Enterprise Infrastructure Solutions (EIS)
Contract

Section B
Supplies or Services and Prices/Costs

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B.1 Pricing Overview

B.1.1 Overview

This section defines price tables and other pricing mechanisms for the services and features described in Section C. All prices shall conform to the format and structure defined herein. Additional price elements not included in the defined format and structure are not permitted, except as defined in separate TOs awarded under this contract. All prices and price elements defined under this contract or defined under TOs shall conform to the pricing requirements, specifications, element definitions, and numbering schemes defined in this contract.

Contract prices and price tables define the permitted charges and charging schemes. Pricing mechanisms defined for TOs must be derived from (i.e., logically flow from) contract price tables. Examples of such price mechanisms and elements associated with TO pricing may include, but are not limited to, the following:

1. Pricing mechanisms identical to those in the contract, except for additional pricing discounts or reductions negotiated under the TO competition.
2. Prices for multiple contract elements or TO elements combined under a single price element (e.g., single price for service plus Service Related Equipment (SRE), so-called “solutions,” or a special labor skill need).
3. Pricing for services, SRE, or labor, that vary from the contract in some significant aspect, such as higher performance levels, additional features, or a special security service labor requirement.
4. Individual Case Basis (ICB) pricing.
5. Task Order Unique CLINs (TUCs).

All prices agreed to at the contract award are established for all contract users (e.g., agencies/customers). Agencies and/or customers are expected to conduct one or more fair opportunity actions that will result in the award of TOs under this contract.

Where price elements awarded under a TO differ from contract pricing, the contractor shall associate the TO number with each CLIN and price element awarded that differs from contract pricing. For more information, see Section B.1.2.16.

The contractor shall not process orders nor will the government pay invoices until the contractor has submitted these prices into GSA Systems (see Section J.2.3). The contractor shall submit into GSA Systems a copy of the resulting TO for purposes of validating the orders, bills and invoices as defined in Section J.2. For a complete description of the ordering requirements, refer to Section G.3.

B.1.2 General Pricing Principles

Pricing for telecommunications and networking services historically has been complex, due in large part to regulatory requirements. Simpler pricing approaches are expected for the future. Such pricing simplification is already being seen in residential and commercial pricing trends for combined services such as voice and data. Services based on legacy copper wire and circuit switching will be retired in the next few years. Accordingly, price tables and elements defined in this section reflect a hybrid of complex legacy and simpler modern pricing mechanisms. As providers retire legacy infrastructure, agencies will modernize their networks and applications, reducing pricing, ordering, and billing complexities. EIS seeks to provide an orderly path to future pricing by accommodating current legacy services pricing while allowing for the evolution of future services pricing toward greater flexibility and simplicity. This approach is expected to result in fewer pricing elements and greater pricing transparency.

Critical to the EIS approach is allowing (but not requiring) the network engineered access topography to be decoupled from pricing. This is accomplished by allowing common access prices to be defined for services and service groupings regardless of location or access engineering, which allows for fewer pricing points and simpler price structures. Legacy services may continue to be priced as in the past. Access pricing is described in Section B.2.9.

B.1.2.1 Service Areas, Services and References

Service areas refer to collections of related telecommunications services, plus discrete areas to be priced such as labor and equipment. Services refer to the components of the service areas.

The following service areas are defined in Section C.2:

1. Data Service
2. Voice Service
3. Contact Center Service
4. Colocated Hosting Service
5. Cloud Service
6. Wireless Service
7. Commercial Satellite Communications Service
8. Managed Services
9. Access Arrangements
10. Service Related Equipment

11. Service Related Labor
12. Cable and Wiring

The National Security and Emergency Preparedness requirements are defined in Sections C.1.8.8 and G.11.

Table B.1.2.1.1 defines the structure for service areas and services. The table also defines which services are mandatory (to be included in the contractor's proposal), and which services are optional. Refer also to Section C.1.2 for a discussion of mandatory and optional services.

B.1.2.1.1 Pricing Identification Structure

Service Area	Service Name	Mandatory/ Optional (M/O)	Service ID	Service CLIN Prefix	Section C Reference	Section B Reference	CBSA Based Service*
Data Service	Virtual Private Network Service	M	VPNS	VN	C.2.1.1	B.2.1.1	Yes (One-sided)
	Ethernet Transport Service	M	ETS	EN	C.2.1.2	B.2.1.2	Yes (One-sided for E-LAN and Two-sided for E-LINE)
	Optical Wavelength Service	O	OWS	OW	C.2.1.3	B.2.1.3	Yes (Two-sided)
	Private Line Service	O	PLS	PL	C.2.1.4	B.2.1.4	Yes (Two-sided)
	Synchronized Optical Network Service	O	SONETS	SO	C.2.1.5	B.2.1.5	Yes (Two-sided)
	Dark Fiber Service	O	DFS	DK	C.2.1.6	B.2.1.6	Yes (Two-sided)
	Internet Protocol Service	O	IPS	IP	C.2.1.7	B.2.1.7	Yes (One-sided)
	Broadband Internet Service	O	BIS	BI	C.2.1.8	B.2.1.8	Yes (One-sided)
Voice Service	Internet Protocol Voice Service**	M	IPVS	VI	C.2.2.1	B.2.2.1	Yes (One-sided)
	Circuit Switched Voice Service**	M	CSVS	VS	C.2.2.2	B.2.2.2	Yes (One-sided)
	Toll Free Service	O	TFS	TF	C.2.2.3	B.2.2.3	Yes (One-sided)
	Circuit Switched Data Service	O	CSDS	CS	C.2.2.4	B.2.2.4	Yes (One-sided)
Contact Center	Contact Center Service	O	CCS	CC	C.2.3	B.2.3	No
Colocated Hosting Service	Colocated Hosting Service	O	CHS	CH	C.2.4	B.2.4	No
Cloud	Infrastructure as a Service	O	IaaS	IA	C.2.5.1	B.2.5	No
	Platform as a Service	O	PaaS	PA	C.2.5.2	B.2.5	No
	Software as a Service	O	SaaS	SS	C.2.5.3	B.2.5	No
	Content Delivery Network Service	O	CDNS	CD	C.2.5.4	B.2.5.3	No
Wireless	Wireless Service	O	MWS	WL	C.2.6	B.2.6	No
Commercial Satellite	Commercial Mobile Satellite Service	O	CMSS	CM	C.2.7	B.2.7.1	No

Service Area	Service Name	Mandatory/ Optional (M/O)	Service ID	Service CLIN Prefix	Section C Reference	Section B Reference	CBSA Based Service*
Communications Service	Commercial Fixed Satellite Service	O	CFSS	FS	C.2.7	B.2.7.2	No
Managed Services	Managed Network Service	M	MNS	MN	C.2.8.1	B.2.8.1	Yes (One-sided)
	Web Conferencing Service	O	WCS	WC	C.2.8.2	B.2.8.2	No
	Unified Communications Service	O	UCS	UC	C.2.8.3	B.2.8.3	Yes (One-sided)
	Managed Trusted Internet Protocol Service	O	MTIPS	MT	C.2.8.4	B.2.8.4	Yes (One-sided)
	Managed Security Service	O	MSS	MS	C.2.8.5	B.2.8.5	Yes (One-sided)
	Managed Mobility Service	O	MMS	MM	C.2.8.6	B.2.8.6	No
	Audio Conferencing Service	O	ACS	AC	C.2.8.7	B.2.8.7	No
	Video Teleconferencing Service	O	VTS	VC	C.2.8.8	B.2.8.8	No
	DHS Intrusion Prevention Security Service	O	IPSS	DI	C.2.8.9	B.2.8.9	No
	Software Defined – Wide Area Network	O	SDWANS	SD	C.2.8.10	B.2.8.10	No
Access Arrangements	Access Arrangements***	M	AA	AA	C.2.9	B.2.9	Yes (One-sided)
Service Related Equipment	Service Related Equipment	O	SRE	EQ	C.2.10	B.2.10	Yes (One-sided)
Service Related Labor	Service Related Labor	O	LABOR	LA	C.2.11	B.2.11	Yes (One-sided)
Cable and Wiring	Cable and Wiring	O	CW	CW	C.2.12	B.2.12	Yes (One-sided)
National Security and Emergency Preparedness**	National Security and Emergency Preparedness		NS/EP	NS	C.1.8.8 / G.11	B.3	No
General	General	O	GEN	GN		B.4.1.13, B.4.1.14	

* Services identified with a Yes (One-sided) may only be provisioned in awarded CBSAs; services identified with "Yes" (Two-sided) may only be provisioned between two awarded CBSAs. Services identified with "No" may be provisioned where priced (e.g., CONUS, OCONUS, non-domestic).

** The contractor shall propose prices for at least one of the two Voice services. If prices for both are provided, the contractor shall indicate by CBSA which one the government is to regard as the mandatory service.

*** Access arrangements are required where the contractor proposes service. Section J.1.3 provides the geographic requirements for access.

**** NS/EP is listed in this table and is not a service but rather a required set of mandatory CLINs. In the AcquServe portal, the contractor shall select National Security and Emergency Preparedness in the EIS Service Selection tool and shall price the required NS/EP CLINs from B.3.2.2.

B.1.2.1.1.1 CLINs and Features

Each permissible individual pricing element is identified by a Contract Line Item Number (CLIN)[1]. Each CLIN is a seven-character identifier, the first two characters of which identify the service, as shown in the Service CLIN Prefix column in Table B.1.2.1.1. The referenced subsections for each service contain further CLIN discussion and definitions.

Services, as defined in this contract for pricing purposes, may include "standard features" that do not have separate CLINs. Additional features may be separately identified, ordered, and priced. Such features are identified by a separate CLIN. Their prices may be zero (i.e., not separately priced (NSP)) or non-zero.

Features are addressed in the sections identified for each service in Table B.1.2.1.1.

B.1.2.2 Service Pricing Elements and Conditions

All services will have either defined fixed prices or ICB price elements, except where previously unanticipated pricing types are needed, such as the following:

- A bandwidth that is not listed on the contract, but logically should be added and defined on the contract as a fixed price item. For example, if CLINs for 10 Mbps, 20 Mbps, and 40 Mbps are defined, but the agency requires a 30 Mbps CLIN, then this 30 Mbps CLIN shall be added to the contract with a fixed price prior to the TO.
- A bandwidth that is not listed on the contract, but logically should be added and defined on the contract with an ICB CLIN. For example, if CLINs for OC12 and OC192 access are defined, but the agency requires an OC48 access CLIN, then it shall be added to the contract prior to the TO.
- A new item that does not fall into any of the fixed or ICB CLINs for that service. In this instance, the agency and the contractor shall use the TUCs defined for the specific service. A new CLIN is not required for the contract. See Sections B.1.2.12 and B.1.2.15 for further information.

Any equipment, material, facility, labor, site preparation, training, or other service required in the performance of this contract for which a price is not specifically identified in the contract will be considered to be included in the price of another item or provided

[1] Additional information may be required to determine a price; for example, location information is required to determine access prices (see Section B.2.9).

at no cost to the government, except as otherwise provided for in this contract or the applicable TO. The contractor may waive any charge at any time. No charges are permitted for interconnection with a government provided circuit at a contractor's POP. Prices for any associated SRE shall be provided in accordance with Section B.2.10.

The following conditions also apply to prices and price structures:

- Prices shall be specified and billed in United States (U.S.) currency.
- Prices populated in Section B price tables shall have a maximum of two (2) decimal places, except for prices associated with CLINs that are priced using charging units of a particularly small measure (e.g., per minute, per six-second or per second), which shall have a maximum of six (6) decimal places. The maximum number of decimal places for each charging unit is defined in the price precision column of the "unit" reference table. In addition, at least six (6) decimal places shall be carried in all calculations up to final rounding. See Section J.2.5.1.6 for a discussion of rounding.
- All mandatory CLINs for mandatory services shall be offered by the contractor, including Individual Case Basis (ICB) items that will be instantiated as CLINs when priced. These mandatory ICB CLINs are not part of the contract as orderable CLINs until priced and added to the TO. Until then, these ICB CLINs represent place-holders for specific priced CLINs so that the service being proposed may be defined and associated with a unique identifier. ICB elements require additional information to fully specify the prices involved. This information shall be provided by the contractor in the format provided in GSA Systems. In this system, the contractor shall provide the anticipated CLIN, ICB Case Number, Case Description, Charging Unit, and, where applicable, the Network Site Code and Country Jurisdiction ID, in Table B.1.2.14.1. The Case Description shall contain sufficient information to distinguish one case from another of the same CLIN. Customers will use this description to assist in their evaluations.
- The ICB CLIN, Case Number, Description, Charging Unit, and Price are instantiated in the TO. The Case Number shall be unique for each CLIN and Case.
- In the course of administering the contract, GSA can make the determination that delivery of a mandatory service defined by a mandatory CLIN to a specific non-domestic or OCONUS location, could present an unreasonable burden to all contractors. In order for GSA to make this determination, one or more contractors must provide written proof, e.g., a letter from the LEC or CLEC that it does not support the specific service in the specific location, to the GSA CO. The letter must cite the specific service, CLIN and location where the service is not offered

or supported by the local provider. The GSA CO will review the information provided and make a determination if the EIS contractors will be granted an exception for complying with the specific requirement. If the GSA CO determines that an exception can be granted, GSA will list the CLIN and pertinent location parameter(s) (e.g., country/jurisdiction ID, NSC) in the mandatory_clin_exceptions table created and maintained in GSA Systems. That mandatory CLIN will then be regarded as optional for a contractor to price when proposing the service in the excepted location. Any contractor already awarded the CLIN in the excepted location will be permitted to remove the corresponding unit price(s) from its contract immediately. The contractor will also be permitted to decline new orders for the excepted CLIN/location.

If at a future date the excepted mandatory CLIN becomes available at an excepted location, GSA has the right to remove the exception from the table and the contractor will be required to provide the service. If the contractor had removed the excepted price from the contract based on the exception being granted, the contractor will be required to add it back onto the contract via modification at the price originally awarded by the Government. If the contractor did not originally propose a price(s) for the excepted mandatory CLIN, it will be required to propose a price(s) that is acceptable to the Government prior to providing the service. If the exception is removed during the same period that it was originally added to the table, i.e., base, option period 1, option period 2, then the same price will be used. If the exception is removed during a different period that it was originally added to the table, then a new price will be negotiated with the vendor.

- Where service is distinguished between routine and critical, it is assumed that the fixed prices proposed are for routine service. Pricing for critical service levels will be obtained as specified in the TO. The critical service obtained in the TO will include one or more of the following:
    - Existing diversity CLINs
    - ICB CLINs
    - TUCs
- If a contractor proposes optional services, it shall offer the mandatory CLINs associated with those services.
- If a contractor proposes an NSP CLIN, the contractor shall populate the price table with a price of $0 for that CLIN.

- Prices shall be fixed for all services, features, and labor for each applicable fiscal year within the contract period.
- All prices proposed shall exclude the Associated Government Fee (AGF).

B.1.2.3 Effective Pricing Dates

The contractor shall maintain all price tables for the full contract period. All prices shall be binding at the time of the effective date of the contract. For prices that are effective later than contract award, the contractor shall define the day, month, and year in which the prices are to become effective. The contract shall be for a base period of 60 months, with two (2) option periods of 60 months each. Prices shall be specified for the base period. Pricing shall change only on the first day of the U.S. Government fiscal year, except as provided below.

All prices on a row of a price table shall carry a start date, which is when the prices on that row become effective and the service becomes available. These prices shall remain in effect through their listed price stop date or until the prices are changed by modification[2]. When prices are revised by modification, the newly inserted rows shall include the start date(s) when the prices become effective. If a service is ordered for delivery on or after the price start date (but before the stop date) shown on the price table row, the contractor shall provide the service at the accepted price, subject to the conditions identified in Section J.1.

Thereafter, the billed price shall be obtained from the price table row within which the billing date is contained. The only exception to this rule is the SRE MRC, for which the billed price for the duration of the SRE MRC payment term is fixed at the time of the order. The same rules regarding price table row start dates and stop dates shall apply to the start dates and stop dates for all price tables (e.g., cross-reference tables, Point of Presence (POP) identification tables, and POP relationship tables). See Section B.4 for additional information. See Section J.4 for information on the modification process.

Upon award of the contract within a Government fiscal year, the prices for contract pricing year 1 shall be effective from the award date through September 30 of that Government fiscal year. The prices for contract years 2 through 5 will remain on a Government fiscal year basis. The prices for contract pricing year 6 shall be effective from October 1 of the last fiscal year of the 60 month base period through the last day of the 60 month base period.

[2] Modifications can take the form of contract modifications, TO-specific submissions, or catalog submissions.

Upon contract award, the government will update each contractor's price tables to change the first start date to the award date, and the last stop date to the corresponding last day of the 60 month base period.

B.1.2.4 Price Banding Structures

Some tables permit prices to be defined by bands (e.g., by distance or bandwidth). Each band is defined by a "Band Low" and a "Band High". Where the contractor is permitted to define bands, the bands shall be contiguous with no overlapping bands or gaps between bands.

To ensure that bands are contiguous, each "Band High" shall be identical to the "Band Low" of the subsequent band. Using this convention, each band shall include the entire interval from "Band Low" up to, but not including, "Band High" except for the last band in a given table, where the "Band High" shall be included.

Each banded price table shall include a row where Band Low = 0.

Price banding can be used for fixed price and variable price components applied separately or in combination in a given price table:

- With fixed price banding, the banded value serves as an index into the price table to select the correct row, and then the value in the fixed price column of that row is used as the CLIN price.
- With variable price banding, the banded value serves as an index into the price table to select the correct row, and then the value in the variable price column of that row is multiplied by the banded value to arrive at the CLIN price.

MRC CLIN	Case Number	Task Order Number	Band Low	Band High	Fixed Price	Variable Price	Price Start Date	Price Stop Date
XX00001			0	10	$350	$85	10/1/2016	9/30/2021
XX00001			10	200	$300	$80	10/1/2016	9/30/2021
XX00001			200	1000	$200	$50	10/1/2016	9/30/2021

In the example above, the fixed and variable price components are used in combination to calculate the MRC.

Assuming the quantity of CLIN XX00001 for the month is 10, then the price calculation for that CLIN is the fixed component for that band – $300 in this case, plus the variable component – in this case $80 per unit of the CLIN, or $800 for the month. The total price is $300 + $800 = $1,100.

Alternatively, if the quantity of CLIN XX00001 for the month is 250, then the price for that CLIN is $200 fixed, plus $50 per unit of the CLIN, or $12,500. The total price for this item is $200 + $12,500 = $12,700 for the month.

If the Variable Price column had not been included in the table above, then the MRCs would be $300 and $200, respectively. If the Fixed Price column had not been included in the table above, the MRCs would be $800 and $12,500, respectively.

B.1.2.5 Pricing Domestic and Non-Domestic Locations

Prices for telecommunications services as defined in Table B.1.2.1.1 shall provide geographic coverage for domestic and non-domestic locations, as specified in Section J.1. Domestic wireline locations are further divided into CONUS and OCONUS as defined in Section J.12. Prices for wireline access for service at non-domestic locations, except as otherwise included in transport pricing, shall be provided in fixed price tables. Domestic wireless locations are defined in Section B.2.6.

No pass-through pricing shall be allowed for any service. Pass-through charges are defined as the actual cost of the service without markup, overhead, or profit.

Non-domestic calls are classified as:

- Outbound – calls made from a domestic service delivery point (SDP) to a non-domestic location
- Inbound – calls made from a non-domestic location to a domestic location
- Non-domestic-to-non-domestic – calls made from one non-domestic location to another non-domestic location

All non-ICB CLINs listed in price tables that do not have Country/Jurisdiction ID or Pricing Hub (PHub) ID columns shall apply to all locations, and shall be offered at the stated fixed price where offered commercially by the contractor. See Section J.1 for non-domestic coverage requirements.

B.1.2.6 Price Factors and CLINs

The fixed prices for services may depend on a number of factors, including but not limited to:

1. Geographic location
2. Access type
3. Types of data service port requirements as defined in the individual service sections in Section C
4. Types of services and features provided

5. Distance[3]

The total basic service price for a connection will consist of various CLINs, with the number and types of CLINs being dependent on the mix of conditions associated with the service. Basic service prices will vary by service type and are described in more detail in the individual service pricing sections. Prices for services may include, but are not necessarily limited to, the following components:

1. Non-Recurring Charges (NRC) for access and priced features (see B.2.9 for access pricing)
2. Monthly Recurring Charges (MRC) for flat rate charges, cloud services, access, transport, and priced features
3. SRE charges
4. Service Related Labor charges
5. Usage-based charges for access, transport, cloud services, and priced features
6. ICB charges for customized or unique requirements. ICB prices are determined as needed and specified in TOs (see Section B.1.2.14).

Domestic access prices and domestic transport prices shall be unbundled except as otherwise provided (e.g., VPNS CLINs that bundle access with the transport, or CLIN bundling per Section B.1.2.12).

B.1.2.7 Use of Geographic Coordinates and POPs

For domestic locations, all distance[4] measurements shall be calculated using Vertical and Horizontal (V&H) coordinates. The V&H coordinates of POPs shall be provided and maintained by the contractor. In tables and other documents prepared for the government, distances shall be reported in miles.

Price tables for transport (i.e., POP-to-POP transmission) for services are defined in the individual service subsections in Section B.2. Transport prices are for the transmission of information, including voice, data, video, and/or multimedia, across the network.

Domestic transport distance is measured between the POPs that are designated for the on-net or off-net locations. The price for transport between a domestic location and a non-domestic location or between a non-domestic location and another non-domestic location is computed on a country/jurisdiction-to-country/jurisdiction basis (except as

[3] Where distance-sensitive pricing is provided in the form of distance bands, these distance bands shall be contiguous.
[4] The distance between two locations shall be calculated in miles as:
Distance (miles) = ROUNDUP(SQRT(((V1-V2)^2+(H1-H2)^2)/10),0)
Where (V1, H1) and (V2, H2) are the V and H coordinates of the locations, respectively.

otherwise provided for), with the locations in the domestic definition divided into separately identified regional groupings (each with its own Country/Jurisdiction ID for transport pricing purposes). See Table B.4.2.1.

The formats for domestic POPs and non-domestic POP locations are listed in Section B.4.1. Table B.4.1.5 identifies bandwidth groups available at each PCL and maps PCLs to POPs. No PCL shall map to more than one POP for any assigned bandwidth group. For each service provided at a POP in Table B.4.1.1, all bandwidth groups identified for that service shall be available at any PCL mapped to that POP for those bandwidth groups. Each POP shall provide all bandwidth groups from all PCLs mapped to that POP. POPs may be added or deleted at any time during the term of the contract; however, no increase in access arrangement pricing shall be permitted. The contractor shall give a minimum of six months' notice of such a change, except in the case of emergency conditions.

B.1.2.8 Waiver of Charges

The contractor may waive the application of any charges at any time during the contract period, including during transition to EIS.

B.1.2.9 Pricing Volume

The contractor's Pricing Volume shall be incorporated at award. The contractor shall provide updates throughout the life of the contract as needed to assure a clear, unambiguous understanding of pricing methods. Any significant change to the pricing methodology should be reflected. Examples include, but are not limited to:

- The introduction of new services
- Allowable changes to pricing methodologies
- End of Life services

If the contractor fails to clearly define a pricing method for any service, then the government's interpretation shall apply. Refer to Section F for other deliverable requirements.

B.1.2.10 Usage Based Charges

The contractor shall round up usage based charges if the billable measurement exceeds the unit. For example, for usage billing in six-second increments, a seven-second call will round up usage to 12 seconds. For usage billing in one-minute increments, a 61 second call will be rounded up to two minutes for billing purposes.

