertical and horizontal (V&H) coordinate method.	Y		SON05
Bidder's Product Description: OC-3 Point-to-Point Service interoffice mileage for OC-3 circuits with the endpoints in different serving wire centers. Mileage is calculated using the vertical and horizontal (V&H) coordinate method.					
5	SPPS IntraLATA OC-12 Point-Circuit Mileage	OC-12 Point-to-Point Service interoffice mileage for OC-12 circuits with the endpoints in different serving wire centers. Mileage is calculated using the V&H coordinate method.	Y		SON06
Bidder's Product Description: OC-12 Point-to-Point Service interoffice mileage for OC-12 circuits with the endpoints in different serving wire centers. Mileage is calculated using the V&H coordinate method.					
6	SPPS IntraLATA OC-48 Point-Circuit Mileage	OC-48 Point-to-Point Service interoffice mileage for OC-48 circuits with the endpoints in different serving wire centers. Mileage is calculated using the V&H coordinate method.	Y		SON07



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N	Bidder's Product Identifier
	Bidder's Product Description: OC-48 Point-to-Point Service interoffice mileage for OC-48 circuits with the endpoints in different serving wire centers. Mileage is calculated using the V&H coordinate method.			
7	SPPS InterLATA OC-3 Channel 1 – 100 miles	SONET InterLATA service at OC-3/OC-3c point-to-point interoffice channel between InterLATA POPs at OC-3 speed. 1-100 miles	Y	SON09
	Bidder's Product Description: SONET InterLATA service at OC-3/OC-3c point-to-point interoffice channel between InterLATA POPs at OC-3 speed. 1-100 miles			
8	SPPS InterLATA OC-3 Channel 101 – 1200 miles	SONET InterLATA service at OC-3/OC-3c point-to-point interoffice channel between InterLATA POPs at OC-3 speed. 101-1200 miles	Y	SON10
	Bidder's Product Description: SONET InterLATA service at OC-3/OC-3c point-to-point interoffice channel between InterLATA POPs at OC-3 speed. 101-1200 miles			
9	SPPS InterLATA OC-3 Channel Over 1200 miles	SONET InterLATA service at OC-3/OC-3c point-to-point interoffice channel between InterLATA POPs at OC-3 speed.	Y	SON11
	Bidder's Product Description: SONET InterLATA service at OC-3/OC-3c point-to-point interoffice channel between InterLATA POPs at OC-3 speed. Over 1200 miles.			
10	SPPS InterLATA OC-3 Mileage	Interoffice mileage for OC-3 circuits with the endpoints in different LATAs. Mileage is calculated using the V&H coordinate method.	Y	SON12
	Bidder's Product Description: Interoffice mileage for OC-3 circuits with the endpoints in different LATAs. Mileage is calculated using the V&H coordinate method.			



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
11	SPPS InterLATA OC-12 Channel 1 – 100 miles	SONET InterLATA service at OC-12/OC-12c point-to-point interoffice channel between InterLATA POPs at OC-12 speed. 1 – 100 miles	Y		SON13
Bidder's Product Description: SONET InterLATA service at OC-12/OC-12c point-to-point interoffice channel between InterLATA POPs at OC-12 speed. 1 – 100 miles					
12	SPPS InterLATA OC-12 Channel 101 – 1200 miles	SONET InterLATA service at OC-12/OC-12c point-to-point interoffice channel between InterLATA POPs at OC-12 speed. 101 – 1200 miles	Y		SON14
Bidder's Product Description: SONET InterLATA service at OC-12/OC-12c point-to-point interoffice channel between InterLATA POPs at OC-12 speed. 101 – 1200 miles					
13	SPPS InterLATA OC-12 Channel Over 1200 miles	SONET InterLATA service at OC-12/OC-12c point-to-point interoffice channel between InterLATA POPs at OC-12 speed. Over 1200 miles	Y		SON15
Bidder's Product Description: SONET InterLATA service at OC-12/OC-12c point-to-point interoffice channel between InterLATA POPs at OC-12 speed. Over 1200 miles					
14	SPPS InterLATA OC-12 Mileage	Interoffice mileage for OC-12 circuits with the endpoints in different LATAs. Mileage is calculated using the V&H coordinate method.	Y		SON16
Bidder's Product Description: Interoffice mileage for OC-12 circuits with the endpoints in different LATAs. Mileage is calculated using the V&H coordinate method.					
15	SPPS InterLATA OC-48 Channel	SONET InterLATA service at OC-48. Point-to-point interoffice channel (IOC) between InterLATA POPs at OC-48 speed.	Y		SON17



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N	Bidder's Product Identifier
	Bidder's Product Description: SONET InterLATA service at OC-48. Point-to-point interoffice channel (IOC) between InterLATA POPs at OC-48 speed.			
16	SPPS InterLATA OC-48 Mileage	Interoffice mileage for OC-48 circuits with the endpoints in different LATAs. Mileage is calculated using the V&H coordinate method.	Y	SON18
	Bidder's Product Description: Interoffice mileage for OC-48 circuits with the endpoints in different LATAs. Mileage is calculated using the V&H coordinate method.			

The Contractor may offer additional unsolicited SPPS services and features in Table 4.2.2.2.b.

Table 4.2.2.2.b Unsolicited SPPS Services and Features

	Feature Name	Feature Description	Bidder's Product Identifier
1	SPPS Local Loop Service (OC-192)	Point-to-point service at OC-192 speed service provides point-to-point optical interconnection between the telephone company serving wire center (SWC) and the Customer premise. Customer is required to provide an ADM that is compatible with the Contractor's central office ADM as described in the Technical Publication GR-253-CORE. Mileage charges apply if the two (2) end points are in different SWC nodes. Two (2) local loops are required.	SON04
	Bidder's Product Description: Point-to-point service at OC-192 speed service provides point-to-point optical interconnection between the telephone company serving wire center (SWC) and the Customer premise. Customer is required to provide an ADM that is compatible with the Contractor's central office ADM as described in the Technical Publication GR-253-CORE. Mileage charges apply if the two (2) end points are in different SWC nodes. Two (2) local loops are required.		
2	SPPS IntraLATA OC-192 Point-Point Circuit Mileage	OC-192 Point-to-Point Service interoffice mileage for OC-192 circuits with the endpoints in different serving wire centers. Mileage is calculated using the V&H coordinate method.	SON08



	Feature Name	Feature Description	Bidder's Product Identifier
	Bidder's Product Description: OC-192 Point-to-Point Service interoffice mileage for OC-192 circuits with the endpoints in different serving wire centers. Mileage is calculated using the V&H coordinate method.		
3	SPPS InterLATA OC-192 InterLATA Channel	SONET InterLATA service at OC-192. Point-to-point interoffice channel between InterLATA POPs at OC-192 speed.	SON19
	Bidder's Product Description: SONET InterLATA service at OC-192. Point-to-point interoffice channel between InterLATA POPs at OC-192 speed.		
4	SPPS InterLATA OC-192 Mileage	Interoffice mileage for OC-192 circuits with the endpoints in different LATAs. Mileage is calculated using the V&H coordinate method.	SON20
	Bidder's Product Description: Interoffice mileage for OC-192 circuits with the endpoints in different LATAs. Mileage is calculated using the V&H coordinate method.		

### 4.2.2.3 SPPS Geographic Requirements

Table 4.2.2.3.a provides a listing of cities in California. Bidders shall indicate the geographic locations where Contractor will provide SPPS Local Loop, IntraLATA and InterLATA services in Table 4.2.2.3.a where Contractor's facilities are available. All bandwidths must be available in the service locations identified by the Bidder. By entering "X", the Bidder commits to provide service in that specific location.

Table 4.2.2.3.a Bidder's SPPS Local Loop, IntraLATA and InterLATA Service Locations

	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
1	Adelanto			
2	Agoura Hills	X	X	X
3	Alameda	X	X	X
4	Albany	X	X	X
5	Alhambra	X	X	X
6	Aliso Viejo	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
7	Alluras			
8	Amador			
9	American Canyon	X	X	X
10	Anaheim	X	X	X
11	Anderson	X	X	X
12	Angels Camp			
13	Antioch	X	X	X
14	Apple Valley			
15	Arcadia	X	X	X
16	Arcata	X	X	X
17	Arroyo Grande	X	X	X
18	Artesia			
19	Arvin	X	X	X
20	Atascadero	X	X	X
21	Atherton	X	X	X
22	Atwater	X	X	X
23	Auburn	X	X	X
24	Avalon	X	X	X
25	Avenal	X	X	X
26	Azusa			
27	Bakersfield	X	X	X
28	Baldwin Park	X	X	X
29	Banning			
30	Barstow			
31	Beaumont			
32	Bell	X	X	X
33	Bell Gardens			
34	Bellflower	X	X	X
35	Belmont	X	X	X
36	Belvedere	X	X	X
37	Benicia	X	X	X
38	Berkeley	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
39	Beverly Hills	X	X	X
40	Big Bear Lake			
41	Biggs	X	X	X
42	Bishop			
43	Blue Lake	X	X	X
44	Blythe			
45	Bradbury			
46	Brawley	X	X	X
47	Brea	X	X	X
48	Brentwood	X	X	X
49	Brisbane	X	X	X
50	Buellton			
51	Buena Park	X	X	X
52	Burbank	X	X	X
53	Burlingame	X	X	X
54	Calabasas	X	X	X
55	Calexico	X	X	X
56	California City			
57	Calimesa			
58	Calipatria	X	X	X
59	Calistoga	X	X	X
60	Camarillo	X	X	X
61	Campbell	X	X	X
62	Canyon Lake			
63	Capitola	X	X	X
64	Carlsbad	X	X	X
65	Carmel-By-The-Sea	X	X	X
66	Carpinteria			
67	Carson	X	X	X
68	Cathedral City			
69	Ceres	X	X	X
70	Cerritos			



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
71	Chico	X	X	X
72	Chino	X	X	X
73	Chino Hills			
74	Chowchilla	X	X	X
75	Chula Vista	X	X	X
76	Citrus Heights	X	X	X
77	Claremont	X	X	X
78	Clayton	X	X	X
79	Clearlake	X	X	X
80	Cloverdale	X	X	X
81	Coachella			
82	Coalinga	X	X	X
83	Colfax			
84	Colma	X	X	X
85	Colton	X	X	X
86	Colusa			
87	Commerce	X	X	X
88	Compton	X	X	X
89	Concord	X	X	X
90	Corcoran			
91	Corning	X	X	X
92	Corona	X	X	X
93	Coronado	X	X	X
94	Corte Madera	X	X	X
95	Costa Mesa	X	X	X
96	Cotati	X	X	X
97	Covina			
98	Crescent City			
99	Cudahy	X	X	X
100	Culver City	X	X	X
101	Cupertino	X	X	X
102	Cypress	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
103	Daly City	X	X	X
104	Dana Point	X	X	X
105	Danville	X	X	X
106	Davis	X	X	X
107	Del Mar	X	X	X
108	Del Rey Oaks	X	X	X
109	Delano	X	X	X
110	Desert Hot Springs			
111	Diamond Bar	X	X	X
112	Dinuba	X	X	X
113	Dixon	X	X	X
114	Dorris			
115	Dos Palos			
116	Downey	X	X	X
117	Duarte			
118	Dublin	X	X	X
119	Dunsmuir	X	X	X
120	East Palo Alto	X	X	X
121	El Cajon	X	X	X
122	El Centro	X	X	X
123	El Cerrito	X	X	X
124	El Monte	X	X	X
125	El Paso De Robles	X	X	X
126	El Segundo	X	X	X
127	Elk Grove	X	X	X
128	Emeryville	X	X	X
129	Encinitas	X	X	X
130	Escalon	X	X	X
131	Escondido	X	X	X
132	Etna			
133	Eureka	X	X	X
134	Exeter			