B.1.2.11 Auto-Sold CLINs

Some services include other CLINs that the contractor automatically includes with those services. For example, conferencing customers may request any of the features associated with a contractor's specific conferencing services.

The contractor shall not auto-sell SRE.

A comprehensive list of auto-sold CLINs (which may include catalog items) shall be incorporated into Table B.1.2.11.1. As new capabilities and features are added to the contract for the services that have auto-sold CLINs (such as Audio, Web and Video Conferencing), contractors shall update Table B.1.2.11.1. Contractors shall populate Table B.1.2.11.1 with, at a minimum, the CLIN-to-Auto-sold CLIN relationships listed in reference table B.1.2.11.2 for:

- VPNS and ETS
- IPS, if the optional service IPS is offered

B.1.2.11.1 Auto-Sold CLINs Table

CLIN*	CLIN Case Number**	Auto-Sold CLIN***	Auto-Sold CLIN Case Number**	Task Order Number****	Start Date	Stop Date

* All CLINs within Section B that have auto-sold CLINs
** If the CLIN or Auto-Sold CLIN is not ICB, populate the corresponding case number column with -1
*** CLINs which are auto-sold with the base CLIN
**** A row where the Task Order Number = -1 shall apply to all task orders. A row where the Task Order Number column is populated with a specific agency task order shall, for that task order only, disable the auto-sold relationship defined by that row.

B.1.2.11.2 Auto-Sold Mandatory Relationships Reference Table

Service ID	CLIN	Auto-Sold CLIN
VPNS	VN30001	VN30009
VPNS	VN30002	VN30009
VPNS	VN30003	VN30009
VPNS	VN30004	VN30009
VPNS	VN30005	VN30009
VPNS	VN30010	VN31020
VPNS	VN30011	VN31030
VPNS	VN30012	VN31040
VPNS	VN30013	VN31050
VPNS	VN30021	VN31200
VPNS	VN30022	VN31300
VPNS	VN30023	VN31400
VPNS	VN30024	VN31500
VPNS	VN30025	VN31600
ETS	EN30010	EN31020
ETS	EN30011	EN31030
ETS	EN30012	EN31040
ETS	EN30013	EN31050
ETS	EN30014	EN31200
ETS	EN30015	EN31300
ETS	EN30016	EN31400
ETS	EN30017	EN31500
ETS	EN30018	EN31600

Service ID	CLIN	Auto-Sold CLIN
IPS	IP30001	IP30008
IPS	IP30002	IP30008
IPS	IP30003	IP30008
IPS	IP30004	IP30008
IPS	IP30005	IP30008
IPS	IP30010	IP40020
IPS	IP30011	IP40030
IPS	IP30012	IP40040
IPS	IP30013	IP40050
IPS	IP30021	IP40200
IPS	IP30022	IP40300
IPS	IP30023	IP40400
IPS	IP30024	IP40500
IPS	IP30025	IP40600

B.1.2.12 CLIN Bundling

Agencies may desire to combine multiple contract CLINs and/or ICB CLINs into a single TUC. For example, an agency may wish to bundle a VPNS Port CLIN, MNS CLIN, and SRE into one combined CLIN. In these instances, the contractor shall provide items that have been combined for a specific TO in Table B.1.2.12.1 or Table B.1.2.12.2, to facilitate the collection of the components necessary for an accurate inventory. A TUC defined in Table B.1.2.12.1 or Table B.1.2.12.2 shall be priced using the TUC price table of the transport service that is used in that TUC and shall not be priced using General TUC Prices Table B.4.1.14.1. If no transport service is included in the TUC, then the TUC shall be priced using the TUC price table of the predominant service for which the TUC is defined.

B.1.2.12.1 TUC Combined CLIN Component Table

CLIN*	Case Number	Task Order Number	Component CLIN**	Component CLIN Case Number***	Component Access PHub ID****	Component SRE Pricing Element***	Component CLIN Quantity	Start Date	Stop Date

* From the appropriate TUCs of the basic transport service for the combined CLIN set (e.g., VPNS)
** Component CLINs associated with the combined TUC. A separate row shall be used for each component CLIN
*** Where applicable, otherwise "-1"
**** Where applicable, otherwise null

Table B.1.2.12.1 shall be used when the combined TUC is defined for a single location. A combined TUC defined in Table B.1.2.12.1 shall not contain multiple component CLINs for transport (e.g., combining 50 Mbps VPNS with 100 Mbps VPNS), or multiple component CLINs for Access Arrangements. All component CLINs bundled into a single TUC must use the same billing frequency.

B.1.2.12.2 TUC Regional CLIN Component Table

CLIN*	Case Number	Task Order Number	Region **	NSC	Country/ Jurisdiction ID	PHub ID***	Component CLIN	Component CLIN Case Number****	Component SRE Pricing Element****	Component CLIN Quantity	Start Date	Stop Date

* From the appropriate TUCs of the basic transport service for the combined CLIN set (e.g., VPNS)
** An agency-defined label used to group locations together to share common pricing
*** Used for pricing domestic fixed-price Access Arrangements, otherwise null
**** Where applicable, otherwise "-1"

Table B.1.2.12.2 shall be used when the TUC is defined for a region rather than a single location. Its use shall be limited to situations where multiple NSCs and/or country/jurisdictions are grouped together into an agency-defined region that uses the same flat-rate pricing for all locations mapped to the region in the agency TO. Due to this regional pricing strategy, the sum of the component CLINs specified in Table B.1.2.12.2 is not expected to correlate with the price of the TUC case being defined, nor are the component CLINs required to be shown on the billing invoice.In Table B.1.2.12.2, the component CLIN billing frequency is permitted to differ from the billing frequency of the TUC being defined. For each CLIN+Case Number+Task Order Number+Region+NSC, one row shall be added for each component CLIN that contributes to the combined services provided at that NSC.

Table B.1.2.12.2 shall be used for informational purposes only to track the associated sites and CLINs comprising the regional TUC for active orders and is not subject to the CLIN bundling requirements of Section J.2.10.1.1.2.2, item 3.

For TUC cases defined in Table B.1.2.12.2, the NSC and country/jurisdiction columns of Table B.1.2.14.1 shall be populated with "-1" so that B.1.2.14.1 only records the case description and charging unit ID.

B.1.2.13 Adding CLINs Post-Award

Contractors may submit proposals for contract modifications post-award (see Section J.4) and define new CLINs using Table B.1.2.13.1, which includes:

- **Name** – the description of the specific service provided under the CLIN
- **Frequency** – the billing frequency – "NRC", "MRC" or "Usage"
- **ICB** – "T" if the CLIN is priced on an individual case basis, "F" otherwise
- **NSP** – "T" if the CLIN is not separately priced, "F" otherwise
- **Unit ID** – the charging unit ID from the "unit" reference table
- **Notes** – contains any additional information that might be useful to understand the service defined by the CLIN

B.1.2.13.1 CLIN Table

CLIN	Name	Frequency	ICB	NSP	Unit ID	Notes

B.1.2.14 Defining New ICB Cases

Contractors shall define new ICB cases for which they submit pricing (see Section J.4). Contractors shall use Table B.1.2.14.1 to define ICB cases for TOs that use an ICB CLIN. Contractors shall ensure that NSCs and Country/Jurisdiction IDs in Table B.1.2.14.1 are the same as the values in the corresponding columns of the price table(s) used to price the CLIN and case number. Contractors shall populate the Terminating NSC and Terminating Country/Jurisdiction ID columns of Table B.1.2.14.1 with null values for cases where those location elements are not relevant.

B.1.2.14.1 General ICB Information Table

CLIN	Case Number	Case Description*	Task Order Number	Unit ID	Originating NSC**	Terminating NSC***	Originating Country/ Jurisdiction ID**	Terminating Country/ Jurisdiction ID****	Start Date	Stop Date

* For catalogs, this column is not used and shall be populated with "N/A" – the catalog description column takes precedence

** Where applicable, otherwise "-1"

*** Used only when the price table specifically identifies the NSC as a Terminating NSC

**** Used only when the price table specifically identifies the Country/Jurisdiction ID as a Terminating Country/Jurisdiction ID

In CLIN Table B.1.2.13.1, the Unit ID for an ICB CLIN shall function as a placeholder or recommended charging unit until a specific ICB case is defined using General ICB Information Table B.1.2.14.1. If no recommended charging unit is readily apparent for the ICB CLIN, the contractor shall populate the Unit ID column of CLIN Table B.1.2.13.1 with "73" to designate the charging unit as ICB. When a specific case is defined using General ICB Information Table B.1.2.14.1, the Unit ID in Table B.1.2.14.1 shall determine the charging unit used to calculate the price for that case and shall be chosen to specify as precisely as possible the unit of measure for the corresponding price. Unit ID 73 shall not be used in Table B.1.2.14.1.

B.1.2.15 Task Order Unique CLINs

As stated in Section B.1.2.2, TUCs are to be used for custom solutions not otherwise defined and priced on the contract. They allow pricing and ordering of such solutions without requiring a contract modification. Only the TUCs that are predefined for each service shall be used by agencies for ordering. Three types of TUCs are typically defined per service: MRC, NRC, and usage-based. All TUCs are priced as ICB CLINs.

When agencies and contractors define the technical and performance requirements for a custom solution, they shall include ICB descriptions for any associated TUCs. Multiple TUCs may be specified on a TO.

TUCs are also used for CLIN bundling as described in Section B.1.2.12.

B.1.2.16 Task Order Number Columns

Contractors shall populate the Task Order Number column of price tables with one of the following options:

- The value "-1" for contract pricing[5]
- The specific agency TO number for TO-specific pricing

B.1.2.17 Table Types

Section B uses four types of tables to support service pricing. Two of the table types are maintained by the contractor and the other two are maintained by the government.

[5] In SRE Catalog Prices Table B.2.10.3.2, the value "-1" in the Task Order Number column indicates a catalog price that is valid for all task orders.

B.1.2.17.1 Contractor-Maintained Tables

Price Tables contain prices by CLIN, TO number, date, and, where applicable, other pricing elements such as case number, location and price bands. Each price table specifies the pricing elements required for the particular service.

Supporting Tables do not contain prices but they contain other information that is required to price services. Examples include General ICB Information Table B.1.2.14.1, TUC Combined CLIN Component Table B.1.2.12.1, Auto-Sold CLINs Table B.1.2.11.1, and Services Offered by Point of Presence Table B.4.1.4.

B.1.2.17.2 Government-Maintained Tables

Instruction Tables accompany the price tables throughout Section B and define the CLIN structures and charging mechanisms for the CLINs. In these tables, each CLIN is given a description of the service it provides and is assigned a billing frequency and a charging unit. The Notes column indicates if the CLIN is ICB, NSP or optional. CLINs are mandatory unless identified as optional in the Notes column. When multiple CLINs occupy the same row of an instruction table (e.g., NRC and MRC CLINs, or NRC, MRC and Usage CLINs):

- If a single charging unit is listed, it applies to all CLINs in that row.
- If the CLINs in that row do not share a common charging unit, the charging units will be listed separately and separated by semicolons.
- The information in the Notes column applies to all CLINs in that row unless stated otherwise.

Reference Tables contain information that is the same for all contractors. The government will maintain each reference table for contractors to access via GSA Systems. Examples include Country/Jurisdiction Identifications Table B.4.2.1 and Network Site Codes Table B.4.1.8.

B.1.3 Catalog Pricing Requirements - General

For certain EIS services, contractors must develop and maintain catalog-style offerings as part of the pricing requirements. Following are the services for which catalog requirements exist, along with the section references where they are found:

- Cloud Service – Section B.2.5
- Wireless Service – Section B.2.6
- Commercial Mobile Satellite Service – Section B.2.7.1
- Managed Security Service – Section B.2.8.5
- Service Related Equipment – Section B.2.10

For each service that requires a catalog pricing approach as part of the overall service pricing, the contractor shall develop and maintain an online catalog that meets the general requirements specified in this section, and also the service-specific requirements found in the section associated with the service.

B.1.3.1 Requirements for Catalog Pricing Information

Prices for catalog items shall be based on a discount from the Official List Price (OLP). OLP is a common term defined under EIS to include a variety of possible list price types or trade names. For example, if the catalog item is equipment not manufactured by the contractor, the OLP could be called, “Original Equipment Manufacturer’s Published List Price.” When the catalog item is a service provided by the contractor, the OLP could be called the contractor’s “Published List Price” for the service. Many other trade names may exist to identify the price to be associated with the OLP for a particular catalog item. The contractor shall provide the OLP trade name(s) that are associated with its catalog item OLPs for each catalog offering. Other specific pricing requirements, discount strategies and catalog elements unique to the catalog items are further defined in the service sections.

All pricing catalogs provided by the contractor shall contain, at a minimum, the data elements defined in the appropriate catalog pricing section and in Section B.1.2.14.

The contractor may organize its catalogs as it sees fit, subject to the following requirements:

- Catalog content and pricing shall be accessible by authorized users at any time (i.e., 24x7x365).
- Catalog content shall be organized logically, with features that enable common online browsing functions such as search and comparison.
- The online catalog shall meet the Section 508 requirements in Section C.4.
- The appropriate item identification shall be provided in the catalog to identify the catalog items being ordered (see individual sections for specific requirements).
- Contract prices and price-related information shall be provided to users who access the catalog (TO-specific prices need not be included).
- The contractor shall supply sufficient information to allow the government to verify the OLP and the accuracy of the item description in terms of capabilities and limitations, or other distinguishing characteristics, such as color, or other cosmetic features that could affect the price.
- All prices in catalogs shall be provided in U.S. dollars.

- Contract discounts offered shall not vary by geographic location. Additional discounts may be offered on TOs.
- Each catalog item shall belong to only a single discount class.
- Percentage discounts in class discount tables shall be specified as decimal values between 0 and 1, inclusive.
- The contractor shall keep catalog information up to date including, but not limited to, the OLP.
- If the OLP for a particular catalog item is not available, the price charged shall be agreed upon between the government and the ordering agency at the time of TO award. The contractor shall populate the OLP column with the agreed-upon price, populate the No List Price column with “T”, and specify a discount class that has a discount of zero.
- Price elements other than OLP shall be provided as appropriate and available.
- Additional information may be provided by the contractor in its catalog at its option.

B.1.3.2 Catalog Operational Rules

The following operational conditions, or rules, shall apply to the contractor’s catalog for the term of the contract:

- The contractor shall be solely responsible for developing and maintaining its online catalog in accordance with the provisions of this contract.
- The catalog shall be accessible via the Internet under the access controls provided by the contractor.
- Authorized personnel shall be allowed access to the catalog at the direction of either the government or the contractor.
- For catalog-based services and equipment, only items listed in the contractor’s current catalog may be ordered.
- The catalog as provided at any given point in time during the term of the contract shall constitute the contractor’s official source of contract prices for items in the catalog.
- The contractor may change its catalog at any time at its option as follows:
    - An item shall be added by providing at least the minimum data elements required for that item as defined in each service section.

- Discount classes for items shall only be added, removed, or changed via contract modification, except that TO-specific discount increases are permitted for any discount class at any time using the TO submission process (see Section J.4.1 for details).
- Items and their associated data elements may be changed at any time, except for end-of-life items. Catalog item prices shall not be increased unless the increased price results from an increase in the OLP. Discounts shall not be decreased for items with a discount structure.
- The contractor shall ensure that the OLP is current and shall only change the value in the OLP column for that purpose.
- Where appropriate, items may be removed by being designated as end-of-life; users shall have the option of masking or viewing end-of-life items when viewing the catalog.
- End-of-life items shall not be changed once designated as end-of-life.
- All changes to the catalog shall be conveyed to the government as defined in Section J.4.2.

B.1.4 Termination of Support

If the contractor desires to discontinue support for an item (for example, an item that will no longer be supported by the manufacturer), the contractor shall notify the GSA CO and any affected agencies at least 18 months before support is stopped (see Section B.2.10.7 for an exception for mobile devices). As appropriate, at time of notification, the contractor shall also recommend a solution acceptable to the government that ensures service continuity. The contractor shall continue to provide support for the existing item at the established price until a solution acceptable to the government is implemented by the contractor. Following notification of the GSA CO and affected agencies, the contractor shall no longer accept orders for the item.

B.2 Pricing Tables

B.2.1 Data Service

B.2.1.1 Virtual Private Network Service

The technical requirements for Virtual Private Network Service (VPNS) are defined in Section C.2.1.1.

B.2.1.1.1 VPNS Price Structure

The price structure for VPNS includes the following elements:

1. Transport Charges
2. (Optional) Transport with Embedded Access Charges

3. Feature Charges

The pricing associated with a VPNS is dependent upon a number of factors, including the number of sites, bandwidth requirements, additional security services, and the type of access. Network design and engineering services can be provided using Service Related Labor CLINs as provided in Section B.2.11. SRE pricing for the user-to-network interfaces shall be provided in accordance with Section B.2.10.

B.2.1.1.2 VPNS Access

Pricing for access arrangements is described in Section B.2.9. Access includes wireline, Ethernet, wireless, and satellite. Remote VPNS access (e.g., DSL, Cable) shall be ordered via a TUC.

As an option, specific shared Ethernet and Satellite access speeds may be acquired as embedded with the port for a combined price.

For embedded access, the speed of the access component shall equal or exceed the speed of the port with which it is embedded.

Table B.2.1.1.3.3 provides the pricing instructions for embedded access.

B.2.1.1.3 VPNS Transport

All configurations of Quality of Service (QoS) are defined in Section C.2.1.1.1.4. Capabilities #7, #8, and #9 shall be included in the port price (i.e., NSP). Since QoS is also ICB, a case number shall be assigned for each port purchase and a description shall be provided of how the port will be configured.

All network security services are defined in Section C.2.1.1.1.4. Capabilities #2, #3, and #4 shall be included in the port price (i.e., NSP).

Table B.2.1.1.3.1 provides the format for pricing VPNS ports, ports with embedded access, and QoS. Tables B.2.1.1.3.2, B.2.1.1.3.3 and B.2.1.1.3.4 provide the pricing instructions.

B.2.1.1.3.1 VPNS Port Prices Table

CLIN	Case Number*	Task Order Number	Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Case Number applies to ICB CLINs only

** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.1.1.3.2 VPNS Port Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
VN00001	MRC	T1	Port	
VN00002	MRC	T3	Port	
VN00003	MRC	Ethernet – 1 Mbps	Port	
VN00004	MRC	Ethernet – 3 Mbps	Port	
VN00005	MRC	Ethernet – 6 Mbps	Port	
VN00006	MRC	Ethernet – 10 Mbps	Port	
VN00007	MRC	Ethernet – 20 Mbps	Port	
VN00008	MRC	Ethernet – 30 Mbps	Port	
VN00009	MRC	Ethernet – 40 Mbps	Port	
VN00010	MRC	Ethernet – 50 Mbps	Port	
VN00011	MRC	Ethernet – 60 Mbps	Port	
VN00012	MRC	Ethernet – 70 Mbps	Port	
VN00013	MRC	Ethernet – 80 Mbps	Port	
VN00014	MRC	Ethernet – 90 Mbps	Port	
VN00015	MRC	Ethernet – 100 Mbps	Port	
VN00016	MRC	Ethernet – 200 Mbps	Port	
VN00017	MRC	Ethernet – 300 Mbps	Port	
VN00018	MRC	Ethernet – 400 Mbps	Port	
VN00019	MRC	Ethernet – 500 Mbps	Port	
VN00020	MRC	Ethernet – 600 Mbps	Port	

CLIN	Frequency	Description	Charging Unit	Notes
VN00021	MRC	Ethernet – 700 Mbps	Port	
VN00022	MRC	Ethernet – 800 Mbps	Port	
VN00023	MRC	Ethernet – 900 Mbps	Port	
VN00024	MRC	Ethernet – 1 Gbps	Port	
VN00025	MRC	Ethernet – 2 Gbps	Port	
VN00026	MRC	Ethernet – 3 Gbps	Port	
VN00027	MRC	Ethernet – 10 Gbps	Port	
VN50002	MRC	Ethernet – 20 Gbps	Port	Optional
VN50003	MRC	Ethernet – 30 Gbps	Port	Optional
VN50004	MRC	Ethernet – 40 Gbps	Port	Optional
VN50005	MRC	Ethernet – 50 Gbps	Port	Optional
VN50006	MRC	Ethernet – 60 Gbps	Port	Optional
VN50007	MRC	Ethernet – 70 Gbps	Port	Optional
VN50008	MRC	Ethernet – 80 Gbps	Port	Optional
VN50009	MRC	Ethernet – 90 Gbps	Port	Optional
VN50010	MRC	Ethernet – 100 Gbps	Port	Optional
VN50020	MRC	Ethernet – 200 Gbps	Port	Optional
VN50040	MRC	Ethernet – 400 Gbps	Port	Optional
VN50080	MRC	Ethernet – 800 Gbps	Port	Optional
VN50100	MRC	Ethernet – 1 Tbps	Port	Optional
VN00028	MRC	OC-3c	Port	

CLIN	Frequency	Description	Charging Unit	Notes
VN00029	MRC	OC-12c	Port	
VN00030	MRC	OC-48c	Port	
VN00031	MRC	OC-192c	Port	
VN00032	MRC	OC-768c	Port	Optional
VN00033	MRC	E1	Port	Optional. Non-domestic only
VN00034	MRC	E3	Port	Optional. Non-domestic only
VN00035	MRC	ISDN, 64 Kbps	Port	Optional
VN00036	MRC	ISDN, 128 Kbps	Port	Optional
VN00037	MRC	ISDN, 64 Kbps, backup	Port	Optional
VN00038	MRC	ISDN, 128 Kbps, backup	Port	Optional
VN20001	MRC	Ethernet – 3 Mbps committed, scalable to 10 Mbps	Port	Optional
VN20002	MRC	Ethernet – 6 Mbps committed, scalable to 10 Mbps	Port	Optional
VN20003	MRC	Ethernet – 20 Mbps committed, scalable to 100 Mbps	Port	Optional
VN20004	MRC	Ethernet – 30 Mbps committed, scalable to 100 Mbps	Port	Optional
VN20005	MRC	Ethernet – 50 Mbps committed, scalable to 100 Mbps	Port	Optional
VN20006	MRC	Ethernet – 200 Mbps committed, scalable to 1 Gbps	Port	Optional
VN20007	MRC	Ethernet – 300 Mbps committed, scalable to 1 Gbps	Port	Optional
VN20008	MRC	Ethernet – 2 Gbps committed, scalable to 10 Gbps	Port	Optional
VN20009	MRC	Ethernet – 3 Gbps committed, scalable to 10 Gbps	Port	Optional

CLIN	Frequency	Description	Charging Unit	Notes
VN21001	Usage	Ethernet Bandwidth-on-Demand temporary bandwidth increase of 1 Mbps per day; 1 Mbps ≤ committed bandwidth < 10 Mbps	Mbps per day	Optional. Requires scalable Ethernet port
VN21002	Usage	Ethernet Bandwidth-on-Demand temporary bandwidth increase of 10 Mbps per day; 10 Mbps ≤ committed bandwidth < 100 Mbps	10 Mbps per day	Optional. Requires scalable Ethernet port
VN21003	Usage	Ethernet Bandwidth-on-Demand temporary bandwidth increase of 100 Mbps per day; 100 Mbps ≤ committed bandwidth < 1 Gbps	100 Mbps per day	Optional. Requires scalable Ethernet port
VN21004	Usage	Ethernet Bandwidth-on-Demand temporary bandwidth increase of 1 Gbps per day; 1 Gbps ≤ committed bandwidth < 10 Gbps	Gbps per day	Optional. Requires scalable Ethernet port
VN30001	MRC	T3 burstable – 5 Mbps committed	Port	
VN30002	MRC	T3 burstable – 10 Mbps committed	Port	
VN30003	MRC	T3 burstable – 15 Mbps committed	Port	
VN30004	MRC	T3 burstable – 20 Mbps committed	Port	
VN30005	MRC	T3 burstable – 30 Mbps committed	Port	
VN30009	Usage	T3 burstable overage	Mbps	
VN30010	MRC	Ethernet – 20 Mbps committed, burstable to 100 Mbps	Port	
VN30011	MRC	Ethernet – 30 Mbps committed, burstable to 100 Mbps	Port	
VN30012	MRC	Ethernet – 40 Mbps committed, burstable to 100 Mbps	Port	
VN30013	MRC	Ethernet – 50 Mbps committed, burstable to 100 Mbps	Port	
VN30021	MRC	Ethernet – 200 Mbps committed, burstable to 1 Gbps	Port	
VN30022	MRC	Ethernet – 300 Mbps committed, burstable to 1 Gbps	Port	
VN30023	MRC	Ethernet – 400 Mbps committed, burstable to 1 Gbps	Port	

CLIN	Frequency	Description	Charging Unit	Notes
VN30024	MRC	Ethernet – 500 Mbps committed, burstable to 1 Gbps	Port	
VN30025	MRC	Ethernet – 600 Mbps committed, burstable to 1 Gbps	Port	
VN31020	Usage	Ethernet burstable overage for 20 Mbps committed port burstable to 100 Mbps	Mbps	
VN31030	Usage	Ethernet burstable overage for 30 Mbps committed port burstable to 100 Mbps	Mbps	
VN31040	Usage	Ethernet burstable overage for 40 Mbps committed port burstable to 100 Mbps	Mbps	
VN31050	Usage	Ethernet burstable overage for 50 Mbps committed port burstable to 100 Mbps	Mbps	
VN31200	Usage	Ethernet burstable overage for 200 Mbps committed port burstable to 1 Gbps	Mbps	
VN31300	Usage	Ethernet burstable overage for 300 Mbps committed port burstable to 1 Gbps	Mbps	
VN31400	Usage	Ethernet burstable overage for 400 Mbps committed port burstable to 1 Gbps	Mbps	
VN31500	Usage	Ethernet burstable overage for 500 Mbps committed port burstable to 1 Gbps	Mbps	
VN31600	Usage	Ethernet burstable overage for 600 Mbps committed port burstable to 1 Gbps	Mbps	
VN40001	NRC	Expedited provisioning within 24 hours	Port	

Because agencies have differing interests for balancing budgetary control against ordering complexity, Table B.2.1.1.3.2 includes two mandatory pricing mechanisms for achieving dynamic bandwidth: scalable bandwidth and burstable bandwidth.