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
135	Fairfax	X	X	X
136	Fairfield	X	X	X
137	Farmersville	X	X	X
138	Ferndale			
139	Fillmore	X	X	X
140	Firebaugh	X	X	X
141	Folsom	X	X	X
142	Fontana	X	X	X
143	Fort Bragg	X	X	X
144	Fort Jones			
145	Fortuna	X	X	X
146	Foster City	X	X	X
147	Fountain Valley	X	X	X
148	Fowler			
149	Fremont	X	X	X
150	Fresno	X	X	X
151	Fullerton	X	X	X
152	Galt	X	X	X
153	Garden Grove	X	X	X
154	Gardena	X	X	X
155	Gilroy	X	X	X
156	Glendale	X	X	X
157	Glendora	X	X	X
158	Goleta			
159	Gonzales	X	X	X
160	Grand Terrace	X	X	X
161	Grass Valley	X	X	X
162	Greenfield	X	X	X
163	Gridley	X	X	X
164	Grover Beach	X	X	X
165	Guadalupe			
166	Gustine	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
167	Half Moon Bay	X	X	X
168	Hanford	X	X	X
169	Hawaiian Gardens			
170	Hawthorne	X	X	X
171	Hayward	X	X	X
172	Healdsburg	X	X	X
173	Hemet			
174	Hercules	X	X	X
175	Hermosa Beach	X	X	X
176	Hesperia			
177	Hidden Hills	X	X	X
178	Highland	X	X	X
179	Hillsborough	X	X	X
180	Hollister	X	X	X
181	Holtville	X	X	X
182	Hughson	X	X	X
183	Humboldt			
184	Huntington Beach	X	X	X
185	Huntington Park	X	X	X
186	Huron	X	X	X
187	Imperial	X	X	X
188	Imperial Beach	X	X	X
189	Indian Wells			
190	Indio			
191	Industry			
192	Inglewood	X	X	X
193	Inyo			
194	Ione	X	X	X
195	Irvine	X	X	X
196	Irwindale			
197	Isleton			
198	Jackson	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
199	Kerman			
200	Kern			
201	King City	X	X	X
202	Kings			
203	Kingsburg	X	X	X
204	La Canada Flintridge	X	X	X
205	La Habra	X	X	X
206	La Habra Heights			
207	La Mesa	X	X	X
208	La Mirada	X	X	X
209	La Palma			
210	La Puente	X	X	X
211	La Quinta			
212	La Verne			
213	Lafayette	X	X	X
214	Laguna Beach	X	X	X
215	Laguna Hills	X	X	X
216	Laguna Niguel	X	X	X
217	Laguna Woods	X	X	X
218	Lake			
219	Lake Elsinore	X	X	X
220	Lake Forest	X	X	X
221	Lakeport	X	X	X
222	Lakewood	X	X	X
223	Lancaster	X	X	X
224	Larkspur	X	X	X
225	Lassen			
226	Lathrop			
227	Lawndale			
228	Lemon Grove	X	X	X
229	Lemoore	X	X	X
230	Lincoln	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
231	Lindsay			
232	Live Oak	X	X	X
233	Livermore	X	X	X
234	Livingston	X	X	X
235	Lodi	X	X	X
236	Loma Linda			
237	Lomita	X	X	X
238	Lompoc			
239	Long Beach	X	X	X
240	Loomis	X	X	X
241	Los Alamitos	X	X	X
242	Los Altos	X	X	X
243	Los Altos Hills	X	X	X
244	Los Angeles	X	X	X
245	Los Banos	X	X	X
246	Los Gatos	X	X	X
247	Loyalton	X	X	X
248	Lynwood	X	X	X
249	Madera	X	X	X
250	Malibu			
251	Mammoth Lakes			
252	Manhattan Beach	X	X	X
253	Manteca			
254	Maricopa			
255	Marina	X	X	X
256	Martinez	X	X	X
257	Marysville	X	X	X
258	Maywood	X	X	X
259	Mcfarland			
260	Mendota	X	X	X
261	Menlo Park	X	X	X
262	Merced	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
263	Mill Valley	X	X	X
264	Millbrae	X	X	X
265	Milpitas	X	X	X
266	Mission Viejo	X	X	X
267	Modesto	X	X	X
268	Monrovia	X	X	X
269	Montague	X	X	X
270	Montclair	X	X	X
271	Monte Sereno			
272	Montebello	X	X	X
273	Monterey	X	X	X
274	Monterey Park	X	X	X
275	Moorpark	X	X	X
276	Moraga	X	X	X
277	Moreno Valley			
278	Morgan Hill	X	X	X
279	Morro Bay	X	X	X
280	Mount Shasta	X	X	X
281	Mountain View	X	X	X
282	Murrieta			
283	Napa	X	X	X
284	National City	X	X	X
285	Needles			
286	Nevada City	X	X	X
287	Newark	X	X	X
288	Newman	X	X	X
289	Newport Beach	X	X	X
290	Norco	X	X	X
291	Norwalk	X	X	X
292	Novato	X	X	X
293	Oakdale	X	X	X
294	Oakland	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
295	Oakley	X	X	X
296	Oceanside	X	X	X
297	Ojai	X	X	X
298	Ontario	X	X	X
299	Orange	X	X	X
300	Orange Cove	X	X	X
301	Orinda	X	X	X
302	Orland	X	X	X
303	Oroville	X	X	X
304	Oxnard	X	X	X
305	Pacific Grove	X	X	X
306	Pacifica	X	X	X
307	Palm Desert			
308	Palm Springs			
309	Palmdale	X	X	X
310	Palo Alto	X	X	X
311	Palos Verdes Estates			
312	Paradise	X	X	X
313	Paramount	X	X	X
314	Parlier	X	X	X
315	Pasadena	X	X	X
316	Patterson			
317	Perris			
318	Petaluma	X	X	X
319	Pico Rivera	X	X	X
320	Piedmont	X	X	X
321	Pinole	X	X	X
322	Pismo Beach	X	X	X
323	Pittsburg	X	X	X
324	Placentia	X	X	X
325	Placerville	X	X	X
326	Pleasant Hill	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
327	Pleasanton	X	X	X
328	Plymouth	X	X	X
329	Point Arena	X	X	X
330	Pomona	X	X	X
331	Port Hueneme	X	X	X
332	Porterville	X	X	X
333	Portola	X	X	X
334	Portola Valley	X	X	X
335	Poway	X	X	X
336	Rancho Cordova	X	X	X
337	Rancho Cucamonga	X	X	X
338	Rancho Mirage			
339	Rancho Palos Verdes			
340	Rancho Santa Margarita	X	X	X
341	Red Bluff	X	X	X
342	Redding	X	X	X
343	Redlands			
344	Redondo Beach	X	X	X
345	Redwood City	X	X	X
346	Reedley			
347	Rialto	X	X	X
348	Richmond	X	X	X
349	Ridgecrest			
350	Rio Dell	X	X	X
351	Rio Vista			
352	Ripon	X	X	X
353	Riverbank	X	X	X
354	Riverside	X	X	X
355	Rocklin	X	X	X
356	Rohnert Park	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
357	Rolling Hills	X	X	X
358	Rolling Hills Estates			
359	Rosemead	X	X	X
360	Roseville	X	X	X
361	Ross	X	X	X
362	Sacramento	X	X	X
363	Salinas	X	X	X
364	San Anselmo	X	X	X
365	San Bernardino	X	X	X
366	San Bruno	X	X	X
367	San Buenaventura	X	X	X
368	San Carlos	X	X	X
369	San Clemente	X	X	X
370	San Diego	X	X	X
371	San Dimas			
372	San Fernando	X	X	X
373	San Francisco	X	X	X
374	San Gabriel	X	X	X
375	San Jacinto			
376	San Joaquin			
377	San Jose	X	X	X
378	San Juan Bautista	X	X	X
379	San Juan Capistrano	X	X	X
380	San Leandro	X	X	X
381	San Luis Obispo	X	X	X
382	San Marcos	X	X	X
383	San Marino	X	X	X
384	San Mateo	X	X	X
385	San Pablo	X	X	X
386	San Rafael	X	X	X
387	San Ramon	X	X	X
388	Sand City	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
389	Sanger			
390	Santa Ana	X	X	X
391	Santa Barbara			
392	Santa Clara	X	X	X
393	Santa Clarita	X	X	X
394	Santa Cruz	X	X	X
395	Santa Fe Springs	X	X	X
396	Santa Maria	X	X	X
397	Santa Monica	X	X	X
398	Santa Paula			
399	Santa Rosa	X	X	X
400	Santee	X	X	X
401	Saratoga	X	X	X
402	Sausalito	X	X	X
403	Scotts Valley	X	X	X
404	Seal Beach			
405	Seaside	X	X	X
406	Sebastopol	X	X	X
407	Selma	X	X	X
408	Shafter	X	X	X
409	Shasta Lake	X	X	X
410	Sierra Madre			
411	Signal Hill			
412	Simi Valley	X	X	X
413	Solana Beach	X	X	X
414	Soledad	X	X	X
415	Solvang			
416	Sonoma	X	X	X
417	Sonora	X	X	X
418	South El Monte	X	X	X
419	South Gate	X	X	X
420	South Lake Tahoe	X	X	X



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
421	South Pasadena	X	X	X
422	South San Francisco	X	X	X
423	St Helena			
424	Stanton	X	X	X
425	Stockton	X	X	X
426	Suisun City	X	X	X
427	Sunnyvale	X	X	X
428	Susanville			
429	Sutter Creek	X	X	X
430	Taft			
431	Tehachapi	X	X	X
432	Tehama	X	X	X
433	Temecula			
434	Temple City	X	X	X
435	Thousand Oaks	X	X	X
436	Tiburon	X	X	X
437	Torrance	X	X	X
438	Tracy	X	X	X
439	Trinidad	X	X	X
440	Truckee	X	X	X
441	Tulare	X	X	X
442	Tulelake			
443	Turlock	X	X	X
444	Tustin	X	X	X
445	Twentynine Palms			
446	Ukiah	X	X	X
447	Union City	X	X	X
448	Upland	X	X	X
449	Vacaville	X	X	X
450	Vallejo	X	X	X
451	Vernon	X	X	X
452	Victorville			



	Service Location	SPPS Local Loop Service (Intra-office)	SPPS IntraLATA (Inter-office)	SPPS InterLATA (Inter-office)
453	Villa Park	X	X	X
454	Visalia	X	X	X
455	Vista	X	X	X
456	Walnut			
457	Walnut Creek	X	X	X
458	Wasco	X	X	X
459	Waterford	X	X	X
460	Watsonville	X	X	X
461	Weed	X	X	X
462	West Covina	X	X	X
463	West Hollywood	X	X	X
464	West Los Angeles	X	X	X
465	West Sacramento	X	X	X
466	Westlake Village	X	X	X
467	Westminster	X	X	X
468	Westmorland	X	X	X
469	Wheatland	X	X	X
470	Whittier	X	X	X
471	Williams			
472	Willits	X	X	X
473	Willows	X	X	X
474	Windsor	X	X	X
475	Winters	X	X	X
476	Woodlake	X	X	X
477	Woodland	X	X	X
478	Woodside	X	X	X
479	Yorba Linda	X	X	X
480	Yountville	X	X	X
481	Yreka	X	X	X
482	Yuba City	X	X	X
483	Yucaipa			
484	Yucca Valley			



Bidders shall identify any additional geographic locations where Contractor will provide SPPS services in Table 4.2.2.3.b.

If Bidder is unable to identify all service areas within Table 4.2.2.3.a, Bidder shall provide additional information in the form of a coverage map that includes unincorporated areas.

Table 4.2.2.3.b Bidder's Unsolicited SPPS Service Areas

	Service Location	SPPS Local Loop Service		SPPS IntraLATA		SPPS InterLATA	
		Yes	No	Yes	No	Yes	No
1	None						

### 4.2.3 SONET Network Disaster/Operational Recovery

#### 4.2.3.1 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 related CPUC and FCC requirements.

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

#### 4.2.3.2 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.

Contractor shall restore service as soon as possible. It is essential that the services most critical to State operations remain operational during efforts to achieve full service recovery.

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



## **4.2.4 Other Services**

### **4.2.4.1 Hourly Rates for Services**

The hourly classifications of hours worked for services described in this section 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.

### **4.2.4.2 Extended Demarcation Wiring Services**

The Contractor shall provide Extended Demarcation (Extended Demarc) wiring to support the services covered by this IFB 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 4.2.5.8.7 (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 CALNET 3 CMO.

Bidder shall provide a price in the 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. 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 and as periodically updated by CALNET 3 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 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  X  No \_\_\_\_\_**



The Contractor shall offer the wiring services for extended demarcation detailed in Table 4.2.4.2.a.

Table 4.2.4.2.a. Extended Demarcation Wiring Services

	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
			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 as described above. Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.	Y		EDCR
Bidder's Product Description: The copper demarcation point extension is up to 300 feet. Extended termination wiring will include the necessary four-pair cable and an RJ48s or equivalent smart jack. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during regular hours.					
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 as described above. Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.	Y		EDCO
Bidder's Product Description: The copper demarcation point extension is up to 300 feet. Extended termination wiring will include the necessary four-pair cable and an RJ48s or equivalent smart jack. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during overtime hours.					
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 as described above. Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.	Y		EDCH
Bidder's Product Description: The copper demarcation point extension is up to 300 feet. Extended termination wiring will include the necessary four-pair cable and an RJ48s or equivalent smart jack. To provide this service, AT&T assumes customer has adequate pathways. The labor rate is for work performed during Sunday and Holiday hours.					



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
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 as described above. Includes 300 feet or less of one (1) Category 5 25-pair CMP patch panels 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.	Y		EDC25R
<p>Bidder's Product Description:</p> <p>The copper demarcation point extension is limited to 300 feet or less of one Category 5 25-pair CMP UTP cable with new 24-port Category 5 patch panels. Category 5e ten, three-meter jumpers, one 24-port patch 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&amp;T assumes customer has adequate pathways. The labor rate is for work performed during regular hours.</p>					
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 as described above. Includes 300 feet or less of Category 5 25-pair CMP cable, one 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.	Y		EDC25O
<p>Bidder's Product Description:</p> <p>The copper demarcation point extension is limited to 300 feet or less of one Category 5 25-pair CMP UTP cable with new 24-port Category 5 patch panels. Category 5e ten, three-meter jumpers, one 24-port patch 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&amp;T assumes customer has adequate pathways. The labor rate is for work performed during overtime hours.</p>					



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
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 as described above. Includes 300 feet or less of Category 5 25-pair CMP cable, one 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.	Y		EDC25H
<p>Bidder's Product Description:</p> <p>The copper demarcation point extension is limited to 300 feet or less of one Category 5 25-pair CMP UTP cable with new 24-port Category 5 patch panels. Category 5e ten, three-meter jumpers, one 24-port patch 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&amp;T assumes customer has adequate pathways. The labor rate is for work performed during Sunday and holiday hours.</p>					
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 as described above 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.	Y		EDOR
<p>Bidder's Product Description:</p> <p>The pricing of this item includes up to 1,000 feet of 62.5/125- or 50/125-micron, two-strand CMP fiber drop cable with adapters, connectors, and two SC-SC duplex patch cords for each single circuit extension. Associated troubleshooting, testing, and labeling is included. To provide this service, AT&amp;T assumes customer has adequate pathways. Enclosures are not included. The labor rate is for work performed during regular hours.</p>					
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 as described above 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.	Y		EDOO



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N	Bidder's Product Identifier
	Bidder's Product Description: The pricing of this item includes up to 1,000 feet of 62.5/125- or 50/125-micron, two-strand CMP fiber drop cable with adapters, connectors, and two SC-SC duplex patch cords for each single circuit extension. Associated troubleshooting, testing, and labeling is included. AT&T assumes customer has adequate pathways. Enclosures are not included. The labor rate is for work performed during overtime hours.			
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 as described above 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.	Y	EDO#
	Bidder's Product Description: The pricing of this item includes up to 1,000 feet of 62.5/125- or 50/125-micron, two-strand CMP fiber drop cable with adapters, connectors, and two SC-SC duplex patch cords for each single circuit extension. Associated troubleshooting, testing, and labeling is included. AT&T assumes customer has adequate pathways. Enclosures are not included. The labor rate is for work performed during Sunday and holiday hours.			

The Contractor may offer additional unsolicited extended demarcation wiring services in Table 4.2.4.1.b.