Scalable bandwidth is ordered in anticipation of a future, temporary need for increased capacity. A scalable Ethernet transport MRC CLIN shall guarantee a committed bandwidth while ensuring the availability of the increased capacity. An Ethernet Bandwidth-on-Demand usage CLIN shall provide the increased capacity and must be ordered for the period of time during which the increased capacity will be required. An example of a valid CLIN pairing is Ethernet Bandwidth-on-Demand CLIN VN21002 used with scalable Ethernet transport CLIN VN20004.

Burstable bandwidth allows an agency to subscribe to a bandwidth commitment that is less than the full bandwidth of the selected VPNS port, but may burst to the full bandwidth of the selected port. The bandwidth commitment

equals the portion capacity of a circuit (as measured in bandwidth) that an agency may use in a monthly period without incurring an overage charge. A T3 burstable or Ethernet burstable CLIN shall guarantee a committed bandwidth while ensuring the availability of the increased capacity.

Bandwidth used in excess of the committed burstable bandwidth shall be invoiced via an overage usage CLIN. For each T3 burstable or Ethernet burstable MRC CLIN, a corresponding burstable overage usage CLIN shall be auto-sold to simplify ordering. For example, Ethernet burstable overage CLIN VN31500 shall be auto-sold with Ethernet burstable transport CLIN VN30024, and T3 burstable overage CLIN VN30009 shall be auto-sold with T3 burstable CLIN VN30003.

With burstable bandwidth, agencies shall only be charged for the amount of bandwidth used on a sustained level (95th percentile). Bandwidth shall be measured (or sampled) from the switch or router every 5 minutes. At the end of the month, the top 5% of data shall be discarded. The next highest measurement shall determine the billable usage for the month. Overages shall be billed in one-megabit per second increments for usage above the selected bandwidth commitment.

Table B.2.1.1.3.2 includes an expedited provisioning CLIN that shall be used to provision, within 24 hours rather than the standard provisioning period, a VPNS port CLIN at a higher bandwidth, subject to the restrictions below. This 24-hour provisioning shall be accomplished by ordering the expedited provisioning CLIN concurrent with the new, higher bandwidth port CLIN. The expedited provisioning CLIN shall only be used when moving from one bandwidth to another, where sufficient physical access capacity exists and where either:

1. The existing port is T3 burstable, and the new port does not exceed T3, or
2. The existing port is Ethernet, and the new port does not exceed the physical capacity of the existing port.

B.2.1.1.3.3 VPNS Port with Embedded Access Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
VN01001	Embedded Satellite – 1.54 Mbps	Port	Optional
VN01002	Embedded Satellite – 12 Mbps	Port	Optional
VN01003	Embedded T1	Port	Optional

MRC CLIN	Description	Charging Unit	Notes
VN01004	Embedded T3	Port	Optional
VN01005	Embedded Shared Ethernet – 1 Mbps	Port	Optional
VN01006	Embedded Shared Ethernet – 10 Mbps	Port	Optional
VN01007	Embedded Shared Ethernet – 50 Mbps	Port	Optional
VN01008	Embedded Shared Ethernet – 100 Mbps	Port	Optional
VN01009	Embedded Shared Ethernet – 700 Mbps	Port	Optional
VN01010	Embedded Shared Ethernet – 1 Gbps	Port	Optional
VN01011	Embedded Shared Ethernet – 3 Gbps	Port	Optional

B.2.1.1.3.4 VPNS Quality of Service (QoS)

VPNS QoS applies to the services in Tables B.2.1.1.3.2 and B.2.1.1.3.3.

MRC CLIN	Description	Charging Unit	Notes
VN10000	Quality of Service (QoS)	Port	ICB, NSP

B.2.1.1.4 VPNS Features

Table B.2.1.1.4.1 provides the format for pricing VPNS features. Table B.2.1.1.4.2 provides the pricing instructions for the features supported by VPNS. The requirement in Section C.2.1.1.2, ID Number 1, high availability options, shall be priced using CLINs from other sections such as B.2.9 (e.g., access diversity) and B.2.10 (e.g., a redundant router) or a TUC.

If additional security is required by an agency task order for the optional Cloud Service Provider Connection (CSPC) feature (Section C.2.1.1.2, ID Number 3), solutions may utilize EIS Managed Security Service (MSS).

The CSPC feature offers multiple CLIN structures and plans providing ordering options for Agencies and flexibility for the contractors to meet the technical requirements listed in Section C.2.1.1.2:

1. Connection-based – a CSPC based on a committed bandwidth; overage CLINs apply as described below, either with a Scalable Bandwidth or Burstable

bandwidth option. When ordered, the Connection-based plan CLINs represent the total bandwidth connection to the Cloud Service Provider.

2. Data Plan – a fixed amount of total data consumption by GB; overage CLINs associated with each GB of data consumed over the monthly data plan; data plan allowances can be aggregated/pooled across multiple sites and CSPs. When ordered, these CLINs determine the GB plan to the CSP(s), the maximum bandwidth to the CSPC from the agency network is 10Gbps.
3. Usage Plan – a usage-based plan per GB of data consumed with no overage CLINs. When ordered, these CLINs determine the usage based plan, per GB to the CSP(s), the maximum bandwidth to the CSPC from the agency network is 10Gbps.

Within the Connection-based plans, there are two methods for increasing bandwidth. The first method uses the CSPC feature overage CLINs for Bandwidth on Demand (Scalable bandwidth option), which shall be applied as usage over the selected CSPC Connection-based committed bandwidth.The second method uses Connection-based overage CLINs (Burstable bandwidth option), which shall apply to usage above the selected minimum bandwidth commitment. The contractor shall not charge overage for increasing bandwidth if the government switches to a higher connection committed bandwidth, within the Connection-based plans, even on the last day of the month.

B.2.1.1.4.1 VPNS Feature Prices Table

CLIN*	Case Number**	Task Order Number	Country/Jurisdiction ID***	Price	Price Start Date	Price Stop Date

* See feature pricing instructions in Table B.2.1.1.4.2 for the applicable charging mechanisms and charging units for each feature
** Applies to ICB CLINs only
*** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.1.1.4.2 VPNS Feature Pricing Instructions Table*

CLIN	Frequency	Description	Charging Unit	Notes
VN90002	MRC	Interworking Services	Port	Optional
CSPC Connection-based Plan CLINs				

CLIN	Frequency	Description	Charging Unit	Notes
VN90003	NRC	CSPC Public or Private Cloud Service Provider-Specific Connection Plan	Service Initiation	ICB; Optional; is in addition to the CSPC MRC and Usage CLINs
VN91001	MRC	CSPC Ethernet – 1 Mbps Committed Connection-based Plan	Connection	Optional
VN91002	MRC	CSPC Ethernet – 2 Mbps Committed Connection-based Plan	Connection	Optional
VN91003	MRC	CSPC Ethernet – 3 Mbps Committed Connection-based Plan	Connection	Optional
VN91004	MRC	CSPC Ethernet – 4 Mbps Committed Connection-based Plan	Connection	Optional
VN91005	MRC	CSPC Ethernet – 5 Mbps Committed Connection-based Plan	Connection	Optional
VN91006	MRC	CSPC Ethernet – 6 Mbps Committed Connection-based Plan	Connection	Optional
VN91007	MRC	CSPC Ethernet – 7 Mbps Committed Connection-based Plan	Connection	Optional
VN91008	MRC	CSPC Ethernet – 8 Mbps Committed Connection-based Plan	Connection	Optional
VN91009	MRC	CSPC Ethernet – 9 Mbps Committed Connection-based Plan	Connection	Optional
VN91010	MRC	CSPC Ethernet – 10 Mbps Committed Connection-based Plan	Connection	Optional
VN91020	MRC	CSPC Ethernet – 20 Mbps Committed Connection-based Plan	Connection	Optional
VN91025	MRC	CSPC Ethernet – 25 Mbps Committed Connection-based Plan	Connection	Optional
VN91030	MRC	CSPC Ethernet – 30 Mbps Committed Connection-based Plan	Connection	Optional
VN91040	MRC	CSPC Ethernet – 40 Mbps Committed Connection-based Plan	Connection	Optional
VN91050	MRC	CSPC Ethernet – 50 Mbps Committed Connection-based Plan	Connection	Optional
VN91060	MRC	CSPC Ethernet – 60 Mbps Committed Connection-based Plan	Connection	Optional
VN91070	MRC	CSPC Ethernet – 70 Mbps Committed Connection-based Plan	Connection	Optional

CLIN	Frequency	Description	Charging Unit	Notes
VN91080	MRC	CSPC Ethernet – 80 Mbps Committed Connection-based Plan	Connection	Optional
VN91090	MRC	CSPC Ethernet – 90 Mbps Committed Connection-based Plan	Connection	Optional
VN91100	MRC	CSPC Ethernet – 100 Mbps Committed Connection-based Plan	Connection	Optional
VN91155	MRC	CSPC Ethernet – 155 Mbps Committed Connection-based Plan	Connection	Optional
VN91200	MRC	CSPC Ethernet – 200 Mbps Committed Connection-based Plan	Connection	Optional
VN91300	MRC	CSPC Ethernet – 300 Mbps Committed Connection-based Plan	Connection	Optional
VN91400	MRC	CSPC Ethernet – 400 Mbps Committed Connection-based Plan	Connection	Optional
VN91500	MRC	CSPC Ethernet – 500 Mbps Committed Connection-based Plan	Connection	Optional
VN91600	MRC	CSPC Ethernet – 600 Mbps Committed Connection-based Plan	Connection	Optional
VN91700	MRC	CSPC Ethernet – 700 Mbps Committed Connection-based Plan	Connection	Optional
VN91800	MRC	CSPC Ethernet – 800 Mbps Committed Connection-based Plan	Connection	Optional
VN91900	MRC	CSPC Ethernet – 900 Mbps Committed Connection-based Plan	Connection	Optional
VN92001	MRC	CSPC Ethernet – 1 Gbps Committed Connection-based Plan	Connection	Optional
VN92002	MRC	CSPC Ethernet – 2 Gbps Committed Connection-based Plan	Connection	Optional
VN92003	MRC	CSPC Ethernet – 3 Gbps Committed Connection-based Plan	Connection	Optional
VN92004	MRC	CSPC Ethernet – 4 Gbps Committed Connection-based Plan	Connection	Optional
VN92005	MRC	CSPC Ethernet – 5 Gbps Committed Connection-based Plan	Connection	Optional
VN92006	MRC	CSPC Ethernet – 6 Gbps Committed Connection-based Plan	Connection	Optional
VN92007	MRC	CSPC Ethernet – 7 Gbps Committed Connection-based Plan	Connection	Optional
VN92008	MRC	CSPC Ethernet – 8 Gbps Committed Connection-based Plan	Connection	Optional

CLIN	Frequency	Description	Charging Unit	Notes
VN92009	MRC	CSPC Ethernet – 9 Gbps Committed Connection-based Plan	Connection	Optional
VN92010	MRC	CSPC Ethernet – 10 Gbps Committed Connection-based Plan	Connection	Optional
VN93001	Usage	CSPC Ethernet Bandwidth-on-Demand; 1 Mbps ≤ committed bandwidth < 10 Mbps Overage Connection-based Plan	Mbps	Optional Scalable bandwidths
VN93002	Usage	CSPC Ethernet Bandwidth-on-Demand; 10 Mbps ≤ committed bandwidth < 100 Mbps Overage Connection-based Plan	10 Mbps	Optional Scalable bandwidths
VN93003	Usage	CSPC Ethernet Bandwidth-on-Demand; 100 Mbps ≤ committed bandwidth < 1 Gbps Overage Connection-based Plan	100 Mbps	Optional Scalable bandwidths
VN93004	Usage	CSPC Ethernet Bandwidth-on-Demand; 1 Gbps ≤ committed bandwidth < 10 Gbps Overage Connection-based Plan	Gbps	Optional Scalable bandwidths
VN94001	Usage	CSPC Ethernet – Overage for 1 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94002	Usage	CSPC Ethernet – Overage for 2 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94003	Usage	CSPC Ethernet – Overage for 3 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94004	Usage	CSPC Ethernet – Overage for 4 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94005	Usage	CSPC Ethernet – Overage for 5 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94006	Usage	CSPC Ethernet – Overage for 6 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94007	Usage	CSPC Ethernet – Overage for 7 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94008	Usage	CSPC Ethernet – Overage for 8 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94009	Usage	CSPC Ethernet – Overage for 9 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94010	Usage	CSPC Ethernet – Overage for 10 Mbps Connection-based Plan	Kbps	Optional; Bursting

CLIN	Frequency	Description	Charging Unit	Notes
VN94020	Usage	CSPC Ethernet – Overage for 20 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94025	Usage	CSPC Ethernet – Overage for 25 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94030	Usage	CSPC Ethernet – Overage for 30 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94040	Usage	CSPC Ethernet – Overage for 40 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94050	Usage	CSPC Ethernet – Overage for 50 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94060	Usage	CSPC Ethernet – Overage for 60 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94070	Usage	CSPC Ethernet – Overage for 70 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94080	Usage	CSPC Ethernet – Overage for 80 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94090	Usage	CSPC Ethernet – Overage for 90 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94100	Usage	CSPC Ethernet – Overage for 100 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94155	Usage	CSPC Ethernet – Overage for 155 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94200	Usage	CSPC Ethernet – Overage for 200 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94300	Usage	CSPC Ethernet – Overage for 300 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94400	Usage	CSPC Ethernet – Overage for 400 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94500	Usage	CSPC Ethernet – Overage for 500 Mbps Connection-based Plan	Kbps	Optional; Bursting

CLIN	Frequency	Description	Charging Unit	Notes
VN94600	Usage	CSPC Ethernet – Overage for 600 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94700	Usage	CSPC Ethernet – Overage for 700 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94800	Usage	CSPC Ethernet – Overage for 800 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN94900	Usage	CSPC Ethernet – Overage for 900 Mbps Connection-based Plan	Kbps	Optional; Bursting
VN95001	Usage	CSPC Ethernet – Overage for 1 Gbps Connection-based Plan	Kbps	Optional; Bursting
VN95002	Usage	CSPC Ethernet – Overage for 2 Gbps Connection-based Plan	Kbps	Optional; Bursting
VN95003	Usage	CSPC Ethernet – Overage for 3 Gbps Connection-based Plan	Kbps	Optional; Bursting
VN95004	Usage	CSPC Ethernet – Overage for 4 Gbps Connection-based Plan	Kbps	Optional; Bursting
VN95005	Usage	CSPC Ethernet – Overage for 5 Gbps Connection-based Plan	Kbps	Optional; Bursting
VN95006	Usage	CSPC Ethernet – Overage for 6 Gbps Connection-based Plan	Kbps	Optional; Bursting
VN95007	Usage	CSPC Ethernet – Overage for 7 Gbps Connection-based Plan	Kbps	Optional; Bursting
VN95008	Usage	CSPC Ethernet – Overage for 8 Gbps Connection-based Plan	Kbps	Optional; Bursting
VN95009	Usage	CSPC Ethernet – Overage for 9 Gbps Connection-based Plan	Kbps	Optional; Bursting
VN95010	Usage	CSPC Ethernet – Overage for 10 Gbps Connection-based Plan	Kbps	Optional; Bursting
CSPC Data Plan CLINs				
VN90005	MRC	CSPC Data Plan up to 1000 GB	Plan	Optional

CLIN	Frequency	Description	Charging Unit	Notes
VN90006	Usage	CSPC Data Plan up to 1000 GB - Overage	Gigabyte	Optional
VN90007	MRC	CSPC Data Plan up to 3000 GB	Plan	Optional
VN90008	Usage	CSPC Data Plan up to 3000 GB - Overage	Gigabyte	Optional
VN90009	MRC	CSPC Data Plan up to 10000 GB	Plan	Optional
VN90010	Usage	CSPC Data Plan up to 10000 GB - Overage	Gigabyte	Optional
VN90011	MRC	CSPC Data Plan up to 30000 GB	Plan	Optional
VN90012	Usage	CSPC Data Plan up to 30000 GB - Overage	Gigabyte	Optional
VN90013	MRC	CSPC Data Plan up to 45000 GB	Plan	Optional
VN90014	Usage	CSPC Data Plan up to 45000 GB - Overage	Gigabyte	Optional
VN90015	MRC	CSPC Data Plan up to 100000 GB	Plan	Optional
VN90016	Usage	CSPC Data Plan up to 100000 GB - Overage	Gigabyte	Optional
VN90017	MRC	CSPC Data Plan up to 150000 GB	Plan	Optional
VN90018	Usage	CSPC Data Plan up to 150000 GB - Overage	Gigabyte	Optional
VN90019	NRC	CSPC Data Plan - Aggregated	Plan	Optional
VN90020	MRC	CSPC Data Plan 3000 GB Aggregated	Plan	Optional
VN90021	Usage	CSPC Data Plan 3000 GB Overage Aggregated	Gigabyte	Optional
VN90022	MRC	CSPC Data Plan 10000 GB Aggregated	Plan	Optional
VN90023	Usage	CSPC Data Plan 10000 GB Overage Aggregated	Gigabyte	Optional
VN90024	MRC	CSPC Data Plan 30000 GB Aggregated	Plan	Optional

CLIN	Frequency	Description	Charging Unit	Notes
VN90025	Usage	CSPC Data Plan 30000 GB Overage Aggregated	Gigabyte	Optional
VN90026	MRC	CSPC Data Plan 45000 GB Aggregated	Plan	Optional
VN90027	Usage	CSPC Data Plan 45000 GB Overage Aggregated	Gigabyte	Optional
VN90028	MRC	CSPC Data Plan 100000 GB Aggregated	Plan	Optional
VN90029	Usage	CSPC Data Plan 100000 GB Overage Aggregated	Gigabyte	Optional
VN90030	MRC	CSPC Data Plan 150000 GB Aggregated	Plan	Optional
VN90031	Usage	CSPC Data Plan 150000 GB Overage Aggregated	Gigabyte	Optional
VN90032	MRC	CSPC Data Plan 300000 GB Aggregated	Plan	Optional
VN90033	Usage	CSPC Data Plan 300000 GB Overage Aggregated	Gigabyte	Optional
VN90034	MRC	CSPC Data Plan 500000 GB Aggregated	Plan	Optional
VN90035	Usage	CSPC Data Plan 500000 GB Overage Aggregated	Gigabyte	Optional
VN90036	MRC	CSPC Data Plan 700000 GB Aggregated	Plan	Optional
VN90037	Usage	CSPC Data Plan 700000 GB Overage Aggregated	Gigabyte	Optional
VN90038	MRC	CSPC Data Plan 1000000 GB Aggregated	Plan	Optional
VN90039	Usage	CSPC Data Plan 1000000 GB Overage Aggregate	Gigabyte	Optional
CSPC Usage Plan CLINs				
VN90040	NRC	CSPC Usage based Plan	Plan	Optional
VN90041	Usage	CSPC Usage based Plan - 0-3000 GB	Gigabyte	Optional

CLIN	Frequency	Description	Charging Unit	Notes
VN90042	Usage	CSPC Usage based Plan - 3001-9000 GB	Gigabyte	Optional
VN90043	Usage	CSPC Usage based Plan - 9001-15000 GB	Gigabyte	Optional
VN90044	Usage	CSPC Usage based Plan - 15001-45000 GB	Gigabyte	Optional
VN90045	Usage	CSPC Usage based Plan - 45001-150000 GB	Gigabyte	Optional
VN90046	Usage	CSPC Usage based Plan - 150001 GB and above	Gigabyte	Optional

* See Section C.2.1.1.2 for details

B.2.1.1.5 VPNS Task Order Unique CLINs

Table B.2.1.1.5.1 provides the format for pricing TUCs supported by VPNS. Table B.2.1.1.5.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.1.1.5.1 VPNS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.1.5.2 VPNS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
VN99990	VN99991	VN99992	VPNS Task Order Unique	ICB	ICB

B.2.1.2 Ethernet Transport Service

The technical requirements for Ethernet Transport Service (ETS) are defined in Section C.2.1.2. Access arrangements to connect to the contractor's ETS network shall be provided in accordance with Section B.2.9.

B.2.1.2.1 Ethernet Transport Service Price Structure

ETS pricing includes the following elements:

1. Port price
2. Ethernet Virtual Connection (EVC) price (E-LINE only)
3. Features

E-LINE service requires the provisioning of two ports (point-to-point) and an EVC connecting them; the total price shall be the sum of the prices of the two ports, the connecting EVC, and any selected features.

E-LAN service requires the provisioning of two or more ports; the total price shall be the sum of the prices of the ports (which may not be the same speed) and any selected features.

All configurations of Quality of Service (QoS) are defined in Section C.2.1.2.1.4. Capability #26 shall be included in the port price (i.e., NSP). Since QoS is also ICB, a case number shall be assigned for each port purchase and a description shall be provided of how the port will be configured.

B.2.1.2.2 E-LINE Port Pricing

Table B.2.1.2.2.1 provides the format for pricing information for E-LINE port prices. Table B.2.1.2.2.2 provides the appropriate CLINs.

B.2.1.2.2.1 E-LINE Port Prices Table

CLIN	Case Number*	Task Order Number	Country/Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.1.2.2.2 E-LINE Port Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
EN00001	E-LINE Ethernet Network Interface – 10 Mbps	Port	
EN00002	E-LINE Ethernet Network Interface – 100 Mbps	Port	
EN00003	E-LINE Ethernet Network Interface – 1 Gbps	Port	
EN00004	E-LINE Ethernet Network Interface – 10 Gbps	Port	
EN00005	E-LINE Ethernet Network Interface – 40 Gbps	Port	Optional
EN00205	E-LINE Ethernet Network Interface – 50 Gbps	Port	Optional
EN00206	E-LINE Ethernet Network Interface – 60 Gbps	Port	Optional
EN00207	E-LINE Ethernet Network Interface – 70 Gbps	Port	Optional

EN00208	E-LINE Ethernet Network Interface – 80 Gbps	Port	Optional
EN00209	E-LINE Ethernet Network Interface – 90 Gbps	Port	Optional
EN00210	E-LINE Ethernet Network Interface – 100 Gbps	Port	Optional
EN00220	E-LINE Ethernet Network Interface – 200 Gbps	Port	Optional
EN00240	E-LINE Ethernet Network Interface – 400 Gbps	Port	Optional
EN00280	E-LINE Ethernet Network Interface – 800 Gbps	Port	Optional
EN00300	E-LINE Ethernet Network Interface – 1 Tbps	Port	Optional
EN00006	E-LINE Ethernet Network Interface Quality of Service (QoS)	Port	NSP, ICB

B.2.1.2.3 E-LINE EVC Pricing

Table B.2.1.2.3.1 provides the format for E-LINE point-to-point EVCs. Pricing is in terms of committed information rate (CIR). CLINs are provided in Table B.2.1.2.3.2.

B.2.1.2.3.1 E-LINE EVC Prices Table

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Terminating Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.1.2.3.2 E-LINE EVC Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
EN00010	E-LINE EVC - 1 Mbps (point-to-point)	EVC	
EN00011	E-LINE EVC - 2 Mbps (point-to-point)	EVC	
EN00012	E-LINE EVC - 3 Mbps (point-to-point)	EVC	
EN00013	E-LINE EVC - 4 Mbps (point-to-point)	EVC	
EN00014	E-LINE EVC - 5 Mbps (point-to-point)	EVC	
EN00015	E-LINE EVC - 6 Mbps (point-to-point)	EVC	
EN00016	E-LINE EVC - 7 Mbps (point-to-point)	EVC	
EN00017	E-LINE EVC - 8 Mbps (point-to-point)	EVC	
EN00018	E-LINE EVC - 9 Mbps (point-to-point)	EVC	
EN00019	E-LINE EVC - 10 Mbps (point-to-point)	EVC	
EN00020	E-LINE EVC - 20 Mbps (point-to-point)	EVC	
EN00021	E-LINE EVC - 30 Mbps (point-to-point)	EVC	
EN00022	E-LINE EVC - 40 Mbps (point-to-point)	EVC	

MRC CLIN	Description	Charging Unit	Notes
EN00023	E-LINE EVC - 50 Mbps (point-to-point)	EVC	
EN00024	E-LINE EVC - 60 Mbps (point-to-point)	EVC	
EN00025	E-LINE EVC - 70 Mbps (point-to-point)	EVC	
EN00026	E-LINE EVC - 80 Mbps (point-to-point)	EVC	
EN00027	E-LINE EVC - 90 Mbps (point-to-point)	EVC	
EN00028	E-LINE EVC - 100 Mbps (point-to-point)	EVC	
EN00029	E-LINE EVC - 200 Mbps (point-to-point)	EVC	
EN00030	E-LINE EVC - 300 Mbps (point-to-point)	EVC	
EN00031	E-LINE EVC - 400 Mbps (point-to-point)	EVC	
EN00032	E-LINE EVC - 500 Mbps (point-to-point)	EVC	
EN00033	E-LINE EVC - 600 Mbps (point-to-point)	EVC	
EN00034	E-LINE EVC - 700 Mbps (point-to-point)	EVC	
EN00035	E-LINE EVC - 800 Mbps (point-to-point)	EVC	
EN00036	E-LINE EVC - 900 Mbps (point-to-point)	EVC	
EN00037	E-LINE EVC - 1 Gbps (point-to-point)	EVC	
EN00038	E-LINE EVC - 2 Gbps (point-to-point)	EVC	
EN00039	E-LINE EVC - 3 Gbps (point-to-point)	EVC	
EN00040	E-LINE EVC - 4 Gbps (point-to-point)	EVC	
EN00041	E-LINE EVC - 5 Gbps (point-to-point)	EVC	
EN00042	E-LINE EVC - 6 Gbps (point-to-point)	EVC	
EN00043	E-LINE EVC - 7 Gbps (point-to-point)	EVC	
EN00044	E-LINE EVC - 8 Gbps (point-to-point)	EVC	
EN00045	E-LINE EVC - 9 Gbps (point-to-point)	EVC	
EN00046	E-LINE EVC - 10 Gbps (point-to-point)	EVC	
EN00047	E-LINE EVC - 20 Gbps (point-to-point)	EVC	Optional
EN00048	E-LINE EVC - 30 Gbps (point-to-point)	EVC	Optional
EN00049	E-LINE EVC - 40 Gbps (point-to-point)	EVC	Optional
EN00050	E-LINE EVC – 50 Gbps (point-to-point)	EVC	Optional
EN00051	E-LINE EVC – 60 Gbps (point-to-point)	EVC	Optional
EN00052	E-LINE EVC – 70 Gbps (point-to-point)	EVC	Optional
EN00053	E-LINE EVC – 80 Gbps (point-to-point)	EVC	Optional
EN00054	E-LINE EVC – 90 Gbps (point-to-point)	EVC	Optional
EN00055	E-LINE EVC – 100 Gbps (point-to-point)	EVC	Optional
EN00056	E-LINE EVC – 200 Gbps (point-to-point)	EVC	Optional

MRC CLIN	Description	Charging Unit	Notes
EN00058	E-LINE EVC – 400 Gbps (point-to-point)	EVC	Optional
EN00062	E-LINE EVC – 800 Gbps (point-to-point)	EVC	Optional
EN00064	E-LINE EVC – 1 Tbps (point-to-point)	EVC	Optional

B.2.1.2.4 E-LAN Port Pricing

Table B.2.1.2.4.1 provides the format for pricing information for E-LAN port prices. Table B.2.1.2.4.2 provides the CLINs.

B.2.1.2.4.1 E-LAN Port Prices Table

CLIN	Case Number*	Task Order Number	Country/Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.1.2.4.2 E-LAN Port Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
EN00501	MRC	E-LAN Ethernet – 1 Mbps	Port	
EN00502	MRC	E-LAN Ethernet – 2 Mbps	Port	
EN00503	MRC	E-LAN Ethernet – 3 Mbps	Port	
EN00504	MRC	E-LAN Ethernet – 4 Mbps	Port	
EN00505	MRC	E-LAN Ethernet – 5 Mbps	Port	
EN00506	MRC	E-LAN Ethernet – 6 Mbps	Port	
EN00507	MRC	E-LAN Ethernet – 7 Mbps	Port	
EN00508	MRC	E-LAN Ethernet – 8 Mbps	Port	
EN00509	MRC	E-LAN Ethernet – 9 Mbps	Port	
EN00510	MRC	E-LAN Ethernet – 10 Mbps	Port	
EN00520	MRC	E-LAN Ethernet – 20 Mbps	Port	

CLIN	Frequency	Description	Charging Unit	Notes
EN00530	MRC	E-LAN Ethernet – 30 Mbps	Port	
EN00540	MRC	E-LAN Ethernet – 40 Mbps	Port	
EN00550	MRC	E-LAN Ethernet – 50 Mbps	Port	
EN00560	MRC	E-LAN Ethernet – 60 Mbps	Port	
EN00570	MRC	E-LAN Ethernet – 70 Mbps	Port	
EN00580	MRC	E-LAN Ethernet – 80 Mbps	Port	
EN00590	MRC	E-LAN Ethernet – 90 Mbps	Port	
EN00600	MRC	E-LAN Ethernet – 100 Mbps	Port	
EN00620	MRC	E-LAN Ethernet – 200 Mbps	Port	
EN00630	MRC	E-LAN Ethernet – 300 Mbps	Port	
EN00640	MRC	E-LAN Ethernet – 400 Mbps	Port	
EN00650	MRC	E-LAN Ethernet – 500 Mbps	Port	
EN00660	MRC	E-LAN Ethernet – 600 Mbps	Port	
EN00670	MRC	E-LAN Ethernet – 700 Mbps	Port	
EN00680	MRC	E-LAN Ethernet – 800 Mbps	Port	
EN00690	MRC	E-LAN Ethernet – 900 Mbps	Port	
EN00700	MRC	E-LAN Ethernet – 1 Gbps	Port	
EN00720	MRC	E-LAN Ethernet – 2 Gbps	Port	
EN00730	MRC	E-LAN Ethernet – 3 Gbps	Port	
EN00740	MRC	E-LAN Ethernet – 4 Gbps	Port	
EN00750	MRC	E-LAN Ethernet – 5 Gbps	Port	

CLIN	Frequency	Description	Charging Unit	Notes
EN00760	MRC	E-LAN Ethernet – 6 Gbps	Port	
EN00770	MRC	E-LAN Ethernet – 7 Gbps	Port	
EN00780	MRC	E-LAN Ethernet – 8 Gbps	Port	
EN00790	MRC	E-LAN Ethernet – 9 Gbps	Port	
EN00800	MRC	E-LAN Ethernet – 10 Gbps	Port	
EN00850	MRC	E-LAN Ethernet – 20 Gbps	Port	Optional
EN00900	MRC	E-LAN Ethernet – 30 Gbps	Port	Optional
EN01000	MRC	E-LAN Ethernet – 40 Gbps	Port	Optional
EN01005	MRC	E-LAN Ethernet – 50 Gbps	Port	Optional
EN01006	MRC	E-LAN Ethernet – 60 Gbps	Port	Optional
EN01007	MRC	E-LAN Ethernet – 70 Gbps	Port	Optional
EN01008	MRC	E-LAN Ethernet – 80 Gbps	Port	Optional
EN01009	MRC	E-LAN Ethernet – 90 Gbps	Port	Optional
EN01010	MRC	E-LAN Ethernet – 100 Gbps	Port	Optional
EN01020	MRC	E-LAN Ethernet – 200 Gbps	Port	Optional
EN01040	MRC	E-LAN Ethernet – 400 Gbps	Port	Optional
EN01080	MRC	E-LAN Ethernet – 800 Gbps	Port	Optional
EN01100	MRC	E-LAN Ethernet – 1 Tbps	Port	Optional
EN20001	MRC	E-LAN Ethernet – 3 Mbps committed, scalable to 10 Mbps	Port	
EN20002	MRC	E-LAN Ethernet – 6 Mbps committed, scalable to 10 Mbps	Port	
EN20003	MRC	E-LAN Ethernet – 20 Mbps committed, scalable to 100 Mbps	Port	

CLIN	Frequency	Description	Charging Unit	Notes
EN20004	MRC	E-LAN Ethernet – 30 Mbps committed, scalable to 100 Mbps	Port	
EN20005	MRC	E-LAN Ethernet – 50 Mbps committed, scalable to 100 Mbps	Port	
EN20006	MRC	E-LAN Ethernet – 200 Mbps committed, scalable to 1 Gbps	Port	
EN20007	MRC	E-LAN Ethernet – 300 Mbps committed, scalable to 1 Gbps	Port	
EN20008	MRC	E-LAN Ethernet – 2 Gbps committed, scalable to 10 Gbps	Port	
EN20009	MRC	E-LAN Ethernet – 3 Gbps committed, scalable to 10 Gbps	Port	
EN21001	Usage	E-LAN Ethernet Bandwidth-on-Demand temporary bandwidth increase of 1 Mbps per day; 1 Mbps ≤ committed bandwidth < 10 Mbps	Mbps per day	Requires scalable E-LAN Ethernet port
EN21002	Usage	E-LAN Ethernet Bandwidth-on-Demand temporary bandwidth increase of 10 Mbps per day; 10 Mbps ≤ committed bandwidth < 100 Mbps	10 Mbps per day	Requires scalable E-LAN Ethernet port
EN21003	Usage	E-LAN Ethernet Bandwidth-on-Demand temporary bandwidth increase of 100 Mbps per day; 100 Mbps ≤ committed bandwidth < 1 Gbps	100 Mbps per day	Requires scalable E-LAN Ethernet port
EN21004	Usage	E-LAN Ethernet Bandwidth-on-Demand temporary bandwidth increase of 1 Gbps per day; 1 Gbps ≤ committed bandwidth < 10 Gbps	Gbps per day	Requires scalable E-LAN Ethernet port
EN30010	MRC	E-LAN Ethernet – 20 Mbps committed, burstable to 100 Mbps	Port	
EN30011	MRC	E-LAN Ethernet – 30 Mbps committed, burstable to 100 Mbps	Port	
EN30012	MRC	E-LAN Ethernet – 40 Mbps committed, burstable to 100 Mbps	Port	
EN30013	MRC	E-LAN Ethernet – 50 Mbps committed, burstable to 100 Mbps	Port	
EN30014	MRC	E-LAN Ethernet – 200 Mbps committed, burstable to 1 Gbps	Port	
EN30015	MRC	E-LAN Ethernet – 300 Mbps committed, burstable to 1 Gbps	Port	
EN30016	MRC	E-LAN Ethernet – 400 Mbps committed, burstable to 1 Gbps	Port	

CLIN	Frequency	Description	Charging Unit	Notes
EN30017	MRC	E-LAN Ethernet – 500 Mbps committed, burstable to 1 Gbps	Port	
EN30018	MRC	E-LAN Ethernet – 600 Mbps committed, burstable to 1 Gbps	Port	
EN31020	Usage	E-LAN Ethernet burstable overage for 20 Mbps committed port burstable to 100 Mbps	Mbps	
EN31030	Usage	E-LAN Ethernet burstable overage for 30 Mbps committed port burstable to 100 Mbps	Mbps	
EN31040	Usage	E-LAN Ethernet burstable overage for 40 Mbps committed port burstable to 100 Mbps	Mbps	
EN31050	Usage	E-LAN Ethernet burstable overage for 50 Mbps committed port burstable to 100 Mbps	Mbps	
EN31200	Usage	E-LAN Ethernet burstable overage for 200 Mbps committed port burstable to 1 Gbps	Mbps	
EN31300	Usage	E-LAN Ethernet burstable overage for 300 Mbps committed port burstable to 1 Gbps	Mbps	
EN31400	Usage	E-LAN Ethernet burstable overage for 400 Mbps committed port burstable to 1 Gbps	Mbps	
EN31500	Usage	E-LAN Ethernet burstable overage for 500 Mbps committed port burstable to 1 Gbps	Mbps	
EN31600	Usage	E-LAN Ethernet burstable overage for 600 Mbps committed port burstable to 1 Gbps	Mbps	
EN40001	NRC	E-LAN Expedited provisioning within 24 hours	Port	
EN50001	MRC	E-LAN Quality of Service (QoS)	Port	NSP, ICB

Because agencies have differing interests for balancing budgetary control against ordering complexity, Table B.2.1.2.4.2 includes two mandatory pricing mechanisms for achieving dynamic bandwidth: scalable bandwidth and burstable bandwidth.

> **Scalable bandwidth** is ordered in anticipation of a future, temporary need for increased capacity. A scalable E-LAN transport MRC CLIN shall guarantee a committed bandwidth while ensuring the availability of the increased capacity. An E-LAN Bandwidth-on-Demand usage CLIN shall provide the increased capacity and must be ordered for the period of time during which the increased capacity will be required. An example of a valid CLIN pairing is E-LAN Ethernet Bandwidth-on-Demand CLIN EN21002 used with scalable E-LAN Ethernet transport CLIN EN20004.

Burstable bandwidth allows an agency to subscribe to a bandwidth commitment that is less than the full bandwidth of the selected E-LAN Ethernet port, but may burst to the full bandwidth of the selected port. The bandwidth commitment equals the portion capacity of a circuit (as measured in bandwidth) that an agency may use in a monthly period without incurring an overage charge. An E-LAN Ethernet burstable CLIN shall guarantee a committed bandwidth while ensuring the availability of the increased capacity.

Bandwidth used in excess of the committed burstable bandwidth shall be invoiced via an overage usage CLIN. For each E-LAN Ethernet burstable MRC CLIN, a corresponding burstable overage usage CLIN shall be auto-sold to simplify ordering. For example, E-LAN Ethernet burstable overage CLIN EN31500 shall be auto-sold with Ethernet burstable transport CLIN EN30017.

With burstable bandwidth, agencies shall only be charged for the amount of bandwidth used on a sustained level (95th percentile). Bandwidth shall be measured (or sampled) from the switch or router every 5 minutes. At the end of the month, the top 5% of data shall be discarded. The next highest measurement shall determine the billable usage for the month. Overages shall be billed in one-megabit per second increments for usage above the selected bandwidth commitment.

Table B.2.1.2.4.2 includes an expedited provisioning CLIN that shall be used to provision, within 24 hours rather than the standard provisioning period, an E-LAN Ethernet port CLIN at a higher bandwidth. This 24-hour provisioning shall be accomplished by ordering the expedited provisioning CLIN concurrent with the new, higher bandwidth port CLIN. The expedited provisioning CLIN shall only be used when moving from one bandwidth to another where sufficient physical access capacity exists and the new port does not exceed the physical capacity of the existing port.

B.2.1.2.5 Ethernet Transport Features Pricing

Table B.2.1.2.5.1 provides the formats for pricing Ethernet features.

B.2.1.2.5.1 Ethernet Transport Feature Prices Table (Reserved for future use)

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.1.2.6 Ethernet Transport Task Order Unique CLINs

Table B.2.1.2.6.1 provides the format for pricing TUCs supported by Ethernet. Table B.2.1.2.6.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.1.2.6.1 Ethernet Transport TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.2.6.2 Ethernet Transport TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
EN99990	EN99991	EN99992	ETS Task Order Unique	ICB	ICB

B.2.1.3 Optical Wavelength Service

The technical requirements for Optical Wavelength Service (OWS) are defined in Section C.2.1.3. OWS shall be provided over Wavelength Division Multiplexing (WDM).

B.2.1.3.1 OWS Price Structure

The price structure for OWS includes the following elements:

1. MRC per wavelength for transport
2. Feature Charges

Where access is used to connect the SDP to the contractor's designated connecting POP, access prices shall be provided in accordance with Section B.2.9. Prices for any associated SRE shall be provided in accordance with Section B.2.10.

B.2.1.3.2 OWS Transport

The MRC for CONUS-to-CONUS transport consists of a fixed component that is determined based on mileage band. CONUS-to-CONUS distance shall be based on the total mileage between the contractor's designated connecting POPs for any two customer locations. CONUS-to-CONUS distances shall be calculated using the distance formula listed in Section B.1.2.7. The MRC for OCONUS and non-domestic consists of a fixed component plus a distance dependent (per mile) formula. Distance involving OCONUS or non-domestic locations shall be calculated using the shortest airline miles obtained from the haversine great-circle distance formula shown below:

$a = \sin^2(\Delta\varphi/2) + \cos\varphi 1 \cdot \cos\varphi 2 \cdot \sin^2(\Delta\lambda/2)$

$c = 2 \cdot \text{atan2}(\sqrt{a}, \sqrt{(1-a)})$

$\text{distance} = R \cdot c$

where φ is latitude, λ is longitude, R is earth's radius (mean radius = 6,371km).

Table B.2.1.3.2.1 provides the formats for the pricing information for Metro OWS. The contractor shall provide a single price for Metro OWS (i.e., transport in a domestic metropolitan area). Thus, the Metro OWS price shall not vary by metropolitan area. The contractor shall list the Network Site Code (NSC) for each location where Metro OWS is provided as defined in Section B.4.1.12.

Table B.2.1.3.2.2 provides the formats for the pricing information for CONUS OWS. Table B.2.1.3.2.3 provides the formats for the pricing information for OCONUS OWS. Table B.2.1.3.2.4 provides the formats for the pricing information for non-domestic OWS. The contractor shall also list the mileage bands for the appropriate transport charges in Tables B.2.1.3.2.2, B.2.1.3.2.3, and B.2.1.3.2.4.

Table B.2.1.3.2.5 provides the wavelength speeds and applicable charging units for OWS on the WDM.

Finally, the contractor shall list the originating and terminating Country/Jurisdiction IDs for OWS transport in Tables B.2.1.3.2.3 and B.2.1.3.2.4. The Country/Jurisdiction IDs are listed in Table B.4.2.1.

B.2.1.3.2.1 Metro OWS Transport Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.1.3.2.2 CONUS OWS Transport Prices Table

CLIN	Case Number*	Task Order Number	Mileage Band Low	Mileage Band High	Fixed Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.1.3.2.3 OCONUS OWS Transport Prices Table

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Terminating Country/ Jurisdiction ID**	Mileage Band Low	Mileage Band High	Fixed Price	Variable Price Per Mile	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.1.3.2.4 Non-Domestic OWS Transport Prices Table (Optional)

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Terminating Country/ Jurisdiction ID**	Mileage Band Low	Mileage Band High	Fixed Price	Variable Price Per Mile	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.1.3.2.5 OWS WDM Transport Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
OW00101	1 Gbps – Metro	Wavelength	
OW00102	OC48 – 2.5 Gbps – Metro	Wavelength	
OW00103	OC48c – 2.5 Gbps – Metro	Wavelength	
OW00104	OC192 – 10 Gbps – Metro	Wavelength	
OW00105	40 Gbps – Metro	Wavelength	ICB - Optional
OW00106	100 Gbps – Metro	Wavelength	ICB - Optional
OW00107	1 Gbps – Domestic Long Haul	Wavelength	
OW00108	OC48 – 2.5 Gbps – Domestic Long Haul	Wavelength	
OW00109	OC48c – 2.5 Gbps – Domestic Long Haul	Wavelength	
OW00110	OC192 – 10 Gbps – Domestic Long Haul	Wavelength	
OW00111	40 Gbps – Domestic Long Haul	Wavelength	ICB - Optional
OW00112	100 Gbps – Domestic Long Haul	Wavelength	ICB - Optional
OW00113	1 Gbps – Non-Domestic Long Haul	Wavelength	ICB - Optional
OW00114	OC48 – 2.5 Gbps – Non-Domestic Long Haul	Wavelength	ICB - Optional
OW00115	OC48c – 2.5 Gbps – Non-Domestic Long Haul	Wavelength	ICB - Optional

MRC CLIN	Description	Charging Unit	Notes
OW00116	OC192 – 10 Gbps – Non-Domestic Long Haul	Wavelength	ICB - Optional
OW00117	40 Gbps – Non-Domestic Long Haul	Wavelength	ICB - Optional
OW00118	100 Gbps – Non-Domestic Long Haul	Wavelength	ICB - Optional

B.2.1.3.3 OWS Features

Table B.2.1.3.3.1 provides the format for pricing information for OWS features for WDM. Table B.2.1.3.3.2 provides applicable charging mechanisms and charging units for OWS features.