Table 4.2.4.12.b Unsolicited Extended Demarcation Wiring Services

	Feature Name	Feature Description	Bidder's Product Identifier
1	<del>Inside-Wire Services</del>	<del>Inside-Wire Services</del>	<del>Multiple IDs- See Below</del>
	Bidder's Product Description: <del>Inside-Wire Services</del>		
2	<del>IW-Materials</del>	<del>IW-Materials</del>	<del>IWTM</del>

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	Feature Name	Feature Description	Bidder's Product Identifier
	<p><b>Bidder's Product Description:</b></p> <p>Materials only. As required to support of placement, installation, or connection of any new or existing inside plant facilities</p>		
3	IW-Labor	IW-Labor	Multiple IDs- See Below
	<p><b>Bidder's Product Description:</b></p> <p>IW-Labor</p>		
4	Inside Wire Technician Labor (hourly rate), Regular Hours	Inside Wire Technician Labor (hourly rate), Regular Hours	IWTLR
	<p><b>Bidder's Product Description:</b></p> <p>Inside Wire Technician Labor (hourly rate), Regular Hours</p>		
5	Inside Wire Technician Labor (hourly rate), Overtime Hours	Inside Wire Technician Labor (hourly rate), Overtime Hours	IWTLO
	<p><b>Bidder's Product Description:</b></p> <p>Inside Wire Technician Labor (hourly rate), Overtime Hours</p>		
6	Inside Wire Technician Labor (hourly rate), Sunday and Holiday Hours	Inside Wire Technician Labor (hourly rate), Sunday and Holiday Hours	IWTLS
	<p><b>Bidder's Product Description:</b></p> <p>Inside Wire Technician Labor (hourly rate), Sunday and Holiday Hours</p>		
7	IW Equipment and Rental Equipment Services	IW Equipment and Rental Equipment Services	IWTE



	Feature Name	Feature Description	Bidder's Product Identifier
	<p><del>Bidder's Product Description:</del></p> <p><del>Ex: Scissor lifts, concrete coring, specialized equipment or services, Etc associated with inside wiring services.</del></p>		
8	<del>Conduit and Raceway Wiring Services</del>	<del>Conduit and Raceway Wiring Services</del>	<del>Multiple IDs- See Below</del>
	<p><del>Bidder's Product Description:</del></p> <p><del>Conduit and Raceway Wiring Services</del></p>		
9	<del>Conduit and Raceway Wiring Services Materials</del>	<del>Conduit and Raceway Wiring Services Materials</del>	<del>CRTM</del>
	<p><del>Bidder's Product Description:</del></p> <p><del>Materials only. As required to support of placement, installation, or connection of any new or existing conduit or raceway systems services.</del></p>		
10	<del>Conduit and Raceway Wiring Services Labor</del>	<del>Conduit and Raceway Wiring Services</del>	<del>Multiple IDs- See Below</del>
	<p><del>Bidder's Product Description:</del></p> <p><del>Conduit and Raceway Wiring Services Labor</del></p>		
11	<del>Conduit and Raceway Wiring Services Technician Labor (hourly rate), Regular Hours</del>	<del>Conduit and Raceway Wiring Services Technician Labor (hourly rate), Regular Hours</del>	<del>CRTLRL</del>
	<p><del>Bidder's Product Description:</del></p> <p><del>Inside Wire Technician Labor (hourly rate), Regular Hours</del></p>		



	Feature Name	Feature Description	Bidder's Product Identifier
12	<del>Conduit and Raceway Wiring Services Technician Labor (hourly rate), Overtime Hours</del>	<del>Conduit and Raceway Wiring Services Technician Labor (hourly rate), Overtime Hours</del>	<del>CRTLO</del>
	Bidder's Product Description: <del>Conduit and Raceway Wiring Services Technician Labor (hourly rate), Overtime Hours</del>		
13	<del>Conduit and Raceway Wiring Services</del>	<del>Conduit and Raceway Wiring Services Technician Labor (hourly rate), Sunday and Holiday Hours</del>	<del>CRTLS</del>
	Bidder's Product Description: <del>Conduit and Raceway Wiring Services Technician Labor (hourly rate), Sunday and Holiday Hours</del>		
14	<del>Conduit and Raceway Wiring Services Equipment and Rental Equipment Services</del>	<del>Conduit and Raceway Wiring Services equipment and Rental Equipment Services</del>	<del>CRTE</del>
	Bidder's Product Description: <del>Ex: Scissor lifts, concrete coring, specialized equipment or services, etc associated with conduit or raceway system services.</del>		
15	<del>Outside Plant Services</del>	<del>Outside Plant Services</del>	<del>Multiple IDs-See Below</del>
	Bidder's Product Description: <del>Outside Plant Services</del>		
16	<del>Outside Plant Services Materials</del>	<del>Outside Plant Services Materials</del>	<del>OPTM</del>



	Feature Name	Feature Description	Bidder's Product Identifier
	<p><b>Bidder's Product Description:</b></p> <p>Materials only. As required to support of placement, installation, or connection of any new or existing outside plant facilities</p>		
17	Outside-Plant Services-Labor	Outside-Plant Services-Labor	Multiple IDs- See Below
	<p><b>Bidder's Product Description:</b></p> <p>Outside-Plant Services-Labor</p>		
18	Outside-Plant Services Technician-Labor (hourly rate), Regular Hours	Outside-Plant Services-Technician-Labor (hourly rate), Regular Hours	OPTLR
	<p><b>Bidder's Product Description:</b></p> <p>Outside-Plant Services-Technician-Labor (hourly rate), Regular Hours</p>		
19	Outside-Plant Services Technician Labor (hourly rate), Overtime Hours	Outside-Plant Services-Technician-Labor (hourly rate), Overtime Hours	OPTLO
	<p><b>Bidder's Product Description:</b></p> <p>Outside-Plant Services-Technician-Labor (hourly rate), Overtime Hours</p>		
20	Outside-Plant Services Technician Labor (hourly rate), Sunday and Holiday Hours	Outside-Plant Services-Technician Labor (hourly rate), Sunday and Holiday Hours	OPTLS
	<p><b>Bidder's Product Description:</b></p> <p>Outside-Plant Services-Technician-Labor (hourly rate), Sunday and Holiday Hours</p>		



	Feature Name	Feature Description	Bidder's Product Identifier
21	Outside-Plant Services Equipment and Rental Equipment Services	Outside-Plant Services Equipment and Rental Equipment Services	OPTE
	Bidder's Product Description: Ex: Reel carrier, cable dolly, 1-ton truck, specialized OSP vehicles, etc. associated with outside plant services		
22	Telecommunication Sub-structure Services	Telecommunication Sub-structure Services	Multiple IDs-See Below
	Bidder's Product Description: Telecommunication Sub-structure Services		
23	Telecommunication Sub-structure Services	Telecommunication Sub-structure Services Materials	SOEM
	Bidder's Product Description: Materials only. As required to support of placement, installation, or connection of any new or existing sub-structure facilities		
24	Telecommunication Sub-structure Services Operating Engineer Labor	Telecommunication Sub-structure Services Operating Engineer Labor	Multiple IDs-See Below
	Bidder's Product Description: Telecommunication Sub-structure Services Labor		
25	Sub-structure Operating Engineer Labor (hourly rate), Regular Hours	Sub-structure Operating Engineer Labor (hourly rate), Regular Hours	SOELR



	Feature Name	Feature Description	Bidder's Product Identifier
	<del>Bidder's Product Description:</del> <del>Sub-structure Operating Engineer Labor (hourly rate), Regular Hours</del>		
26	<del>Sub-structure Operating Engineer Labor (hourly rate); Overtime Hours</del>	<del>Sub-structure Operating Engineer Labor (hourly rate), Overtime Hours</del>	<del>SOELO</del>
	<del>Bidder's Product Description:</del> <del>Sub-structure Operating Engineer Labor (hourly rate), Overtime Hours</del>		
27	<del>Sub-structure Operating Engineer Labor (hourly rate); Sunday and Holiday Hours</del>	<del>Sub-structure Operating Engineer Labor (hourly rate); Sunday and Holiday Hours</del>	<del>SOELS</del>
	<del>Bidder's Product Description:</del> <del>Sub-structure Operating Engineer Labor (hourly rate), Sunday and Holiday Hours</del>		
28	<del>Telecommunication Sub-structure Services Laborer Labor</del>	<del>Telecommunication Sub-structure Services Laborer Labor</del>	<del>Multiple IDs See Below</del>
	<del>Bidder's Product Description:</del> <del>Telecommunication Sub-structure Services Laborer Labor</del>		
29	<del>Sub-structure Laborer Labor (hourly rate); Regular Hours</del>	<del>Sub-structure Laborer Labor (hourly rate), Regular Hours</del>	<del>SLLR</del>
	<del>Bidder's Product Description:</del> <del>Sub-structure Laborer Labor (hourly rate), Regular Hours</del>		



	Feature Name	Feature Description	Bidder's Product Identifier
30	Sub-structure- Laborer-Labor (hourly rate), Overtime Hours	Sub-structure – Laborer Labor (hourly rate), Overtime Hours	SLLO
	Bidder's Product Description:  Sub-structure – Laborer Labor (hourly rate), Overtime Hours		
31	Sub-structure- Laborer-Labor (hourly rate), Sunday and Holiday Hours	Sub-structure – Laborer Labor (hourly rate), Sunday and Holiday Hours	SLLS
	Bidder's Product Description:  Sub-structure – Laborer Labor (hourly rate), Sunday and Holiday Hours		
32	Telecommunicatio n-Sub-structure Services Equipment and Rental-Equipment Services	Telecommunication Sub-structure Services-Equipment and Rental-Equipment Services	SLE
	Bidder's Product Description:  Ex: Backhoes, compressors, tampers, bore machines and other equipment associated with telecommunications sub-structure services.		
33	Project Designer / Engineer Services	Project Designer / Engineer Services	Multiple IDs-See Below
	Bidder's Product Description:  Project Designer / Engineer Services		
34	Project Designer / Engineer Services Materials	Project Designer / Engineer Services Materials	PDEM



	Feature Name	Feature Description	Bidder's Product Identifier
	<p><b>Bidder's Product Description:</b></p> <p>Material only. As required to support of planning, design and inspection of cable plant facilities.</p>		
35	Project Designer / Engineer Services Labor	Project Designer / Engineer Services Labor	Multiple IDs- See Below
	<p><b>Bidder's Product Description:</b></p> <p>Project Designer / Engineer Services Labor</p>		
36	Project Designer / Engineer Labor (hourly rate), Regular Hours	Project Designer / Engineer Labor (hourly rate), Regular Hours	PDELR
	<p><b>Bidder's Product Description:</b></p> <p>Project Designer / Engineer Labor (hourly rate), Regular Hours</p>		
37	Project Designer / Engineer Labor (hourly rate), Overtime Hours	Project Designer / Engineer Labor (hourly rate), Overtime Hours	PDELO
	<p><b>Bidder's Product Description:</b></p> <p>Project Designer / Engineer Labor (hourly rate), Overtime Hours</p>		
38	Project Designer / Engineer Labor (hourly rate), Sunday and Holiday Hours	Project Designer / Engineer Labor (hourly rate), Sunday and Holiday Hours	PDELS
	<p><b>Bidder's Product Description:</b></p> <p>Project Designer / Engineer Labor (hourly rate), Sunday and Holiday Hours</p>		



	Feature Name	Feature Description	Bidder's Product Identifier
39	<del>Project Designer / Engineer Services Equipment and Rental Equipment Services</del>	<del>Project Designer / Engineer Services Equipment and Rental Equipment Services</del>	<del>PDEE</del>
	Bidder's Product Description: <del>Equipment and Rental Equipment associated with Project Designer and Engineering services</del>		
40	<del>Equipment, Permit and Miscellaneous Services</del>	<del>Equipment, Permit and Miscellaneous Services</del>	<del>Multiple IDs-See Below</del>
	Bidder's Product Description: <del>Equipment, Permit and Miscellaneous Services</del>		
41	<del>Equipment/Rental Equipment Fees</del>	<del>Equipment/Rental Equipment Fees</del>	<del>ERF</del>
	Bidder's Product Description: <del>Equipment/Rental Equipment Fees</del>		
42	<del>Performance Bond Fees</del>	<del>Performance Bond Fees</del>	<del>PBF</del>
	Bidder's Product Description: <del>Performance Bond Fees</del>		
43	<del>Permit Fees</del>	<del>Permit Fees</del>	<del>PF</del>
	Bidder's Product Description: <del>Permit Fees</del>		
44	<del>Expedited Shipping Fees</del>	<del>Expedited Shipping Fees</del>	<del>ESF</del>



	Feature Name	Feature Description	Bidder's Product Identifier
	<del>Bidder's Product Description:</del> <del>Expedited Shipping Fees</del>		

### 4.2.4.3 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 4.2.4.3 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 Cost Worksheet 4.2.4.3, 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  No*

The Contractor shall offer emergency restoration services as detailed in Table 4.2.4.3.



Table 4.2.4.3 Services Related Hourly Support

	Labor Classification Name	Classification Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
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 3 service problem that turns out to be caused by factors outside the responsibility of the Contractor.	Y		MVV
Bidder's Product Description: Labor only: To assist in fault isolation, the AT&T field service repair technician can test circuits at the MPOE or to the network interface (NI) of an extended demarcation point. If trouble is found to be in the AT&T-provided circuit, service, or equipment under maintenance to AT&T, no service charge will apply. Dispatch In/Out (CPE, IEC, NTF). Bill from time of dispatch status to time tech completes job. The labor rate is for work performed during regular hours.					
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 3 service problem that turns out to be caused by factors outside the responsibility of the Contractor.	Y		MVV-O
Bidder's Product Description: Labor only: To assist in fault isolation, the AT&T Field Service Repair Technician can test circuits at the MPOE or to the network interface (NI) of an extended demarc. If trouble is found to be in the AT&T provided circuit, service or equipment under maintenance to AT&T, no service charge will apply. Dispatch In/Out (CPE,IEC,NTF). Bill from time of dispatch status to time tech completes job. The labor rate is for work performed during overtime hours.					
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 3 service problem that turns out to be caused by factors outside the responsibility of the Contractor.	Y		MVV-H
Bidder's Product Description: Labor only: To assist in fault isolation, the AT&T Field Service Repair Technician can test circuits at the MPOE or to the network interface (NI) of an extended demarc. If trouble is found to be in the AT&T provided circuit, service or equipment under maintenance to AT&T, no service charge will apply. Dispatch In/Out (CPE,IEC,NTF). Bill from time of dispatch status to time tech completes job. The labor rate is for work performed during Sunday and holiday hours.					



## 4.2.5 Service Level Agreements (SLA)

The Contractor shall provide Service Level Agreements (SLAs) as defined below. The intent of this section is to provide Customers, CALNET 3 CMO and the Contractor with requirements that define and assist in the management of the SLAs. This section includes the SLA formats, general requirements, stop clock conditions, and the Technical SLAs for the services identified in this solicitation.