B.2.1.3.3.1 OWS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.1.3.3.2 OWS WDM Feature Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
OW00301	Customer Network Management (CNM) – Level 1	Site	Optional. Network site identified by NSC
OW00302	Customer Network Management (CNM) – Level 2	Site	Optional. Network site identified by NSC
OW00303	Equipment Protection 1:1	Wavelength	ICB
OW00304	Equipment Protection 1+1	Wavelength	ICB
OW00305	Equipment Protection – Network Side	Wavelength	ICB
OW00306	Geographical Diversity – Wavelengths	Wavelength	ICB
OW00307	Protected CONUS Wavelength	Wavelength	Optional - ICB
OW00308	Protected OCONUS Wavelength	Wavelength	Optional - ICB
OW00309	Protected Non-Domestic Wavelength	Wavelength	Optional - ICB
OW00310	Protected Metro Wavelength	Wavelength	ICB

B.2.1.3.4 OWS Task Order Unique CLINs

Table B.2.1.3.4.1 provides the format for pricing TUCs supported by WDM. Table B.2.1.3.4.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.1.3.4.1 OWS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.3.4.2 OWS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
OW99990	OW99991	OW99992	OWS Task Order Unique	ICB	ICB

B.2.1.4 Private Line Service

The technical requirements for Private Line Service (PLS) are defined in Section C.2.1.4.

PLS provides facilities for duplex (bi-directional) service between two or more specified end points. Accordingly, PLS is priced without regard for direction of carried traffic. The two endpoints are designated by POPs (or other comparable locations) as defined in Section B.4.1. For convenience, the ends of a PLS circuit are referred to as “originating” and “terminating,” although these terms have no operational or pricing significance.

The price structure for PLS includes the following elements:

1. MRC per circuit for transport
2. Feature Charges

Domestic PLS transport prices shall be either a solely distance-based MRC or a combination of monthly recurring fixed price plus distance-based monthly recurring charges. Non-domestic PLS and ICB transport prices shall consist of a monthly recurring fixed price only (no per-mile charge). Where access is used to connect the SDP to the contractor’s designated connecting POP (or other comparable location), access prices shall be provided in accordance with Section B.2.9.

Prices for any associated SRE shall be provided in accordance with Section B.2.10.

In the case of multipoint PLS connections, the number and identities of the access and transport links shall be calculated using a least cost routing (e.g., minimal spanning

tree) algorithm to determine the shortest overall distance to connect all POPs within the multipoint network. Distance between POPs shall be calculated using the distance formula listed in Section B.1.2.7. Each transport link in the minimal spanning tree shall be priced separately as described in Section B.2.1.4.1 and the prices summed to determine the total transport price.

For non-domestic PLS, fixed prices shall be provided for the full channel transport elements for countries where the contractor offers PLS on a full channel basis (see Table B.4.2.1 for Country/Jurisdiction IDs).

B.2.1.4.1 PLS Transport Prices

The PLS transport prices shall be determined as follows:

1. When both serving POPs are in the same country/jurisdiction (either CONUS or OCONUS), a price component from Table B.2.1.4.1.2 shall be used.
2. When one serving POP is within CONUS and the other is in OCONUS, two price components shall be used:
   a) A price (from Table B.2.1.4.1.2) for transport between the designated CONUS-serving POP and the PLS Gateway (from Table B.4.1.10 Domestic Private Line Service Gateways).
   b) A price (from Table B.2.1.4.1.3) for transport between designated PLS Gateway and the OCONUS service region.
3. When both serving POPs are in (different) OCONUS country/jurisdictions, a single price component from Table B.2.1.4.1.3 shall be used.
4. When one serving POP is in a non-domestic country/jurisdiction and the other is in a domestic service region (either CONUS or OCONUS), two price components shall be used:
   a) A price (from Table B.2.1.4.1.3) for transport between the non-domestic POP and the designated PLS Gateway (see Table B.4.1.11 Domestic Private Line Gateway to Non-Domestic Country/Jurisdiction Relationship).
   b) A price (from Table B.2.1.4.1.2) for domestic transport between the designated PLS gateway and the domestic serving POP.
5. When both serving POPs are in different non-domestic countries/jurisdictions, a single price component from Table B.2.1.4.1.3 shall be used.
6. When both serving POPs are in a single non-domestic country/jurisdiction, a single price component from Table B.2.1.4.1.4 shall be used.

Table B.2.1.4.1.1 lists the tables which define the appropriate formats for the PLS pricing scenarios described above.

B.2.1.4.1.1 PLS Summary of Pricing Tables Needed for Transport Pricing

	POP in CONUS	POP in OCONUS	POP in Non-Domestic Country/Jurisdiction
POP in CONUS	Table B.2.1.4.1.2	Tables B.2.1.4.1.2 and B.2.1.4.1.3	Tables B.2.1.4.1.2 and B.2.1.4.1.3
POP in OCONUS	Tables B.2.1.4.1.2 and B.2.1.4.1.3	Same Country/Jurisdiction: Table B.2.1.4.1.2 Different Country/Jurisdictions: Table B.2.1.4.1.3	Tables B.2.1.4.1.2 and B.2.1.4.1.3
POP in Non-Domestic Country/Jurisdiction	Tables B.2.1.4.1.2 and B.2.1.4.1.3	Tables B.2.1.4.1.2 and B.2.1.4.1.3	Same Country/Jurisdiction: Table B.2.1.4.1.4 Different Country/Jurisdictions: Table B.2.1.4.1.3

Table B.2.1.4.1.2 provides the formats for pricing information for PLS domestic (same Country/Jurisdiction ID) transport service. The price may be either based solely on distance-based MRC or on a combination of a monthly recurring fixed price plus distance-based MRC. ICB transport prices shall consist of a monthly recurring fixed price only (no per-mile charge). Distance between the POPs shall be calculated using the distance formula in Section B.1.2.7.

When using distance-based pricing with minimum/maximum distance banding, monthly price per mile for the corresponding band shall be multiplied by the total transport distance in miles.

B.2.1.4.1.2 PLS Domestic Transport Prices Table

CLIN	Case Number*	Task Order Number	Mileage Band Low	Mileage Band High	Fixed Price	Variable Price per Mile**	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Price per mile not applicable to ICB CLINs

Table B.2.1.4.1.3 provides the pricing formats for PLS transport for OCONUS and non-domestic circuits between different countries/jurisdictions. Table B.2.1.4.1.4 provides

the formats for PLS transport for non-domestic circuits within a single country/jurisdiction. POPs for intra-country/intra-jurisdiction non-domestic circuits shall be assigned to the closest POP to each location (based on distance) within that country/jurisdiction.

OCONUS POPs are listed in Table B.4.1.1; non-domestic POPs are listed in Table B.4.1.2. Domestic service gateways are listed in Table B.4.1.10. Country/Jurisdiction IDs are listed in Table B.4.2.1.

B.2.1.4.1.3 PLS OCONUS and Non-Domestic Transport Prices Table (Different Country Jurisdictions)

CLIN	Case Number*	Task Order Number	Country/ Jurisdiction ID (Originating)**	Country/ Jurisdiction ID (Terminating)**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.1.4.1.4 PLS Non-Domestic Transport Prices Table (Same Country/Jurisdiction IDs)

CLIN	Case Number*	Task Order Number	Country/ Jurisdiction ID**	POP ID (Originating)	POP ID (Terminating)	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

Table B.2.1.4.1.5 provides applicable charging mechanisms and charging units for full channels.

B.2.1.4.1.5 PLS Full Channel Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
PL00101	Basic Subscriber Line (4 KHz)	Circuit	Optional
PL00102	DS0	Circuit	
PL00103	T1	Circuit	
PL00104	E1	Circuit	
PL00112	FT3 T1 x 2	Circuit	
PL00105	T3	Circuit	
PL00106	E3	Circuit	
PL00107	OC-3c	Circuit	

MRC CLIN	Description	Charging Unit	Notes
PL00108	OC-12c	Circuit	
PL00109	OC-48c	Circuit	ICB
PL00110	OC-192c	Circuit	ICB
PL00111	OC-768c	Circuit	ICB; optional

B.2.1.4.2 PLS Feature Prices

Table B.2.1.4.2.1 provides the formats for pricing information for PLS features. Table B.2.1.4.2.2 provides applicable charging mechanisms and charging units.

For PLS transport avoidance features, additional mileage shall be calculated as the difference between the avoidance route miles and the distance calculated using the V&H coordinate formula in Section B.1.2.7.

B.2.1.4.2.1 PLS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.1.4.2.2 PLS Feature Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
PL00201	Special Routing - Transport Diversity	Circuit	MRC is in addition to the transport circuit price that will apply to each transport circuit in each relationship pair.
PL00202	Special Routing - Transport Avoidance	Mile	MRC is in addition to the transport circuit price that will apply without avoidance routing. It applies only to the excess mileage incurred by the avoidance-routed circuit(s).
PL00203	Multipoint Connections - Branch-Off	Multipoint drop	MRC applies only to multipoint drops provided within the transport component
PL00204	Multipoint Connections - Drop and Insert	Multipoint drop	MRC applies only to multipoint drops provided within the transport component

MRC CLIN	Description	Charging Unit	Notes
PL00205	Channelized Circuits	Circuit	NSP. Contractor shall use this CLIN to indicate that a channelized or non-concatenated circuit is being ordered (instead of un-channelized or concatenated) at no additional cost.

B.2.1.4.3 PLS Task Order Unique CLINs

Table B.2.1.4.3.1 provides the format for pricing TUCs supported by PLS. Table B.2.1.4.3.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.1.4.3.1 PLS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.4.3.2 PLS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
PL99990	PL99991	PL99992	PLS Task Order Unique	ICB	ICB

B.2.1.5 Synchronous Optical Network Service

The technical requirements for Synchronous Optical Network Service (SONETS) are defined in Section C.2.1.5.

B.2.1.5.1 Access

The contractor shall price access to SONETS separately, when required. The contractor shall list all access charges for SONETS in B.2.9. Prices for any associated SRE shall be provided in accordance with Section B.2.10.

B.2.1.5.2 SONETS Task Order Unique CLINs

Table B.2.1.5.2.1 provides the format for pricing TUCs supported by SONETS. Table B.2.1.5.2.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.1.5.2.1 SONETS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.5.2.2 SONETS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
SO99990	SO99991	SO99992	SONETS Task Order Unique	ICB	ICB

B.2.1.6 Dark Fiber Service

The technical requirements for Dark Fiber Service (DFS) are defined in Section C.2.1.6.

B.2.1.6.1 DFS Price Structure

The price structure for DFS includes the following elements:

1. MRC for the Indefeasible Rights of Use (IRU) for on-net connections or along routes where fiber is installed, per fiber pair for transport
2. Feature Charges

Where access is used to connect the SDP to the contractor's designated connecting POP, access prices shall be provided in accordance with Section B.2.9.

Prices for any associated SRE shall be provided in accordance with Section B.2.10.

B.2.1.6.2 DFS Transport

The MRC includes the IRU for the use of the fiber, not the actual fiber itself. The MRC may vary depending on the number of pairs of strands in the fiber cable. The MRC is comprised entirely of a fixed component. The management, ongoing monitoring support, maintenance, and repair of DFS in case of breaks shall be included in the MRC. Table B.2.1.6.2.1 provides the formats for pricing information for DFS. Table B.2.1.6.2.2 provides the applicable charging mechanisms and charging units for DFS.

B.2.1.6.2.1 DFS Transport Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

*Applies only to ICB CLINs

B.2.1.6.2.2 DFS Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
DK00101	DFS – Fiber Pair – 1 Fiber Pair	Fiber Pair	ICB
DK00102	DFS – Fiber Pair – More than 1 Fiber Pair	Fiber Pair	ICB
DK00103	DFS – Fiber Pair – Non-domestic	Fiber Pair	ICB Optional

B.2.1.6.3 DFS Feature Prices

Table B.2.1.6.3.1 provides the formats for pricing information for DFS features. Table B.2.1.6.3.2 provides applicable charging mechanisms and charging units for DFS features. Cost for all other features will be part of the ICB Dark Fiber CLIN pricing (e.g., Duct, Multiple Duct, etc.).

B.2.1.6.3.1 DFS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.1.6.3.2 DFS Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
DK09001		Colocation Service – Add/drop traffic (gateways) and to regenerate and amplify traffic	Gateway	ICB
	DK09002	Colocation Service – Add/drop traffic (gateways) and to regenerate and amplify traffic	Gateway	ICB
DK09003		Off-Net laterals	Proposal	ICB (one-time payment)
	DK09004	Off-Net laterals	Proposal	ICB (monthly installments)
DK09005		Splicing	Dispatch	ICB

B.2.1.6.4 DFS Task Order Unique CLINs

Table B.2.1.6.4.1 provides the format for pricing TUCs supported by DFS. Table B.2.1.6.4.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.1.6.4.1 DFS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.6.4.2 DFS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
DK99990	DK99991	DK99992	DFS Task Order Unique	ICB	ICB

B.2.1.7 Internet Protocol Service (IPS)

The technical requirements for Internet Protocol Service (IPS) are defined in Section C.2.1.7.

All configurations of Quality of Service (QoS) are defined in Section C.2.1.7.2. QoS shall be included in the port price (i.e., NSP). Since QoS is also ICB, a case number shall be assigned for each port purchase and a description shall be provided of how the port will be configured.

B.2.1.7.1 IPS Price Structure

The price structure for domestic and non-domestic IPS includes the following elements:

1. MRC per Port
2. Feature Charges

Prices for any associated SRE shall be provided in accordance with Section B.2.10.

B.2.1.7.2 IPS Access

The contractor shall allow a government agency to connect to the contractor's IPS transport network using either of the following access methods:

1. Non-embedded access
2. Embedded access

B.2.1.7.2.1 Non-embedded Access

Where non-embedded access is used to connect the SDP to the contractor's designated connecting POP, non-embedded access prices shall be provided in accordance with Section B.2.9.

B.2.1.7.2.2 Embedded Access

When services such as DSL or Cable High-Speed are offered as embedded access by the contractor, the service price shall be included in the contractor's port price. See Section J.1 for the geographical scope of these service offerings.

B.2.1.7.3 IPS Port Prices

Table B.2.1.7.3.1 provides the format for pricing IPS. Table B.2.1.7.3.2 provides the pricing mechanisms and charging units.

Domestic access will connect to the contractor's IPS network through a domestic access port. The contractor shall price domestic access ports based on a monthly recurring charge.

Non-domestic access will connect to the contractor's IPS network through a non-domestic access port. The contractor shall price non-domestic access ports based on a monthly recurring charge.

The Country/Jurisdiction IDs are provided in Table B.4.2.1.

B.2.1.7.3.1 IPS Port Prices Table

CLIN	Case Number*	Task Order Number	Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Case number applies to ICB CLINs only
** Country/Jurisdiction IDs are provided in Section B.4.2.1

B.2.1.7.3.2 IPS Port Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
IP10001	MRC	IPS – T1 – 1.5 Mbps	Port	
IP10002	MRC	IPS – 2 x T1 – 3 Mbps	Port	
IP10003	MRC	IPS – 4 x T1 – 6 Mbps	Port	
IP10004	MRC	IPS – 6 x T1 – 9 Mbps	Port	
IP10010	MRC	IPS – FT3 – 3 Mbps	Port	
IP10012	MRC	IPS – FT3 – 6 Mbps	Port	
IP10013	MRC	IPS – FT3 – 9 Mbps	Port	

CLIN	Frequency	Description	Charging Unit	Notes
IP10014	MRC	IPS – FT3 – 15 Mbps	Port	
IP10015	MRC	IPS – FT3 – 24 Mbps	Port	
IP10016	MRC	IPS – FT3 – 30 Mbps	Port	
IP10019	MRC	IPS – T3 – 45 Mbps	Port	
IP10020	MRC	IPS – OC3c (155 Mbps)	Port	
IP10021	MRC	IPS – OC12c (622 Mbps)	Port	
IP10022	MRC	IPS – OC48c (2.5 Gbps)	Port	
IP10023	MRC	IPS – OC192c (10 Gbps)	Port	
IP10031	MRC	IPS – Ethernet – 1 Mbps	Port	
IP10032	MRC	IPS – Ethernet – 3 Mbps	Port	
IP10033	MRC	IPS – Ethernet – 6 Mbps	Port	
IP10036	MRC	IPS – Ethernet – 10 Mbps	Port	
IP10040	MRC	IPS – Ethernet – 20 Mbps	Port	
IP10041	MRC	IPS – Ethernet – 30 Mbps	Port	
IP10042	MRC	IPS – Ethernet – 40 Mbps	Port	
IP10043	MRC	IPS – Ethernet – 50 Mbps	Port	
IP10049	MRC	IPS – Ethernet – 100 Mbps	Port	
IP10050	MRC	IPS – Ethernet – 200 Mbps	Port	
IP10051	MRC	IPS – Ethernet – 300 Mbps	Port	
IP10052	MRC	IPS – Ethernet – 400 Mbps	Port	
IP10053	MRC	IPS – Ethernet – 500 Mbps	Port	
IP10059	MRC	IPS – Ethernet – 1 Gbps	Port	
IP10061	MRC	IPS – Ethernet – 2 Gbps	Port	
IP10062	MRC	IPS – Ethernet – 3 Gbps	Port	
IP10069	MRC	IPS – Ethernet – 10 Gbps	Port	
IP60002	MRC	IPS – Ethernet – 20 Gbps	Port	Optional
IP60003	MRC	IPS – Ethernet – 30 Gbps	Port	Optional

CLIN	Frequency	Description	Charging Unit	Notes
IP60004	MRC	IPS – Ethernet – 40 Gbps	Port	Optional
IP60005	MRC	IPS – Ethernet – 50 Gbps	Port	Optional
IP60006	MRC	IPS – Ethernet – 60 Gbps	Port	Optional
IP60007	MRC	IPS – Ethernet – 70 Gbps	Port	Optional
IP60008	MRC	IPS – Ethernet – 80 Gbps	Port	Optional
IP60009	MRC	IPS – Ethernet – 90 Gbps	Port	Optional
IP60010	MRC	IPS – Ethernet – 100 Gbps	Port	Optional
IP60020	MRC	IPS – Ethernet – 200 Gbps	Port	Optional
IP60040	MRC	IPS – Ethernet – 400 Gbps	Port	Optional
IP60080	MRC	IPS – Ethernet – 800 Gbps	Port	Optional
IP60100	MRC	IPS – Ethernet – 1 Tbps	Port	Optional
IP10070	MRC	IPS – E1 NONDOM	Port	
IP10071	MRC	IPS – E1 CONUS/OCONUS	Port	Optional
IP10080	MRC	IPS – E3 NONDOM	Port	
IP10081	MRC	IPS – E3 CONUS/OCONUS	Port	Optional
IP20001	MRC	IPS – SDSL – up to 1.5 Mbps	Port	Embedded Access. Optional
IP21001	MRC	IPS – ADSL – up to 1.5 Mbps download	Port	Embedded Access. Optional
IP21002	MRC	IPS – ADSL – up to 5 Mbps download	Port	Embedded Access. Optional
IP21003	MRC	IPS – ADSL – up to 8 Mbps download	Port	Embedded Access. Optional
IP30001	MRC	IPS – T3 burstable – 5 Mbps committed	Port	
IP30002	MRC	IPS – T3 burstable – 10 Mbps committed	Port	
IP30003	MRC	IPS – T3 burstable – 15 Mbps committed	Port	
IP30004	MRC	IPS – T3 burstable – 20 Mbps committed	Port	
IP30005	MRC	IPS – T3 burstable – 30 Mbps committed	Port	

CLIN	Frequency	Description	Charging Unit	Notes
IP30008	Usage	T3 burstable overage	Mbps	
IP30010	MRC	IPS – Ethernet – 20 Mbps committed, burstable to 100 Mbps	Port	
IP30011	MRC	IPS – Ethernet – 30 Mbps committed, burstable to 100 Mbps	Port	
IP30012	MRC	IPS – Ethernet – 40 Mbps committed, burstable to 100 Mbps	Port	
IP30013	MRC	IPS – Ethernet – 50 Mbps committed, burstable to 100 Mbps	Port	
IP30021	MRC	IPS – Ethernet – 200 Mbps committed, burstable to 1 Gbps	Port	
IP30022	MRC	IPS – Ethernet – 300 Mbps committed, burstable to 1 Gbps	Port	
IP30023	MRC	IPS – Ethernet – 400 Mbps committed, burstable to 1 Gbps	Port	
IP30024	MRC	IPS – Ethernet – 500 Mbps committed, burstable to 1 Gbps	Port	
IP30025	MRC	IPS – Ethernet – 600 Mbps committed, burstable to 1 Gbps	Port	
IP40020	Usage	IPS – Ethernet burstable overage for 20 Mbps committed port burstable to 100 Mbps	Mbps	
IP40030	Usage	IPS – Ethernet burstable overage for 30 Mbps committed port burstable to 100 Mbps	Mbps	
IP40040	Usage	IPS – Ethernet burstable overage for 40 Mbps committed port burstable to 100 Mbps	Mbps	
IP40050	Usage	IPS – Ethernet burstable overage for 50 Mbps committed port burstable to 100 Mbps	Mbps	
IP40200	Usage	IPS – Ethernet burstable overage for 200 Mbps committed port burstable to 1 Gbps	Mbps	
IP40300	Usage	IPS – Ethernet burstable overage for 300 Mbps committed port burstable to 1 Gbps	Mbps	
IP40400	Usage	IPS – Ethernet burstable overage for 400 Mbps committed port burstable to 1 Gbps	Mbps	
IP40500	Usage	IPS – Ethernet burstable overage for 500 Mbps committed port burstable to 1 Gbps	Mbps	
IP40600	Usage	IPS – Ethernet burstable overage for 600 Mbps committed port burstable to 1 Gbps	Mbps	
IP50001	MRC	IP Quality of Service (QoS)	Port	NSP, ICB

Satellite internet access services shall be provided in accordance with Section B.2.7.

Wireless internet access services shall be provided in accordance with Section B.2.6.

Managed Trusted Internet Protocol Services (MTIPS) shall be provided in accordance with Section B.2.8.4.

Burstable bandwidth allows an agency to subscribe to a bandwidth commitment that is less than the full bandwidth of the selected IPS port, but may burst to the full bandwidth of the selected port. The bandwidth commitment equals the portion capacity of a circuit (as measured in bandwidth) that an agency may use in a monthly period without incurring an overage charge. A T3 burstable or Ethernet burstable CLIN shall guarantee a committed bandwidth while ensuring the availability of the increased capacity.

Bandwidth used in excess of the committed burstable bandwidth shall be invoiced via an overage usage CLIN. For each T3 burstable or Ethernet burstable MRC CLIN, a corresponding burstable overage usage CLIN shall be auto-sold to simplify ordering. For example, Ethernet burstable overage CLIN IP40030 shall be auto-sold with Ethernet burstable transport CLIN IP30011, and T3 burstable overage CLIN IP30008 shall be auto-sold with T3 burstable CLIN IP30003.

With burstable bandwidth, agencies shall only be charged for the amount of bandwidth used on a sustained level (95th percentile). Bandwidth shall be measured (or sampled) from the switch or router every 5 minutes. At the end of the month, the top 5% of data shall be discarded. The next highest measurement shall determine the billable usage for the month. Overages shall be billed in one-megabit per second increments for usage above the selected bandwidth commitment.

B.2.1.7.4 IPS Feature Prices

Table B.2.1.7.4.1 provides the format for pricing the features supported by IPS.