### 4.2.5.1 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 Term of the Contract:

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 Categories or Subcategories 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 an 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  No*

### 4.2.5.2 Technical Requirements Versus SLA Objectives

Sections 4.2.2 (SONET), 4.2.3 (SONET Network Disaster/Operational Recovery) and 4.2.4 (Other Services) define the 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 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  No

#### 4.2.5.3 Two Methods of Outage Reporting: Customer or Contractor

There are two (2) methods in which CALNET 3 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 (IFB STPD 12-001-B Business Requirements Section B.9.4).

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 (IFB STPD 12-001-B Business Requirements Section B.9.4) and monitor and report to Customer until service is restored.

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

#### 4.2.5.4 Bidder Response to Service Level Agreements

Many of the Service Level Agreements described below include multiple objective levels – Basic, Standard and Premier. 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  No

#### 4.2.5.5 Contractor SLA Management Plan

Within 90 calendar days of Contract award, the Contractor shall provide CALNET 3 CMO with a detailed SLA Management Plan that describes how the Contractor will manage the Technical SLAs for services in this IFB. The SLA Management plan shall provide processes and procedures to be implemented by the Contractor. The SLA Management Plan shall define the following:

1. Contractor SLA Manager and supporting staff responsibilities;
2. 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;



3. Creation and delivery of SLA Reports (IFB STPD 12-001-B Business Requirements Section B.9.5). The Contractor shall include a sample report in accordance with IFB STPD 12-001-B Business Requirements Section B.9.5 (SLA Reports) for the following: SLA Service Performance Report (Section IFB STPD 12-001-B Business Requirements Section B.9.5.1), SLA Provisioning Report (Section IFB STPD 12-001-B Business Requirements Section B.9.5.2), and SLA Catastrophic Outage Reports (Section IFB STPD 12-001-B Business Requirements Section). The Contractor shall commit to a monthly due date. The reports shall be provided to the CALNET 3 CMO via the Private Oversight Website (IFB STPD 12-001-B Business Requirements Section B.9.2);
4. SLA invoicing credit and refund process;
5. Contractor SLA problem resolution process for SLA management and SLA reporting. The Contractor shall provide a separate process for Customers and CALNET 3 CMO; and,
6. Contractor SLA Manager to manage all SLA compliance and reporting. The Contractor shall include SLA Manager contact information for SLA inquiries and issue resolution for Customer and CALNET 3 CMO.

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

#### **4.2.5.6 Technical SLA General Requirements**

The Contractor shall adhere to the following general requirements which apply to all CALNET 3 Technical SLAs (Section 4.2.5.8):

1. With the exception of the Provisioning SLA, the total SLA rights and remedies for any given month shall not exceed the sum of 100 percent 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 3 SLAs and remedies for services provided by Subcontractors and/or Affiliates;
4. The Definition, Measurement Process, Objectives, and Rights and Remedies shall apply to all services identified in each SLA. If a Category or Subcategory is listed in the SLA, then all services under that Category or Subcategory 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 Technical 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 for the Provisioning SLA;
8. To the extent that 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 CALNET 3 CMO for possible inclusion via amendments;
9. The Contractor shall apply CALNET 3 SLAs and remedies to services provided in geographic areas where the Contractor commits to provide service. Any SLAs and remedies negotiated between Contractor and Incumbent Local Exchange Carriers in territories closed to competition shall be passed through to the CALNET 3 Customer;
10. The election by CALNET 3 CMO of any SLA remedy covered by this Contract shall not exclude or limit CALNET 3 CMO's or any 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 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 (IFB STPD 12-001-B Business Requirements Section B.3.4.2) and/or the CALNET 3 CMO Escalation Process (IFB STPD 12-001-B Business Requirements Section B.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 24x365 for CALNET 3 services;
15. SLAs apply 24x365 unless SLA specifies an exception;
16. Contractor invoices shall clearly cross reference the SLA credit to the service Circuit ID in accordance with IFB STPD 12-001-B Business Requirements Section B.5.1 (Billing and Invoicing Requirements, #14);
17. The Contractor shall provide a CALNET 3 SLA Manager responsible for CALNET 3 SLA compliance. The SLA Manager shall attend regular meetings and be available upon request to address CALNET 3 CMO SLA oversight, report issues, and problem resolution concerns. The CALNET 3 SLA Manager shall also coordinate SLA support for Customer SLA inquiries and issue resolution;
18. The Contractor shall provide Customer and CALNET 3 CMO support for SLA inquiries and issue resolution; and,



19. Any SLAs and remedies negotiated between Contractor and third party service provider in territories closed to competition shall be passed through to the CALNET 3 Customer.

Bidder understands the Requirement and shall meet or exceed it? Yes  X  No \_\_\_\_\_

### 4.2.5.7 Trouble Ticket Stop Clock Conditions

The following conditions shall be allowed to stop the trouble ticket Outage Duration for CALNET 3 Contractor trouble tickets. The Contractor shall document the trouble ticket Outage Duration using the Stop Clock Condition (SCC) listed in Table 4.2.5.7 and include start and stop time stamps in the Contractor's Trouble Ticket Reporting Tool (IFB STPD 12-001-B Business Requirements Section B.9.4) for each application of a SCC.

Note: The Glossary (SOW Appendix A) defines term "End-User" as the "individual within an Entity that is utilizing the feature or service provided under the Contract."

Stop Clock Conditions are limited to the conditions listed in Table 4.2.5.7.

Table 4.2.5.7 – 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 request 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 Contractor's reasonable attempt to notify the End-User that 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 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.



#	Stop Clock Condition (SCC)	SCC Definition
6	FACILITIES	Lack of building entrance Facilities or conduit structure that are the End-User's responsibility to provide.
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: 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; c. Customer provides incorrect site contact information which prevents access, provided that Contractor takes reasonable steps to notify End-User of the improper contact information and takes steps to obtain the correct information ; or, d. Site has limited hours of business that directly impacts the Contractor's ability to resolve the problem. If it is determined later that the cause of the problem was not at the site in question, then the Access SCC shall not apply.
8	STAFF	Any problem or delay to the extent caused by End-User's staff that prevents or delays Contractor's resolution of the problem. In such event, 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 Customer Premise Equipment (CPE) not provided by 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 Contractor's technician for on-line close-out of trouble tickets after the Service has been restored as long as Contractor can provide documentation in the trouble ticket substantiating the communication from Contractor's technician.
12	MAINTENANCE	An outage directly related to any properly performed scheduled maintenance or upgrade scheduled for CALNET 3 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 Contractor, not preventable by Contractor, including, at a minimum, cable cuts not caused by the Contractor. Contractor's Subcontractors and Affiliates shall be deemed to be under the control of 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 (Force Majeure).

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



### 4.2.5.8 Technical Service Level Agreements

The Contractor shall provide and manage the following Technical SLAs.

#### 4.2.5.8.1 Availability (M-S)

SLA Name: Availability											
Definition: The percentage of time a CALNET 3 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 affected service (Per Circuit 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 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.											
Services:											
SPPS											
Objective(s): The objective shall be based on the access type:											
<table border="1"> <thead> <tr> <th></th> <th>Basic (B)</th> <th>Standard (S)</th> <th>Premier (P)</th> <th>Bidder's Objective Commitment (B, S or P)</th> </tr> </thead> <tbody> <tr> <td>OCX</td> <td>≥ 99.7%</td> <td>≥ 99.8%</td> <td>≥ 99.9%</td> <td>S</td> </tr> </tbody> </table>			Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)	OCX	≥ 99.7%	≥ 99.8%	≥ 99.9%	S
	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)							
OCX	≥ 99.7%	≥ 99.8%	≥ 99.9%	S							
Rights and Remedies	Per Occurrence: N/A										
	Monthly Aggregated Measurements: First month the service fails to meet the committed SLA objective shall result in a 15 percent rebate of the TMRC.										
	The second consecutive month the service fails to meet the committed SLA objective shall result in a 30 percent rebate of TMRC.  Each additional consecutive month the service fails to meet the committed SLA objective shall result in a 50 percent rebate of the TMRC.										