B.2.1.7.4.1 IPS Feature Prices Table (Reserved for future use)

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.1.7.5 IPS Task Order Unique CLINs

Table B.2.1.7.5.1 provides the format for pricing the TUCs supported by IPS. Table B.2.1.7.5.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.1.7.5.1 IPS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.7.5.2 IPS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
IP99990	IP99991	IP99992	IPS Task Order Unique	ICB	ICB

B.2.1.8 Broadband Internet Service (BIS)

The technical requirements for Broadband Internet Service (BIS) are defined in Section C.2.1.8.

B.2.1.8.1 BIS Price Structure

The price structure for domestic and non-domestic BIS includes the following elements:

1. NRC
2. MRC
3. Feature Charges

B.2.1.8.2 BIS Access

All BIS ports shall include embedded access; the access prices shall be included in the BIS port NRC and MRC.

The access component shall equal or exceed the download bandwidth of the port with which it is embedded.

B.2.1.8.3 BIS Port Prices

Table B.2.1.7.3.1 provides the format for pricing BIS ports. Table B.2.1.7.3.2 provides the pricing mechanisms and charging units.

BIS port CLINs shall be priced as ICB. All ICB case descriptions shall include the BIS access download and minimum upload bandwidths, port speed, and service location.

B.2.1.8.3.1 BIS Port Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.8.3.2 BIS Port Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
BI10001	NRC	BIS – Port with Embedded Access	Port	ICB
BI10002	MRC	BIS – Port with Embedded Access	Port	ICB

B.2.1.8.4 BIS Feature Prices

BIS feature CLINs shall be priced as ICB. Table B.2.1.8.4.1 provides the format for pricing the features supported by BIS. Table B.2.1.7.3.2 provides the pricing mechanisms and charging units.

B.2.1.8.4.1 BIS Feature Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.8.4.2 BIS Feature Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
BI90001	MRC	BIS Enhanced Class of Service (CoS)	Port	ICB, Optional
BI90002	MRC	Static IP Address	Address Block	ICB, Optional

B.2.1.8.5 BIS Task Order Unique CLINs

Table B.2.1.7.5.1 provides the format for pricing the TUCs supported by BIS. Table B.2.1.7.5.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.1.8.5.1 BIS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.1.8.5.2 BIS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
BI99990	BI99991	BI99992	BIS Task Order Unique	ICB	ICB

B.2.2 Voice Service

The technical requirements for Voice Service are defined in Sections C.2.2.1 and C.2.2.2.

Voice Service can be provided using various technologies. The pricing tables have been organized as follows:

1. Internet Protocol Voice Service (IPVS)
2. Circuit Switched Voice Service (CSVS)

Contractors shall propose prices for at least one of the Voice Service technologies specified above. Contractors shall price all mandatory CLINs associated with each technology proposed.

Price tables, associated CLINs and pricing instructions for each Voice Service technology are specified in the subsequent sub-sections.

B.2.2.1 Internet Protocol Voice Service

Internet Protocol Voice Service (IPVS) shall be used in conjunction with VPN or another transport service specified in this document. Pricing for VPNS is not included with IPVS, and can be found in Section B.2.1.1.

IPVS provides voice communications service and telephony features. Within IPVS, the following service options are available:

1. IPVS (Includes unlimited on-net to on-net and unlimited CONUS on-net to CONUS off-net calling):
   a) Hosted.
   b) Premises-Based.
2. Managed LAN (Requires IPVS).
3. Session Initiation Protocol (SIP) Trunk Service.

Contractors shall propose pricing for IPVS, Managed LAN and SIP Trunk Service. All CLINs are mandatory unless otherwise specified.

B.2.2.1.1 IPVS Price Structure

The price structure for IPVS includes the following components:

1. Basic service per telephone number (Includes unlimited on-net to on-net and unlimited CONUS on-net to CONUS off-net calling)
2. Per six-second off-net usage
3. Features

B.2.2.1.2 IPVS Prices

The contractor shall provide pricing information for IPVS in the formats specified in Tables B.2.2.1.2.1 and B.2.2.1.2.2. Available service types are provided in Table B.2.2.1.2.3.

B.2.2.1.2.1 IPVS CONUS Prices Table

CLIN	Case Number*	Task Order Number	Band Low**	Band High**	Variable Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items

** Banded pricing per charging unit. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.2.1.2.2 IPVS OCONUS or Non-Domestic Prices Table

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Band Low***	Band High***	Variable Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items

** Country/Jurisdiction IDs are provided in Table B.4.2.1

*** Banded pricing per charging unit. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.2.1.2.3 IPVS Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
VI21110	VI22110	IPVS - Hosted	Seat	Includes unlimited on-net to on-net and unlimited CONUS on-net to CONUS off-net calling. For service implementations located in an OCONUS country/jurisdiction, unlimited off-net calling within the same OCONUS country/jurisdiction shall also be included.
VI21210	VI22210	IPVS - Premises-Based	Seat	Includes unlimited on-net to on-net and unlimited CONUS on-net to CONUS off-net calling. For service implementations located in an OCONUS country/jurisdiction, unlimited off-net calling within the same OCONUS country/jurisdiction shall also be included.
VI21500		IPVS - Service Identifier Capture	Seat	NSP. Optional. CLIN shall be ordered as many times as necessary to record all detailed information required in Section J.2 for each seat ordered via VI21110 or VI21210.

B.2.2.1.3 IPVS Off-Net Usage Prices

Contractors shall use the formats specified in Table B.2.2.1.3.1 to provide off-net termination pricing to all OCONUS and non-domestic countries/jurisdictions specified in Table J.1.2.1.

Where the contractor provides voice service to a particular country/jurisdiction, the prices in Tables B.2.2.1.3.1, B.2.2.1.3.2 and B.2.2.1.3.3 cannot be higher than the prices resulting from applying the multiple usage increments applicable to that country/jurisdiction as provided in Table B.2.2.2.1.3. The originating country/jurisdiction is included in Table B.4.2.1.

The price table and instructions for non-domestic mobile terminations are provided in Section B.2.2.1.3.5.

Off-net termination usage based pricing shall apply to IPVS with or without Managed LAN.

B.2.2.1.3.1 IPVS CONUS to OCONUS and Non-Domestic Off-Net Termination Usage Prices Table

CLIN	Task Order Number	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.1.3.2 IPVS OCONUS or Non-Domestic to CONUS Off-Net Termination Usage Prices Table

CLIN	Task Order Number	Originating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.1.3.3 IPVS OCONUS or Non-Domestic to OCONUS or Non-Domestic Off-Net Termination Usage Prices Table

CLIN	Task Order Number	Originating Country/ Jurisdiction ID*	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.1.3.4 IPVS On-Net to Off-Net Termination Usage Pricing Instructions Table

Usage CLIN	Description	Charging Unit	Notes
VI23010	IPVS: On-net to off-net calling	6 seconds	See Table B.2.2.2.1.3 Usage Increments for applicable increments of 6 second usage.

B.2.2.1.3.5 IPVS Non-Domestic Mobile Termination Surcharge

Contractors shall provide mobile termination pricing to all non-domestic countries/jurisdictions listed in Table J.1.2.1 except for satellite locations, which are the NONDOM locations in Table B.4.2.1 with no AOW ID. Table B.2.2.1.3.5.1 provides the formats for pricing information for IPVS non-domestic mobile termination add-on prices. Table B.2.2.1.3.5.2 provides applicable charging mechanisms and charging units for IPVS non-domestic mobile termination add-on prices.

B.2.2.1.3.5.1 IPVS Non-Domestic Mobile Termination Surcharge Prices Table

CLIN	Task Order Number	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.1.3.5.2 IPVS Non-Domestic Mobile Termination Surcharge Pricing Instructions Table

Usage CLIN	Description	Charging Unit
VI24000	Non-Domestic Mobile Termination Surcharge	6 seconds

B.2.2.1.4 IPVS Feature Prices

IPVS shall include the following features in the basic service price in Section B.2.2.1.2:

- Automatic Number Identification (ANI)
- Call Forward – All
- Call Forward – Busy
- Call Forward - Don't Answer
- Call Hold
- Call Transfer
- 3-way Conference Calling
- Call Park
- Call Pickup
- Class of Service Restriction
- Distinctive Ringing
- Call Waiting
- Do Not Disturb
- Hotline
- Hunt Groups
- Multi-Line Appearance
- Directory Assistance
- Speed Dial

- Call Number Suppression
- IP Telephony Manager (Administrator)
- Specific Call Rejection
- IP Telephony Manager (Subscriber)
- Last Number Dialed

The contractor shall provide pricing information for IPVS features in the formats specified in Tables B.2.2.1.4.1 and B.2.2.1.4.2. Pricing instructions are provided in Table B.2.2.1.4.3. The contractor shall provide pricing information for IPVS banded features in the formats specified in Tables B.2.2.1.4.4 and B.2.2.1.4.5. Pricing instructions are provided in Table B.2.2.1.4.6.

B.2.2.1.4.1 IPVS CONUS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items

B.2.2.1.4.2 IPVS OCONUS and Non-Domestic Feature Prices Table

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items
** Country/Jurisdiction IDs are provided in Table B.4.2.1

Contractors shall propose pricing for all features unless specified otherwise. Features apply to IPVS.

B.2.2.1.4.3 IPVS Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit
VI21410	VI22410	IPVS: Voice Mail Box	Seat
VI21415	VI22415	IPVS: Auto Attendant	Instance*

* An Instance of IPVS: Auto Attendant is an auto attendant implementation containing the capabilities specified in Section C.2.2.1.2

B.2.2.1.4.4 IPVS CONUS Banded Feature Prices Table

CLIN	Case Number*	Task Order Number	Band Low**	Band High**	Variable Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items
** Banded pricing per charging unit. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.2.1.4.5 IPVS OCONUS and Non-Domestic Banded Feature Prices Table

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Band Low***	Band High***	Variable Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items
** Country/Jurisdiction IDs are provided in Table B.4.2.1
*** Banded pricing per charging unit. Contractor may propose pricing for multiple bands using the same CLIN.

Contractors shall propose pricing for all features unless specified otherwise. Features apply to IPVS.

B.2.2.1.4.6 IPVS Banded Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
VI21420	VI22420	IPVS: PSAP Connection	Seat	Establish and maintain the connection to the PSAP and build out of the Private Switch/Automatic Location Identification (PS/ALI) database. Includes Remote Access Banded pricing per charging unit. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.2.1.5 Managed LAN

IPVS is a pre-requisite for Managed LAN. IPVS shall be used in conjunction with a separately priced, VPN or another transport services specified in this document and shall be provided as described in Section C.2.1.4.1.

The contractor shall be responsible for providing and managing all Managed LAN networking hardware components (e.g. layer 2 switching devices, routers, call servers, etc.) to extend the IPVS from the site demarcation point to the terminating subscriber device. Managed LAN per seat pricing shall include all equipment necessary to provide the Managed LAN solution.

The contractor shall provide pricing information for Managed LAN basic service in the formats specified in Tables B.2.2.1.5.1 and B.2.2.1.5.2.

B.2.2.1.5.1 Managed LAN CONUS Prices Table

CLIN	Case Number*	Task Order Number	Band Low**	Band High**	Variable Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items
** Banded pricing per charging unit. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.2.1.5.2 Managed LAN OCONUS or Non-Domestic Prices Table

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Band Low***	Band High***	Variable Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items
** Country/Jurisdiction IDs are provided in Table B.4.2.1
*** Banded pricing per charging unit. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.2.1.5.3 Managed LAN Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit
VI21310	VI22310	Managed LAN Without Call Server & Maintenance - Hosted	Seat
VI21320	VI22320	Managed LAN Service With Call Server & Maintenance - Premises-Based	Seat

B.2.2.1.6 Session Initiation Protocol Trunk Service

B.2.2.1.6.1 Session Initiation Protocol Trunk Price Structure

SIP Trunk service shall be priced using the following components. Charges for access arrangements shall not be included in SIP Trunk Service pricing, but shall be provided as described in Section C.2.2.1.6.

1. Basic Service (Includes unlimited on-net to on-net and unlimited CONUS on-net to CONUS off-net calling)
2. Off-net usage billed in six-second increments
3. Features

The network and the management of the network will be provided by the underlying network service. The equipment necessary to enable SIP Trunk service, such as gateways, routers, etc., shall be listed and priced as described in Section B.2.10.

Contractors shall propose pricing for SIP Trunk mandatory CLINs unless otherwise specified.

B.2.2.1.6.2 SIP Trunk CONUS Prices Table

CLIN	Case Number*	Task Order Number	Band Low**	Band High**	Variable Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items

** Banded pricing per charging unit. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.2.1.6.3 SIP Trunk OCONUS or Non-Domestic Prices Table

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Band Low***	Band High***	Variable Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items

** Country/Jurisdiction IDs are provided in Table B.4.2.1

*** Banded pricing per charging unit. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.2.1.6.4 SIP Trunk Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
VI31110	VI32110	SIP Trunk: Basic Service	Concurrent call path	Includes unlimited on-net to on-net and unlimited CONUS on-net to CONUS off-net calling. For service implementations located in an OCONUS country/jurisdiction, unlimited off-net calling within the same OCONUS country/jurisdiction shall also be included.

B.2.2.1.7 SIP Trunk Off-Net Usage Pricing

Unlimited on-net to on-net and unlimited CONUS on-net to CONUS off-net calling shall be included with SIP Trunk Basic Service.

Contractors shall use the formats specified in Table B.2.2.1.7.1 to provide off-net termination pricing to all OCONUS and non-domestic countries/jurisdictions specified in Table J.1.2.1.

Where the contractor provides voice service to a particular country/jurisdiction, the prices in Tables B.2.2.1.7.1, B.2.2.1.7.2 and B.2.2.1.7.3 cannot be higher than the prices

resulting from applying the multiple usage increments applicable to that country/jurisdiction as provided in Table B.2.2.2.1.3. The originating country/jurisdiction is included in Table B.4.2.1.

The price table and instructions for non-domestic mobile terminations are provided in Section B.2.2.1.3.5.

B.2.2.1.7.1 SIP Trunk CONUS On-Net to Off-Net OCONUS or Non-Domestic Usage-Based Prices Table

CLIN	Task Order Number	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.1.7.2 SIP Trunk OCONUS or Non-Domestic On-Net to OCONUS or Non-Domestic Off-Net Usage-Based Prices Table

CLIN	Task Order Number	Originating Country/ Jurisdiction ID*	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.1.7.3 SIP Trunk OCONUS or Non-Domestic On-Net to CONUS Off-Net Usage-Based Prices Table

CLIN	Task Order Number	Originating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.1.7.4 SIP Trunk On-Net to Off-Net Usage-Based Pricing Instructions Table

Usage CLIN	Description	Charging Unit	Notes
VI33010	SIP Trunk: On-Net to Off-Net Calling	6 seconds	See Table B.2.2.2.1.3 Usage Increments for applicable increments of 6 second usage.

B.2.2.1.8 SIP Trunk Feature Prices

The contractor shall provide pricing information for SIP Trunk features in the formats specified in Tables B.2.2.1.8.1 and Tables B.2.2.1.8.2. Pricing instructions are provided in Table B.2.2.1.8.3.

B.2.2.1.8.1 SIP Trunk CONUS Standard Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items

B.2.2.1.8.2 SIP Trunk OCONUS or Non-Domestic Feature Prices Table

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.1.8.3 SIP Trunk Standard Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
VI31410	VI32410		SIP Trunk: Automatic call routing	Concurrent call path	
VI31415	VI32415		SIP Trunk: Bandwidth QOS Management	Trunk	
VI31420	VI32420		SIP Trunk: Trunk Bursting*	Trunk	
VI31425	VI32425		SIP Trunk: Single DID Number Assignment and Maintenance	Number	
VI31430	VI32430		SIP Trunk: Block of 10 DID Numbers Assignment and Maintenance	Block	
VI31435	VI32435		SIP Trunk: Block of 100 DID Numbers Assignment and Maintenance	Block	
VI31440	VI32440		SIP Trunk: Block of 1000 DID Numbers Assignment and Maintenance	Block	

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
VI31445			SIP Trunk: DID Number Capture	Number	NSP. CLIN shall be ordered as many times as necessary to record all detailed information required in Section J.2 for each DID Number ordered via VI31430, VI31435, or VI31440.
		VI33445	SIP Trunk: Burstable Call Path**	Concurrent call path	

* SIP Trunk: Trunk Bursting feature provides the capability to burst additional call path(s) within a trunk.

**SIP Trunk: Burstable Call Path feature is the utilization of an additional call path within a trunk. For each burstable call path utilized, one usage charge shall be billed per month regardless of the number of bursting instances occurred within the same month. Requires SIP Trunk: Trunk Bursting CLINs.

B.2.2.1.9 IPVS Task Order Unique CLINs

Table B.2.2.1.9.1 provides the format for pricing TUCs for IPVS. Table B.2.2.1.9.2 provides IPVS TUC pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.2.1.9.1 IPVS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.1.9.2 IPVS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
VI99990	VI99991	VI99992	IPVS Task Order Unique	ICB	ICB

B.2.2.2 Circuit Switched Voice Service

Circuit Switched Voice Service (CSVS) supports both traditional local and long distance service. Prices may vary based on originating technology.

The mandatory price structure for CSVS includes the following elements:

1. Usage including switched originating access and/or terminating access costs, as applicable, per six-second increment. Unlimited CONUS to CONUS or within the same OCONUS country/jurisdiction calling service packages are also available.

2. Features.

Usage charges for calls to non-domestic and OCONUS countries/jurisdictions shall be charged at the usage rates provided in Section B.2.2.2.1.1. Contractors shall use Table B.2.2.2.1.6 to provide off-net termination pricing to all OCONUS and non-domestic countries/jurisdictions specified in Table J.1.2.1. Additionally, contractors shall provide pricing for all the OCONUS and non-domestic countries/jurisdictions specified in Table B.4.2.1 where the service will be offered.

All CSVS usage-based prices shall be billed in six-second increments unless otherwise specified. A minimum number of billing increments per call shall be set at the levels defined in B.2.2.2.1.3.

Charges for access arrangements (e.g. Basic Subscriber Line, ISDN PRI, and ISDN BRI) shall not be included in CSVS pricing, but shall be provided as described in Section B.2.9.

Contractors shall provide pricing for all Voice Service Basic CLINs unless specified otherwise.

B.2.2.2.1 Circuit Switched Voice Service Usage

Contractors shall propose CSVS pricing to support six-second increment, usage-based, and Unlimited CONUS to CONUS or within the same OCONUS country/jurisdiction scenarios. Section B.2.2.2.1.1 provides pricing tables and instructions for six-second increment usage-based pricing including CONUS to CONUS.

Unlimited CONUS to CONUS or within the same OCONUS country/jurisdiction Plans require Basic Subscriber Line, ISDN PRI or Voice Service ISDN BRI access. Section B.2.2.2.2 provides pricing tables and instructions for Unlimited CONUS to CONUS or within the same OCONUS country/jurisdiction Plans. Section B.2.9 provides Access pricing.

B.2.2.2.1.1 CSVS Usage-Based Prices

Usage-based pricing shall be on a country/jurisdiction-to-country/jurisdiction basis between the countries involved in the call. The pricing tables applicable to all categories of CONUS, OCONUS and non-domestic transport are listed in Table B.2.2.2.1.4. The following types of calls are differentiated:

1. CONUS to CONUS.
2. CONUS to OCONUS or non-domestic.
3. OCONUS or non-domestic to CONUS.
4. OCONUS or non-domestic to OCONUS or non-domestic.

5. Non-domestic mobile termination.

Contractors shall use the following pricing instructions for CONUS, OCONUS and non-domestic CSVS Usage-Based pricing tables.

B.2.2.2.1.2 CSVS Usage-Based Pricing Instructions Table

Usage CLIN	Description	Charging Unit	Notes
VS13010	Switched access origination	6 seconds	
VS13020	Dedicated access origination	6 seconds	Examples of Dedicated Access include, but are not limited to, Basic Subscriber Line, ISDN PRI, and ISDN BRI.

Minimum Billing Increments for CSVS Usage-Based Billing shall be priced in six-second increments. The number of minimum increments per call varies based on call type.

B.2.2.2.1.3 Usage Increments

From	To	Minimum Increments Per Call
Domestic (CONUS/OCONUS)	Domestic (CONUS/OCONUS)	One
Domestic (CONUS/OCONUS)	Non-domestic	Three
Non-domestic	Domestic (CONUS/OCONUS)	Five
Non-domestic	Non-domestic	Five

CONUS, OCONUS and Non-Domestic Usage-Based Pricing Tables can be found using the Cross-Reference Table B.2.2.2.1.4.

B.2.2.2.1.4 Usage Pricing Cross Reference

From Location	To Location	Table
CONUS	CONUS	B.2.2.2.1.5
CONUS	OCONUS or Non-domestic	B.2.2.2.1.6
OCONUS or Non-domestic	CONUS	B.2.2.2.1.7
OCONUS or Non-domestic	OCONUS or Non-domestic	B.2.2.2.1.8

For non-domestic mobile termination calls, a per six-second increment additional add-

on charge shall apply to certain non-domestic telephone calls that terminate to a mobile phone or other wireless devices. These add-ons vary by country.

B.2.2.2.1.5 CSVS CONUS to CONUS Usage-Based Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.2.1.6 CSVS CONUS to OCONUS or Non-Domestic Usage-Based Prices Table

CLIN	Task Order Number	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.2.1.7 CSVS OCONUS or Non-Domestic to CONUS Usage-Based Prices Table

CLIN	Task Order Number	Originating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.2.1.8 CSVS OCONUS or Non-Domestic to OCONUS or Non-Domestic Usage-Based Prices Table

CLIN	Task Order Number	Originating Country/ Jurisdiction ID*	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

For each originating OCONUS country/jurisdiction priced in Table B.2.2.2.1.8, the contractor shall price terminations to all OCONUS and non-domestic countries/jurisdictions specified in Table J.1.2.1.

B.2.2.2.1.9 CSVS Non-Domestic Mobile Termination Surcharge

Contractors shall provide mobile termination pricing to all non-domestic countries/jurisdictions listed in Table J.1.2.1 except for satellite locations, which are the NONDOM locations in Table B.4.2.1 with no AOW ID.Table B.2.2.2.1.9.1 provides the

formats for pricing information for CSVS non-domestic mobile termination add-on prices. Table B.2.2.2.1.9.2 provides applicable charging mechanisms and charging units for CSVS non-domestic mobile termination add-on prices.

B.2.2.2.1.9.1 CSVS Non-Domestic Mobile Termination Surcharge Prices Table

CLIN	Task Order Number	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.2.1.9.2 CSVS Non-Domestic Mobile Termination Surcharge Pricing Instructions Table

Usage CLIN	Description	Charging Unit
VS13030	Non-Domestic Mobile Termination Surcharge	6 seconds

B.2.2.2.2 CSVS Unlimited CONUS or OCONUS Calling Plan Prices

Unlimited Calling Plans shall be available when ordered with EIS Basic Subscriber Line, ISDN PRI or ISDN BRI access. Tables B.2.2.2.2.1 and B.2.2.2.2.2 provide pricing tables and instructions for Unlimited Calling Plans. Unlimited Calling Plans shall include:

1. Unlimited on-net to on-net and unlimited CONUS on-net to CONUS off-net calling.
2. Unlimited off-net calling within the same OCONUS country/jurisdiction, for service implementations located in an OCONUS country/jurisdiction.

Access prices shall be provided in accordance with Section B.2.9.

B.2.2.2.2.1 CSVS Unlimited CONUS or OCONUS Calling Plan Prices Table

CLIN	Task Order Number	Country/Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.2.2.2 CSVS Unlimited CONUS or OCONUS Calling Plan Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
VS11110	VS12110	Basic Subscriber Line: Unlimited Calling	Line	Includes the following features: 1. Call Transfer-All Calls 2. Call Hold 3. Three-Way Calling

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
				4. Intercom (Station-to-Station Dialing) 5. Direct Inward and Outward Dialing 6. Call Forwarding 7. Access Codes 8. Caller ID 9. Call Waiting
VS11210	VS12210	ISDN PRI: Unlimited Calling	Trunk	Includes the following features: 1. Block Exchanges 2. Data Call Setup 3. Data Line Privacy 4. Distinctive Ringing 5. Flexible Disconnect, Both/Either Party 6. Foreign Exchange Service 7. Six-Way Conference Call 8. Trunk Group Denial 9. Call Forwarding 10. Call Waiting
VS11310	VS12310	ISDN BRI: Unlimited Calling	Line	Includes the following features: 1. Call Transfer-All Calls 2. Call Hold 3. Three-Way Calling 4. Intercom (Station-to-Station Dialing) 5. Direct Inward and Outward Dialing 6. Access Codes 7. Call Forwarding 8. Call Waiting

B.2.2.2.3 CSVS Features

CSVS offers features for both Usage-Based and CONUS to CONUS or within the same OCONUS country/jurisdiction Unlimited Plan scenarios. Tables B.2.2.2.3.1 and B.2.2.2.3.2 shall be used to provide pricing for all features. The pricing instructions are categorized as follows:

1. General Features: Available to both six-second increment Usage-Based and Unlimited CONUS to CONUS or within the same OCONUS country/jurisdiction Plans.
2. Unlimited CONUS to CONUS or within the same OCONUS country/jurisdiction Plans:
   a) Basic Subscriber Line.
   b) ISDN PRI.
   c) ISDN BRI.

Where features are offered on other than CONUS to CONUS calls, the following pricing rules shall apply:

1. For features where normal call charges (basic service charges) also apply, the price applicable to the called country/jurisdiction (as determined by the called number) shall be used.
2. For features where normal call charges (basic service charges) do not apply, the price applicable to the calling country/jurisdiction shall be used (e.g., if locator service is offered in a specific country/jurisdiction, then the per-call price for that country/jurisdiction shall be used).

B.2.2.2.3.1 CSVS Features CONUS Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items

B.2.2.2.3.2 CSVS Features OCONUS and Non-Domestic Prices Table

CLIN	Case Number*	Task Order Number	Originating Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items

** Country/Jurisdiction IDs are provided in Table B.4.2.1

The following mandatory features, unless specified as optional, shall be priced for CSVS. This includes usage-based CONUS to CONUS per call and Unlimited Plan service categories.

B.2.2.2.3.3 CSVS General Features Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
	VS12410		Agency Recorded Announcements	Stored announcement	
VS14410			Authorization Codes/Post-paid Calling Card – Automated Verification	Automatic verification	Optional. Usage is billed via CSVS usage-based CLINs VS13010/VS13020.

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
					Normal call charges also apply to caller. Payphone surcharge applies to call made from payphones.
	VS12415		Caller ID	Number	If applicable
VS11420			General: Call Screening for Users – Class of Service (COS) and Restrictions	Restriction implemented or changed	
VS11425			Call Screening for Users – Code Block	Code block authorized or changed	Optional
VS11430	VS12430		Customized Network Announcement Intercept Scripts	Announcement	
		VS14420	Internal Agency Accounting Code	Call	Optional. Using Internal account identity code; normal call charges also apply to caller
		VS14425	Directory Assistance	Call	
VS11435	VS12435		Suppression of Calling Number Delivery	Implementation	NSP. Feature may be administered by number and/or by location

B.2.2.2.3.4 CSVS Unlimited CONUS or OCONUS Calling Plan Features Pricing Instructions

The following features are mandatory in addition to features specified in Table B.2.2.2.2.2, unless otherwise specified, for CSVS Unlimited CONUS or OCONUS Calling Plans. Pricing Instructions are provided per Unlimited CONUS or OCONUS Calling Plan.

B.2.2.2.3.4.1 CSVS Unlimited CONUS or OCONUS Plan-Basic Subscriber Line Features Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
VS11130	VS12130	Basic Subscriber Line: Multi Appearance Directory Number	Line	
VS11135	VS12135	Basic Subscriber Line: Voice Mail	Line	
VS11140	VS12140	Basic Subscriber Line: MLPP Feature	Line	Optional. Multi-Level Precedence and Preemption

B.2.2.2.3.4.2 CSVS Unlimited CONUS or OCONUS Plan-ISDN PRI Features Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
VS11230	VS12230	ISDN PRI: Backup of Shared-D Channel	Trunk	
VS11215	VS12215	ISDN PRI: Telephone Number Assignment and Maintenance	Number	
VS11220	VS12220	ISDN PRI: Voice Mail	Trunk	
VS11225	VS12225	ISDN PRI: MLPP Feature	Trunk	Optional. Multi-Level Precedence and Preemption
VS11235	VS12235	ISDN PRI: Block of 10 DID Numbers Assignment and Maintenance	Block	
VS11240	VS12240	ISDN PRI: Block of 100 DID Numbers Assignment and Maintenance	Block	
VS11245	VS12245	ISDN PRI: Block of 1000 DID Numbers Assignment and Maintenance	Block	

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
VS11250		ISDN PRI: DID Number Capture	Number	NSP. CLIN shall be ordered as many times as necessary to record all detailed information required in Section J.2 for each DID Number ordered via VS11235, VS11240, or VS11245.

B.2.2.2.3.4.3 CSVS Unlimited CONUS or OCONUS Plan- ISDN BRI Features Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
VS11315	VS12315	ISDN BRI: Multi Appearance Directory Number	Line	
VS11320	VS12320	ISDN BRI: Voice Mail	Line	
VS11325	VS12325	ISDN BRI: MLPP Feature	Line	Optional. Multi-Level Precedence and Preemption

B.2.2.2.4 CSVS Task Order Unique CLINs

Table B.2.2.2.4.1 provides the format for pricing TUCs for CSVS. Table B.2.2.2.4.2 provides CSVS TUC pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.2.2.4.1 CSVS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.2.4.2 CSVS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
VS99990	VS99991	VS99992	CSVS Task Order Unique	ICB	ICB

B.2.2.3 Toll Free Service

The technical requirements for Toll-Free Service (TFS) are defined in Section C.2.2.3. Note that TFS is for inbound calls only.

B.2.2.3.1 TFS Price Structure

TFS access may be 1) switched (i.e., off-net switched access, or switched access with pre- subscription to the contractor designated as on-net switched access), 2) dedicated, or 3) IP termination. TFS pricing does not include a separate price element for switched access. For calls originated over a switched access arrangement, the originating and terminating access costs shall be included in the transport pricing. For calls originated over a dedicated access arrangement, the dedicated access costs are not included in TFS pricing and are not covered in this section. Where dedicated access is used to connect the SDP to the contractor's designated connecting POP, dedicated access prices shall be provided in accordance with Section B.2.9. Prices for any associated SRE shall be provided in accordance with Section B.2.10.

B.2.2.3.1.1 Mandatory Price Structure

The mandatory price structure for TFS includes the following elements:

1. Transport usage (includes switched originating access cost, and/or terminating access costs, as applicable) per six-second increment
2. Payphone surcharge per call
3. Feature charges

Transport prices shall be usage-based in six-second increments. The following types of calls are differentiated:

1. Domestic to domestic
2. Non-domestic to domestic

The minimum required number of six-second billing increments per initial period for all calls is defined below in Table B.2.2.3.1.1.1. These minimum billing increments apply to all usage-based billing associated with a TFS call.

B.2.2.3.1.1.1 Minimum Billing Increments for Usage-Based Billing

From	To	Minimum Increments Per Call
Domestic	Domestic	One
Non-domestic	Domestic	Five

Any charges for dedicated access arrangements shall not be included in TFS pricing, but shall be provided as described in Section B.2.9.

B.2.2.3.1.2 Optional Price Structure

The TFS optional price structure shall either use pricing element (1) below, or both pricing elements (1) and (2):

1. Flat monthly rate for transport usage (includes a pre-determined number of maximum allowable minutes per month).
2. Transport usage per additional six-second increment for minutes of use above the maximum allowed per month.

If offered, flat rate pricing shall be provided on a per SDP basis, for calls between locations in CONUS, Alaska, and Hawaii; other OCONUS and non-domestic usage shall be charged as shown in Section B.2.2.3.3.3, and features as shown in Section B.2.2.3.4.

B.2.2.3.2 TFS Access Prices

Originating switched access costs for TFS shall be included in transport prices found in Section B.2.2.3.3. Charges for dedicated access arrangements shall be provided as described in Section B.2.9.

B.2.2.3.3 TFS Transport Prices

Tables B.2.2.3.3.1.1 through B.2.2.3.3.3.1 define the format for transport pricing information for TFS domestic and non-domestic connections. All TFS transport prices shall be billed in six-second increments unless otherwise offered optionally. A minimum number of billing increments per call for transport shall be set at the levels defined in Table B.2.2.3.1.1.1.

B.2.2.3.3.1 Mandatory Price Structure

Table B.2.2.3.3.1.1 provides the formats for pricing information for TFS domestic usage prices. Table B.2.2.3.3.1.2 provides applicable charging mechanisms and charging units for TFS domestic usage prices.

B.2.2.3.3.1.1 TFS Domestic Usage Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.3.3.1.2 TFS Transport Pricing Instructions Table

Usage CLIN	Description	Charging Unit
TF04001	TFS Transport Usage – Switched access termination	6 seconds
TF04002	TFS Transport Usage – Dedicated access termination	6 seconds
TF04003	TFS Transport Usage – IP access termination	6 seconds

Table B.2.2.3.3.1.3 provides the formats for pricing information for domestic payphone surcharge prices. Table B.2.2.3.3.1.4 provides applicable charging mechanisms and charging units for domestic payphone surcharge prices. The payphone surcharge shall apply only to 800 calls originated from a payphone.

B.2.2.3.3.1.3 Domestic Payphone Surcharge Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.3.3.1.4 Domestic Payphone Surcharge Pricing Instructions Table

Usage CLIN	Description	Charging Unit
TF04051	Payphone Surcharge	call

B.2.2.3.3.2 Optional Price Structure

Table B.2.2.3.3.2.1 provides the formats for pricing information for TFS CONUS, Alaska, and Hawaii flat rate prices. Table B.2.2.3.3.2.2 provides applicable charging mechanisms and charging units for TFS CONUS, Alaska, and Hawaii flat rate prices.

B.2.2.3.3.2.1 TFS CONUS, Alaska, and Hawaii Flat Rate Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.3.3.2.2 TFS CONUS, Alaska, and Hawaii Flat Rate Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
TF04201	TFS Flat Rate: Switched access termination up to TBD minutes	Month	ICB
TF04202	TFS Flat Rate: Dedicated access termination up to TBD minutes	Month	ICB
TF04203	TFS Flat Rate: IP access termination up to TBD minutes	Month	ICB

Overage charges shall be applied for minutes exceeding the maximum allowed per month. Table B.2.2.3.3.2.3 provides the formats for pricing information for TFS usage overage charges. Table B.2.2.3.3.2.4 provides applicable charging mechanisms and charging units for TFS usage overage charges.

B.2.2.3.3.2.3 TFS CONUS, Alaska, and Hawaii Overage Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.3.3.2.4 TFS CONUS, Alaska, and Hawaii Overage Pricing Instructions Table

Usage CLIN	Description	Charging Unit	Notes
TF04401	TFS Overage: Switched access termination over TBD minutes	6 seconds	ICB
TF04402	TFS Overage: Dedicated access termination over TBD minutes	6 seconds	ICB
TF04403	TFS Overage: IP access termination over TBD minutes	6 seconds	ICB

B.2.2.3.3.3 Non-Domestic Price Structure

Table B.2.2.3.3.3.1 provides the formats for pricing information for TFS non-domestic usage prices. Table B.2.2.3.3.1.2 provides the applicable charging mechanisms and charging units for TFS non-domestic transport prices.

B.2.2.3.3.3.1 TFS Non-Domestic to Domestic Transport Prices Table

CLIN	Task Order Number	Originating Country / Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* See Table B.4.2.1 for Country/Jurisdiction IDs

B.2.2.3.4 TFS Features

Table B.2.2.3.4.1 provides the formats for pricing information for TFS features. Table B.2.2.3.4.2 provides applicable charging mechanisms and charging units for TFS features.

Where features are offered non-domestically, the following pricing rules shall apply:

1. For features where normal call charges (basic service charges) also apply, the price applicable to the called country/jurisdiction (as determined by the called number) shall be used.
2. For features where normal call charges (basic service charges) do not apply, the price applicable to the calling country/jurisdiction shall be used (e.g., if locator service is offered in a specific country/jurisdiction, then the per-call price for that country/jurisdiction shall be used).

B.2.2.3.4.1 TFS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

** Applies only to ICB CLINs

B.2.2.3.4.2 TFS Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
TF90001	TF90101		Agency-Based Routing Database (Host Connect)	Arrangement	
		TF90201	Agency-Based Routing Database (Host Connect)	Database Lookup	
		TF90202	Alternate Routing (Cascade Routing)	Each	NSP
TF90003	TF90103		ANI (Automatic Number Identification)	Number	NSP
		TF90204	ANI Based Routing	Each	
TF90005	TF90105		Announced Connect	Number	

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
TF90006	TF90106		Announcements (English/Spanish)	Announcement	NRC is initiation/change charge
TF90007	TF90107		Announcements (Other Languages)	Announcement	Optional. NRC is initiation/change charge.
		TF90208	Announcements (Initial 30 seconds played)	Announcement played initial 30 seconds	
		TF90209	Announcements (Each additional 6 seconds played)	Announcement played each additional 6 seconds	
TF90010	TF90110		Menu Routing (English/Spanish)	Announcement	Does not apply to generic (pre-recorded) announcements
TF90011	TF90111		Menu Routing (Other Languages)	Announcement	Optional
		TF90212	Menu Routing (Initial 30 seconds played)	Announcement played initial 30 seconds	
		TF90213	Menu Routing (Each additional 6 seconds played)	Announcement played each additional 6 seconds	
TF90014	TF90114		Call Redirection (Toll-Free Number)	Number	NRC is initiation/change charge
		TF90215	Call Redirection (Blind transfer)	Call	Normal TFS charges apply to a call redirected to a Toll Free number
		TF90216	Call Redirection (Verified not-busy or conference call transfer)	Call	Normal TFS charges apply to a call redirected to a Toll Free number
	TF90117		Call Redirection (Toll-Free Number Speed Dial Storage)	Number	
TF90018	TF90118		Computer Telephony Integration (CTI) - Application	Application	ICB

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
TF90019			Computer Telephony Integration (CTI) - Change	Change	ICB
	TF90120		Custom Call Records	Report	Charge applies to reports based on predefined record content
		TF90021	Custom Call Records	Minute	
TF90022			Day of Week Routing	Each	NSP
TF90023			Day of Year Routing (Holiday Routing)	Each	NSP
TF90024	TF90124		In Route Announcements (English/Spanish)	Announcement	Does not apply to generic (pre-recorded) announcements
TF90025	TF90125		In Route Announcements (Other Languages)	Announcement	Optional. Does not apply to generic (pre-recorded) announcements
		TF90226	In Route Announcements (Initial 30 Seconds)	Announcement Played initial 30 seconds	
		TF90227	In Route Announcements (Each Additional 6 Seconds)	Announcement Played additional 6 seconds	
TF90028			Vanity Toll Free Number	Number	Optional, NSP. The contractor shall provide agency-requested "vanity" toll-free numbers (e.g., 1-800-CALL-GSA), if available.
TF90031			Interactive Voice Response (IVR) Dedicated or Shared	Application	ICB
	TF90132		Interactive Voice Response (IVR) Dedicated	Port	
		TF90232	Interactive Voice Response (IVR) Shared	6 seconds	
	TF90138		Language Interpretation Service (Spanish)	Month	
		TF90239	Language Interpretation Service (Spanish)	Minute	

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
	TF90140		Language Interpretation Service (Other Languages)	Month	Optional, ICB
		TF90241	Language Interpretation Service (Other Languages)	Minute	Optional, ICB
TF90042			Make Busy Arrangement	Each	NSP. For use with dedicated access facilities only
TF90043	TF90143		Network Call Distributor – Host-based	Concurrent user	ICB. The concurrent user count for pricing is the maximum number of simultaneous users.
TF90044	TF90144		Network Call Distributor – Premises-based	Concurrent user	ICB. The concurrent user count for pricing is the maximum number of simultaneous users
TF90045			Network Queuing - Per Toll Free Number	Service Initiation	Optional
	TF90146		Network Queuing - Per Toll Free Number	Number	Optional
		TF90247	Network Queuing - Per Toll Free Number	6 seconds	Optional
TF90048			NPA/NXX Routing	Each	NSP
TF90049	TF90149		Office Locator Database	Application	NRC is initiation charge
TF90050			Office Locator Database Service Change	Application	
TF90053			Percentage Call Allocation	Each	NSP
TF90054			Real Time Reporting	Each	
	TF90155		Real Time reporting, unlimited access	Month	
		TF90256	Routing Control (Initial hour)	Initial hour or fraction thereof for terminal connect time in a billing month	

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
		TF90257	Routing Control (Additional minutes)	Additional minute of terminal connect time in a billing month	
TF90058	TF90158		Service Assurance Routing	Arrangement	NRC is initiation charge
TF90059			Speech Recognition - Shared or Dedicated	Application	ICB
		TF90260	Speech Recognition – Shared	6 seconds	
	TF90261		Speech Recognition – Dedicated	Port	
TF90062			Tailored Call Coverage per Toll-Free Number	Number	
	TF90163		Tailored Call Coverage per Toll-Free Number	Number	
TF90064			Time of Day Routing	Each	NSP
TF90065			Virtual Call Queue	Service Initiation	
	TF90166		Virtual Call Queue	Arrangement	ICB
		TF90267	Virtual Call Queue	Call	
TF90069	TF90169		Enhanced Transfer	Arrangement	
		TF90270	Blind Transfer	Transfer	Requires Enhanced Transfer arrangement
		TF90271	Supervised Transfer	Transfer	Requires Enhanced Transfer arrangement
		TF90272	Conference Transfer	Transfer	Requires Enhanced Transfer arrangement
TFS Features: Reports					
TF99001	TF99101		Call Status Report – Toll-Free Service	Report	
TF99002	TF99102		Call Status Report – Alternate Routing	Report	

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
TF99003	TF99103		Call Status Report – Announcement	Report	
TF99004	TF99104		Call Status Report – Call Prompter	Report	
TF99005	TF99105		Call Status Report – IVR	Report	
TF99006	TF99106		Caller Information Report	Report	
TF99007	TF99107		Caller Profile Report	Report	
TF99008	TF99108		Call Redirection Report	Report	Optional
TF99209			Custom Reporting	Report	ICB

B.2.2.3.5 TFS Task Order Unique CLINs

Table B.2.2.3.5.1 provides the format for pricing TUCs supported by TFS. Table B.2.2.3.5.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.2.3.5.1 TFS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.3.5.2 TFS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
TF99990	TF99991	TF99992	TFS Task Order Unique	ICB	ICB

B.2.2.4 Circuit Switched Data Service

The technical requirements for Circuit Switched Data Service (CSDS) are defined in Section C.2.2.4.

B.2.2.4.1 Circuit Switched Data Service Price Structure

CSDS data calls shall be priced based on one or more of three components: 1) originating access, 2) transport, and 3) features. Originating access may be switched (i.e., off-net switched access or switched access with pre-subscription to contractor, designated as on-net switched access) or dedicated. For calls originated over a

switched access arrangement, the originating and terminating access costs shall be included in the transport pricing. For calls originating over a dedicated access arrangement, the dedicated access costs are not included in CSDS pricing and are not covered in this section. Price tables for dedicated access arrangements are located in Section B.2.9.

Any SRE required for the contractor's provision of CSDS dedicated access is located in Section B.2.10. All other CSDS-related price tables are located in this section. With the exception of any dedicated access costs at the call terminating location, all other terminating access costs shall be included in the transport pricing. Transport prices shall be usage-based in six-second increments.

The minimum required initial billing period for all calls shall not exceed the number of six-second increments shown in Table B.2.2.4.1.1. This applies to all usage-based billing associated with a CSDS call.

B.2.2.4.1.1 Minimum Billing Increments for Usage-Based Billing on Circuit Switched Data Service Calls Table

From	To	Minimum Increments for Initial Period
Domestic	Domestic	1
Domestic	Non-domestic	3
Non-domestic	Domestic, Non-domestic	5

B.2.2.4.1.2 CONUS to CONUS Circuit Switched Data Service Pricing Components

For all CONUS to CONUS calls (i.e., calls that originate and terminate at CONUS locations) two different call types shall be priced: 1) for calls using switched originating access and 2) for calls using dedicated originating access. Each call type shall be postalized across all CONUS locations, and shall not include a time-of-day price differential.

B.2.2.4.1.3 OCONUS and Non-Domestic Circuit Switched Data Service Pricing Components

B.2.2.4.1.3.1 CONUS to OCONUS and Non-Domestic Calls

The basic service price for CSDS connections that originate from a CONUS location at one end and terminate at a OCONUS or non-domestic location at the other shall be priced on a basis similar to CONUS calls (i.e., two different call types shall be priced

per terminating non-CONUS country/jurisdiction): 1) pricing for calls using switched originating access, and 2) pricing for calls using dedicated originating access.

Switched originating access costs shall be included in the transport pricing; dedicated originating access costs are not included in CSDS pricing and are not covered in this section. Price tables for dedicated access and any associated SRE are located in Sections B.2.9 and B.2.10. All other terminating access costs shall be included in the transport pricing. Transport prices shall be usage-based in six-second increments, with per-call minimum increments as defined in Table B.2.2.4.1.1. Pricing shall be provided on a per-termination country/jurisdiction basis. No time-of-day pricing differential shall be permitted.

B.2.2.4.1.3.2 OCONUS or Non-Domestic to CONUS Calls

The basic service price for CSDS connections that originate from an OCONUS or non-domestic location at one end and terminate at a CONUS location at the other shall be priced on a basis similar to CONUS to CONUS calls, i.e., two different call types shall be priced per-originating OCONUS or non-domestic country/jurisdiction: 1) pricing for calls using switched originating access and 2) pricing for calls using dedicated originating access. Pricing shall be provided on a per-originating country/jurisdiction basis. No time-of-day pricing differential shall be permitted. Switched originating access costs shall be included in the transport pricing. Dedicated originating access costs are not included in CSDS pricing and are not covered in this section. Any charges for domestic dedicated access arrangements at the terminating location are not included in the CSDS pricing. All other originating and terminating access costs shall be included in the transport pricing. Transport prices shall be usage-based in six-second increments, with per-call minimum increments as defined in Table B.2.2.4.1.1.

Pricing shall be provided on a per-originating country/jurisdiction basis. No time-of-day pricing differential shall be permitted.

B.2.2.4.1.3.3 OCONUS or Non-Domestic to OCONUS or Non-Domestic Calls

The basic service price for CSDS connections that originate from an OCONUS or non-domestic location at one end and terminate at an OCONUS or non-domestic location at the other shall be priced on a basis similar to CONUS to CONUS calls, i.e., two different call types shall be priced per-originating OCONUS or non-domestic country/jurisdiction: 1) pricing for calls using switched originating access and 2) pricing for calls using dedicated originating access. Switched originating access costs shall be included in the transport pricing; dedicated originating access costs are not included in CSDS pricing and are not covered in this section. Any charges for OCONUS or non-domestic dedicated access arrangements at the terminating location are not included in the CSDS pricing. All other originating and terminating access

costs shall be included in the transport pricing. Transport prices shall be usage-based in six-second increments, with per call minimum increments as defined in Table B.2.2.4.1.1.