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



**4.2.5.8.2 Catastrophic Outage 1 (CAT 1) (M-S)**

SLA Name: Catastrophic Outage 1 (CAT 1)					
Definition: Any SPPS service failure outside of the central office (or equivalent facility) that results in the total loss of service at a Customer site.					
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) affected by a 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) is restored minus SCC. Any service reported by Customer as not having been restored shall have the outage time adjusted to the actual restoration time.					
Service(s):					
SPPS					
Objective (s): The objective restoral time shall be:					
		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
	SPPS	≤ 3 hours	≤ 2 hours	≤ 1 hour	S
Rights and Remedies	Per Occurrence: 100 percent 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  No



**4.2.5.8.3 Catastrophic Outage 2 (CAT 2) (M-S)**

SLA Name: Catastrophic Outage 2 (CAT 2)					
<b>Definition:</b> A total failure of a service type in a central office (or equivalent facility), other than access, that results in a CALNET 3 service failure. Or, a backbone failure or failure of any part of the equipment associated with the backbone that causes a CALNET 3 service failure.					
<b>Measurement Process:</b> 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 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 a 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) basis from information recorded from the network equipment/system or Customer reported trouble ticket. Each End-User service (Circuit 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):					
SPPS					
<b>Objective (s):</b> The objective restoral time shall be:					
		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
	SPPS	≤ 1 hour	≤ 30 minutes	≤ 15 minutes	s
Rights and Remedies	Per Occurrence: 100 percent 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



**4.2.5.8.4 Catastrophic Outage 3 (CAT 3) (M-S)**

SLA Name: Catastrophic Outage 3 (CAT 3)				
Definition: The total loss of SPPS service 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 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 a common cause. Outage Duration shall be measured on a per-End-User service (Circuit ID) basis from information recorded from the network equipment/system or trouble ticket. Each End-User service (Circuit 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):				
SPPS				
Objectives: The objective restoral time shall be:				
	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or P)
SPPS	≤ 30 minutes	N/A	≤ 15 minutes	P
Rights and Remedies	Per Occurrence: 100 percent 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  No



**4.2.5.8.5 Excessive Outage (M-S)**

SLA Name: Excessive Outage					
Definition: A service failure 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 unusable during the time the trouble ticket is reported as opened until restoration of the service, minus SCC. If Customer reports a service failure as unresolved after the closure of the trouble ticket by the Contractor, the Unavailable Time shall be adjusted to the actual restoration time.					
Service(s):					
SPPS					
Objective (s): The Unavailable Time objective shall not exceed:					
		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
	SPPS	16 hours	12 hours	8 hours	S
Rights and Remedies	Per Occurrence: 100 percent of the TMRC for each service (Circuit ID) out of service for a period greater than the committed objective level.				
	Upon request from the Customer or the CALNET 3 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  No



**4.2.5.8.6 Notification**

SLA Name: Notification	
<p><b>Definition:</b> The Contractor notification to CALNET 3 CMO and designated stakeholders in the event of a CAT 2 or CAT 3 failure, 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 3 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.</p>	
<p><b>Measurement Process:</b> The Contractor shall adhere to the Network Outage Response requirements (IFB STPD 12-001-B Business Requirements Section B.3.3) and notify the CALNET 3 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 CALNET 3 CMO and designated stakeholder when information is available.</p>	
Service(s): All Services	
<p><b>Objective (s):</b> Within 60 minutes of the above mentioned failures' start time, the Contractor shall notify CALNET 3 CMO and designated stakeholders using a method defined in IFB STPD 12-001-B Business Requirements Section B.3.3 (Network Outage Response).          At 60 minute intervals, updates shall be given on the above mentioned failures via the method defined in Section IFB STPD 12-001-B Business Requirements Section B.3.3 (Network Outage Response).          This objective is the same for Basic, Standard and Premier commitments.</p>	
Rights and Remedies	Per Occurrence: Senior Management Escalation
	Monthly Aggregated Measurements: N/A

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



**4.2.5.8.7 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 Customer and Contractor documented on the Contractor's order confirmation notification or Contracted Service Project Work SOW in accordance with IFB STPD 12-001-B Business Requirements Section B.2.5.4 #7 (Provisioning and Implementation). 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 IFB STPD 12-001-B Business Requirements Section B.6 (Contracted Service Project Work).</p> <p>Provisioning SLAs have two (2) objectives:</p> <p>Objective 1: Individual Service Request; and</p> <p>Objective 2: Successful Install Monthly Percentage by Service Type.</p> <p>Note: Provisioning timelines include extended demarcation wiring, when appropriate.</p>												
<p>Measurement Process:</p> <p>Objective 1: Individual Service Request: Install intervals are based on the committed installation intervals established in this SLA or due dates negotiated between Customer and Contractor. This objective requires the Contractor to meet the due date for each individual Service Request.</p> <p>Objective 2: Successful Install Monthly Percentage per service Type: The Contractor shall sum all individual Service Requests per service, as listed below, meeting the objective in the measurement period (per month) and divide by the sum of all individual Service Requests due per service in the measurement period and multiply by 100 to equal the percentage of Service Requests installed 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 Calendar Days	Coordinated/Managed Project										
SPPS	45	Coordinated/Managed Project										
<p>Objective (s):</p> <p>Objective 1: Individual Service Request: Service installed on or before the Committed Interval or negotiated due date.</p> <p>Objective 2: Successful Install Monthly Percentage per Service:</p> <table border="1" data-bbox="511 1371 1198 1528"> <thead> <tr> <th></th> <th>Basic (B)</th> <th>Standard (S)</th> <th>Premier (P)</th> <th>Bidder's Objective Commitment (S or P)</th> </tr> </thead> <tbody> <tr> <td>SPPS</td> <td>N/A</td> <td>≥ 90%</td> <td>≥ 95%</td> <td><b>S</b></td> </tr> </tbody> </table>				Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (S or P)	SPPS	N/A	≥ 90%	≥ 95%	<b>S</b>
	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (S or P)								
SPPS	N/A	≥ 90%	≥ 95%	<b>S</b>								
Rights and Remedies	<p>Per Occurrence:</p> <p>Objective 1: Individual Service Requests: 50 percent of installation fee credited to Customer for any missed committed objective.</p>											



**Monthly Aggregated Measurements:**

Objective 2: 100 percent of the installation fee credited to Customer for all Service Requests (per service type) that did not complete on time 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  No*

**4.2.5.8.8 Unsolicited Service Enhancement SLAs**

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 this Section.

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

**4.2.5.8.9 Proposed Unsolicited Offerings**

The Contractor shall provide SLAs as defined in SLA Section 4.2.5 for each unsolicited offering determined by the CALNET 3 CMO not to be a feature of a service or a component of an unbundled service identified in the 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*

**4.2.5.8.10 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 4.2.5.8.

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