Transport pricing shall be listed on a country/jurisdiction-to-country/jurisdiction basis between the countries/jurisdictions involved in the call. No time-of-day pricing differential shall be permitted.

B.2.2.4.2 Circuit Switched Data Service Access Prices

Originating and/or terminating switched access costs for CSDS shall be included in transport prices found in Section B.2.2.4.3. Pricing for a domestic dedicated access arrangement connection to the CSDS transport network may be provided in Section B.2.9. No separate CSDS pricing shall be permitted for terminating access.

B.2.2.4.3 Circuit Switched Data Service Transport Prices

Tables B.2.2.4.3.2 through Table B.2.2.4.3.5 define the formats for transport pricing information for CSDS domestic and non-domestic connections. Pricing instructions are provided in B.2.2.4.3.6. All CSDS transport prices shall be billed in six-second increments. A minimum number of billing increments per call for transport shall be set at the levels defined in Table B.2.2.4.1.1. The pricing tables applicable to all categories of OCONUS or non-domestic transport (outbound, inbound, and OCONUS or non-domestic to OCONUS or non-domestic) are listed in Table B.2.2.4.3.1.

B.2.2.4.3.1 *OCONUS and Non-Domestic Transport Category Price Table Cross-Reference*

From Location	To Location	Table
CONUS	CONUS	B.2.2.4.3.2
CONUS	OCONUS or Non-Domestic	B.2.2.4.3.3
OCONUS or Non- Domestic	CONUS	B.2.2.4.3.4
OCONUS or Non- Domestic	OCONUS or Non-Domestic	B.2.2.4.3.5

CONUS CSDS usage pricing shall be based on a fixed per six-second charge for all local toll and long distance calls.

B.2.2.4.3.2 Circuit Switched Data Service CONUS Transport Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.4.3.3 Circuit Switched Data Service CONUS to OCONUS or Non-Domestic Transport Prices Table

CLIN	Task Order Number	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.4.3.4 Circuit Switched Data Service OCONUS or Non-Domestic to CONUS Transport Prices Table

CLIN	Task Order Number	Originating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.4.3.5 Circuit Switched Data Service OCONUS or Non-Domestic to OCONUS or Non-Domestic Transport Prices Table

CLIN	Task Order Number	Originating Country/ Jurisdiction ID*	Terminating Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.2.4.3.6 Circuit Switched Data Service Transport Pricing Instructions Table

Usage CLIN	Description	Charging Unit
CS20001	Switched Access, DS0 origination	6 second increment
CS20101	Dedicated Access, DS0 origination	6 second increment

B.2.2.4.4 Circuit Switched Data Service Task Order Unique CLINs

Table B.2.2.4.4.1 provides the format for pricing CSDS TUCs. Table B.2.2.4.4.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.2.4.4.1 Circuit Switched Data Service TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.2.4.4.2 Circuit Switched Data Service TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CS99990	CS99991	CS99992	CSDS Task Order Unique	ICB	ICB

B.2.3 Contact Center Service

The technical requirements for Contact Center Service (CCS) are defined in Section C.2.3.

B.2.3.1 CCS Price Structure

The mandatory price structure for CCS varies by type of service and includes the following elements:

1. NRC for one-time service initiation charge
2. NRC based on the number of concurrent agents
3. MRC based on the number of concurrent agents
4. Feature Charges (composed of NRC, MRC, and/or Usage Charges)

Pricing for access and transport required to connect to the contractor's network shall not be included in CCS pricing.

The contractor shall use the SRE Catalog pricing for all necessary equipment described in Section B.2.10, including terminal devices and software for CCS.

B.2.3.2 CCS Basic Service Prices

CCS basic service shall apply only to inbound voice calls, and shall exclude network connectivity services (e.g., PSTN and data network connectivity services). Additional components, such as Interactive Voice Response (IVR), email, text chat (web chat), and web collaboration, shall be priced as CCS features.

A terminal device is a phone, IP phone or soft phone that is installed and configured in the contact center. An IVR shall not be considered as a terminal device. An agent is a call answering resource that is logged into the call routing system (e.g., the ACD) at the same time as other call answering resources. The number of concurrent agents is always less than or equal to the number of terminal devices and equates to the maximum number of simultaneous agents.

For all the CCS delivery methods, the contractor shall provide an ICB NRC for a one-time service initiation charge that includes system design and integration and software development.

For the Premises-based CCS delivery method only, this ICB NRC shall additionally include the initial installation of any routing and distribution equipment. The contractor shall charge an NRC for each terminal device as defined in the SRE Catalog in Section B.2.10, and an NRC for each concurrent user.

For Premises-based, the contractor shall provide two types of NRCs for active agents:

1. Initial provisioning
2. Incremental provisioning

Premises-based NRCs for initial provisioning shall be determined from the corresponding volume range containing the number of active agents requested in the initial order. Premises-based NRCs for incremental provisioning have no volume bands.

The contractor shall also provide a Premises-based MRC for each active agent. For each contact center, the contractor shall determine the MRCs for each month from the corresponding volume range that contains the maximum number of active agents for that month.

Host-based NRCs will be used by agencies for both the initial and incremental (or subsequent) provisioning of terminal devices and concurrent users for their contact center. The Host-based NRC shall be determined from the corresponding volume range containing the number of concurrent users (active agents) in that order.

The contractor shall also provide a Host-based MRC for each terminal device as defined in the SRE Catalog in Section B.2.10 and an MRC for each active agent. For each contact center, the contractor shall determine the MRCs for each month from the corresponding volume range that contains the maximum number of active agents for that month.

Basic and Advanced Call Answering Service shall be priced as ICBs for both Premises-based and Host-based CCS services as appropriate.

B.2.3.2.1 Host-Based Call Management Service

Tables B.2.3.2.1.1 and B.2.3.2.1.2 provide the formats for pricing information for Host-based CCS. Tables B.2.3.2.1.3 and B.2.3.2.1.4 provide applicable charging mechanisms and charging units for Host-based CCS.

B.2.3.2.1.1 Host-Based Service Initiation Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.3.2.1.2 Host-Based Active Agents Prices Table

CLIN	Task Order Number	Band Low	Band High	Variable Price	Price Start Date	Price Stop Date

B.2.3.2.1.3 Host-Based Service Initiation Pricing Instructions Table

NRC CLIN	Description	Charging Unit	Notes
CC00001	Host-Based Service Initiation Charge	Service Initiation	ICB

B.2.3.2.1.4 Host-Based Active Agents Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit
CC00002	CC00102	Host-Based Call Management Active Agents	Active Agent

B.2.3.2.2 Premises-Based Call Management Service

Tables B.2.3.2.2.1 and B.2.3.2.2.2 provide the formats for pricing information for Premises-based CCS. Tables B.2.3.2.2.3 through B.2.3.2.2.5 provide applicable charging mechanisms and charging units for Premises-based CCS.

B.2.3.2.2.1 Premises-Based Service Initiation Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.3.2.2.2 Premises-Based Active Agents Prices Table

CLIN	Task Order Number	Band Low	Band High	Variable Price	Price Start Date	Price Stop Date

B.2.3.2.2.3 Premises-Based Service Initiation Pricing Instructions Table

NRC CLIN	Description	Charging Unit	Notes
CC00020	Premises-Based Service Initiation Charge	Service Initiation	ICB

B.2.3.2.2.4 Premises-Based Active Agents Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit
CC00021	CC00121	Premises-Based Call Management Active Agents	Active Agent

B.2.3.2.2.5 NRC for Incremental Premises-Based Active Agents Pricing Instructions Table

NRC CLIN	Description	Charging Unit
CC00030	Incremental Premises-Based Active Agents	Active Agent

B.2.3.2.3 CCS Call Answering Service

There are two CCS Call Answering Service types: 1) Premises-based and 2) Host-based. Host-based CCS has two types of call answering: 1) Basic Call Answering, and 2) Advanced Call Answering. Table B.2.3.2.3.1 provides the Premises-based and Host-based pricing information formats. Table B.2.3.2.3.2 provides the applicable charging mechanisms and charging units for Basic and Advanced Call Answering Service, which shall consist of the labor rates for various categories provided in Section B.2.11.

B.2.3.2.3.1 CCS Call Answering Service Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.3.2.3.2 CCS Call Answering Service Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
CC00050	CC00150	Premises-Based – Call Answering Service	Service initiation; Month	ICB
CC00051	CC00151	Host-Based – Call Answering Service	Service initiation; Month	ICB

B.2.3.2.4 CCS Feature Prices

Table B.2.3.2.4.1 provides the formats for pricing information for CCS features. Table B.2.3.2.4.2 and Table B.2.3.2.4.3 provide applicable charging mechanisms and charging units for the Host-based and Premises-based CCS features, respectively. Each feature table identifies all of the features that apply to a particular service delivery method. Table B.2.3.2.4.2 provides the list of features that apply to Host-based CCS, and Table B.2.3.2.4.3 provides features that apply to Premises-based CCS. Since some features apply to more than one service delivery method, some feature CLINs appear in more than one pricing instructions table.

Each CLIN may have only one price in Table B.2.3.2.4.1 for a given date range. The Charging Unit column defines the charging unit, identifies the ICB CLINs, and identifies CLINs that are one-time charges at service initiation with the phrase “service initiation charge.” For the features with ICB NRCs, the contractor shall include application development in the NRCs. Custom Reporting is provided as an ICB feature CLIN.

Scheduled call answering resources are defined as the number of resources that will be managed using the Workforce Management feature.

Prices for the transcription requirements listed in the description of the IVR feature (Section C.2.2.3.2 Features, item #14) may be found in Section B.2.2.3.4 (TFS Features) with the pricing for the Call Prompter feature.

Usage CLINs have charging units of six-second increments.

B.2.3.2.4.1 CCS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.3.2.4.2 Host-Based CCS Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CC90001	CC90101		Call Recording and Monitoring – Host-Based	Service initiation; Month	ICB
CC90002	CC90102		Collaborative Browsing – Host-Based	Active agent	
CC90003	CC90103		CTI – Host-Based	Service initiation; Month	ICB
CC90004	CC90104		Customer Contact Application – Host-Based	Service initiation; active agent	ICB
CC90005	CC90105		Email Response Management – Host-Based	Active agent	
CC90006		CC90206	IVR – Shared	Service initiation; 6 seconds	ICB
CC90007		CC90207	IVR – Speech Recognition – Shared	Service initiation; 6 seconds	ICB
CC90008	CC90108		IVR – Agency Based Database (Host Connect) – Host-Based	Service initiation; port	ICB
CC90011			Language Interpretation Service – Host-Based	Service initiation	
		CC90212	Spanish Language Interpretation Service (DNBH*) – Host-Based	6 seconds	
		CC90213	Spanish Language Interpretation Service (ONBH**) – Host-Based	6 seconds	
		CC90214	Other Language Interpretation Service (DNBH*) – Host-Based	6 seconds	Optional, ICB
		CC90215	Other Language Interpretation Service (ONBH**) – Host-Based	6 seconds	Optional, ICB
CC90016			Outbound Dialer – Host-Based	Instance	
CC90017			Text Chat (Web Chat) – Host-Based	Instance	
CC90018			Web Call Back – Host-Based	Service initiation	
CC90019			Web Call Through – Host-Based	Service initiation	
CC90020	CC90120		Workforce Management – Host-Based	Scheduled call answering resource	

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CC90021	CC90121		Knowledge Management – Host-Based	Each	ICB
CC90022	CC90122		Custom Reporting – Host-Based	Report	ICB
CC90023	CC90123	CC90223	Virtual Call Queue – Host-Based	Service initiation; Arrangement; Call	MRC is ICB

* DNBH = During Normal Business Hours (8:00 a.m. to 5:00 p.m. Monday through Friday Eastern Time)
** ONBH = Outside Normal Business Hours (5:01 p.m. to 7:59 a.m. Monday through Friday and all day Saturday and Sunday Eastern Time)

B.2.3.2.4.3 Premises-Based CCS Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CC92001	CC92101		Call Recording and Monitoring – Premises-Based	Service initiation; Month	ICB
CC92002	CC92102		Collaborative Browsing – Premises-Based	Active agent	
CC92003	CC92103		Computer Telephony Integration (CTI) – Premises-Based	Service initiation; Month	ICB
CC92004	CC92104		Customer Contact Application – Premises-Based	Service initiation; Active agent	ICB
CC92005	CC92105		E Mail Response Management – Premises-Based	Active agent	
CC92006	CC92106		Interactive Voice Response (IVR) – Dedicated	Service initiation; Port	ICB
CC92007	CC92107		IVR – Speech Recognition – Dedicated	Service initiation; Port	ICB
CC92008	CC92108		IVR – Agency Based Database (Host Connect) – Premises-Based	Service initiation; port	ICB
CC92011			Language Interpretation Service – Premises-Based	Service initiation	
		CC92212	Spanish Language Interpretation Service (DNBH*) – Premises-Based	6 seconds	
		CC92213	Spanish Language Interpretation Service (ONBH**) – Premises-Based	6 seconds	
		CC92214	Other Language Interpretation Service (DNBH*) – Premises-Based	6 seconds	Optional, ICB

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
		CC92215	Other Language Interpretation Service (ONBH**) – Premises-Based	6 seconds	Optional, ICB
CC92016			Outbound Dialer – Premises-Based	Instance	
CC92017			Text Chat (Web Chat) – Premises-Based	Instance	
CC92018			Web Call Back – Premises – Based	Service initiation	
CC92019			Web Call Through – Premises-Based	Service initiation	
CC92020	CC92120		Workforce Management – Premises-Based	Scheduled call answering resource	
CC92021	CC92121		Knowledge Management – Premises-Based	Each	ICB
CC92022	CC92122		Custom Reporting – Premises-Based	Report	ICB
CC92023	CC92123	CC92223	Virtual Call Queue – Premises-Based	Service initiation; Arrangement; Call	MRC is ICB

* DNBH = During Normal Business Hours (8:00 a.m. to 5:00 p.m. Monday through Friday Eastern Time)
** ONBH = Outside Normal Business Hours (5:01 p.m. to 7:59 a.m. Monday through Friday and all day Saturday and Sunday Eastern Time)

B.2.3.3 CCS Task Order Unique CLINs

Table B.2.3.3.1 provides the format for pricing TUCs supported by CCS. Table B.2.3.3.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.3.3.1 CCS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.3.3.2 CCS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CC99990	CC99991	CC99992	CCS Task Order Unique	ICB	ICB

B.2.4 Colocated Hosting Service

The technical requirements for Colocated Hosting Service (CHS) are defined in Section C.2.4.

B.2.4.1 CHS Price Structure

The price structure for CHS includes the following elements:

1. NRC
2. MRC
3. Usage charges for additional bandwidth
4. Feature Charges

When access is required or requested by the customer, then the access prices in Section B.2.9 shall be used.

Prices for any associated SRE shall be provided in accordance with Section B.2.10.

B.2.4.2 CHS Basic Service Prices

The prices for CHS are applicable to all domestic locations. The contractor shall charge a monthly recurring charge for rack space (see Section C.2.4.1). This charge shall include all elements necessary to provide the services, such as building/facilities, power systems, fire suppression, cooling systems and security. The full rack space monthly price includes basic power options of 110V/208V/220V/240V, 20A/30A, single phase/three phase, as required. Non-basic power is ICB. Internet connectivity bandwidth to the government applications servers on the contractors' racks is priced separately. The contractor may charge an NRC for installation or initiation of service.

The monthly Internet usage shall be determined by the 95th percentile method, where the usage shall be measured daily every five minutes. The top 5% of monthly usage shall be discarded and the maximum usage remaining, representing the 95th percentile, shall be designated as the Internet usage amount for the month.

Table B.2.4.2.1 provides the format for pricing information for CHS. Instruction tables B.2.4.2.2 and B.2.4.2.3 provide the pricing information and charging units for CHS. The monthly Internet usage charge shall be based on the usage bands identified in Instruction table B.2.4.2.3. The customer may purchase SRE, such as a server or group of servers, from the SRE Catalog (see Section B.2.10).

B.2.4.2.1 CHS Basic Service Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Used for Individual Case Basis (ICB) priced items

B.2.4.2.2 CHS Pricing Instructions Table – Rack Space

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CH11003	CH12003		Full Rack Space*	Full Rack	6 shelves (72" x 19" x 32"). CH12003 Includes basic power.
CH11004	CH12004		Custom Colocation Center Build-out and Support	ICB	ICB
CH11005		CH13005	Non-Basic Power	ICB	ICB
CH11006	CH12006		Cross Connect (Twisted Pair)	Connection	
CH11007	CH12007		Cross Connect (Coax Cable)	Connection	
CH11008	CH12008		Cross Connect (Fiber)	Connection	
CH11009	CH12009		SCIF	Connection	ICB

* See Electronic Industry Association (EIA)-310 for rack space specifications

B.2.4.2.3 CHS Pricing Instructions Table – Internet Bandwidth Usage

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CH21002	CH22002		Dedicated burstable Internet bandwidth – maximum 10 Mbps, initial 1 Mbps	Connection	Requires CH23002
		CH23002	Dedicated burstable Internet bandwidth – usage above 1 Mbps up to and including 10 Mbps	1 Mbps	Requires CH21002 and CH22002
CH21003	CH22003		Dedicated burstable Internet bandwidth – maximum 100 Mbps, initial 10 Mbps	Connection	Requires CH23003
		CH23003	Dedicated burstable Internet bandwidth – usage above 10 Mbps up to and including 100 Mbps	10 Mbps	Requires CH21003 and CH22003
CH21004	CH22004		Dedicated burstable Internet bandwidth – maximum 1 Gbps, initial 100 Mbps	Connection	Requires CH23004

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
		CH23004	Dedicated burstable Internet bandwidth – usage above 100 Mbps up to and including 1 Gbps	100 Mbps	Requires CH21004 and CH22004
CH21005	CH22005		Dedicated burstable Internet bandwidth – maximum 10 Gbps, initial 1 Gbps	Connection	Optional. Requires CH23005
		CH23005	Dedicated burstable Internet bandwidth – usage above 1 Gbps up to and including 10 Gbps	1 Gbps	Optional. Requires CH21005 and CH22005
CH21006	CH22006		Specialized Dedicated Burstable Internet Bandwidth	Connection	ICB

B.2.4.3 CHS Feature Prices

Table B.2.4.3.1 provides the format for pricing the features supported by CHS. Instruction table B.2.4.3.2 provides the pricing information and charging unit. Note that those features that are not separately priced are identified by the term “NSP” in their price column.

B.2.4.3.1 CHS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.4.3.2 CHS Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
CH32001	CH31001	Basic Subscriber Line	Line	
CH32002	CH31002	Cabinets	Cabinet	ICB
CH32003	CH31003	Cages	Cage	ICB

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
CH32004	CH31004	Host Administrative Tasks	Server	On behalf of the agency, IDC staff shall intervene and perform minor unscheduled tasks including: 1. Rebooting of government-furnished equipment (limited to power cycling). 2. Manual entry of commands to servers from a keyboard. 3. Inspection and reading of alarm indicators and displays. 4. Securing cabling to connections. 5. Setting a dip switch. 6. Other minor tasks as appropriate.
	CH31010	Periodic Hardware Check (Ping)	Address	NSP
	CH31020	Reporting	Report	NSP. Price included in MRC (CH12003)

B.2.4.4 CHS Task Order Unique CLINs

Tables B.2.4.4.1 provides the format for pricing TUCs associated with CHS. Table B.2.4.4.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.4.4.1 CHS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.4.4.2 CHS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CH99990	CH99991	CH99992	CHS Task Order Unique	ICB	ICB

B.2.5 Cloud Service

B.2.5.1 Cloud Service Price Structure

The government requires a catalog pricing approach for these cloud service types:

1. The technical requirements for Infrastructure as a Service (IaaS) are defined in Section C.2.5.1.
2. The technical requirements for Platform as a Service (PaaS) are described in Section C.2.5.2.

3. The technical requirements for Software as a Service (SaaS) are described in Section C.2.5.3.

B.2.5.2 Cloud Service Catalog Requirements for Pricing Information

Cloud services represent a wide array of services and service variations. Many providers offer permutations and combinations of a core set of services, as well as special tailored services. The needs of users may vary considerably. Accordingly, for pricing purposes, contractors shall provide a Cloud Service Catalog consistent with the service requirements found in C.2.5, and with the pricing catalog requirements found in Section B.1.3.

The Cloud Service Catalog provided by the contractor shall, at a minimum, contain the data elements defined in the tables below.

When Cloud Service offerings include equipment, all related equipment or equipment features shall be identified and priced in accordance with the SRE requirements in Section B.2.10.

When Cloud Service-related labor is offered, then labor rates shall be specified and priced in accordance with Section B.2.11.

Otherwise, Cloud Service prices for non-labor and non-SRE elements shall be determined from the catalog based on the information required as shown in Table B.2.5.2.1 below. The contractor shall identify the trade name(s) for the OLP. Charging mechanisms for the Cloud Service Catalog are provided in Table B.2.5.2.3.

Additional discounts or reduced prices may be negotiated at the time of TO award between the ordering agency and the contractor.

B.2.5.2.1 Cloud Service Catalog – Service Specification Table

CLIN	Case Number	Service Description*	Vendor Unique ID (e.g., SKU)**	OLP	No List Price***	Service Class ID	Start Date	Stop Date	End of Sale Date****	End of Life Date*****	Notes
						(from Table B.2.5.2.2)					

* Descriptions shall be sufficiently complete that all capabilities and limitations of the cloud service, as priced, are clear to the government

** Vendor Unique ID is any method of unambiguously identifying items in the catalog.

*** "T" if the price appearing in the OLP column is not an official list price, "F" otherwise

**** The End of Sale Date shall be the effective date after which an item may no longer be purchased. Stop Date shall not be later than End of Sale Date.

***** The End of Life Date shall be the effective date after which an item is no longer supported by the contractor

The discount to be applied to the OLP is determined by the Service Class, the elements of which are shown below in Table B.2.5.2.2. The Cloud Service NRC, MRC and/or Usage price shall be the OLP, less the discount for the service class. If no Official List Price exists, the contractor shall specify its price in the OLP column, populate the No List Price column with “T”, and assign a Service Class ID where the discount is 0% (i.e., Service Class 1000).

B.2.5.2.2 Cloud Service Catalog – Service Class Discount Table

Service Class ID*	Service Class Description**	Task Order Number	Percentage Discount from OLP	Start Date	Stop Date
1000	Non-discounted		0		
1001					
…					
1999					

* The number of service classes shall be selected by the contractor from within the range shown
** The service class description and the percentage discount for each service class shall be constant and fixed through the life of the contract, unless changed by contract modification (the Start and Stop Dates shall only apply when a change is caused by contract modification).

The Service Class discount and catalog price shall not vary by geographic location.

B.2.5.2.3 Cloud Service Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
IA90001	NRC	IaaS Cloud Service Catalog Item	ICB	ICB
IA90002	MRC	IaaS Cloud Service Catalog Item	ICB	ICB
IA90003	Usage	IaaS Cloud Service Catalog Item	ICB	ICB
PA90001	NRC	PaaS Cloud Service Catalog Item	ICB	ICB
PA90002	MRC	PaaS Cloud Service Catalog Item	ICB	ICB
PA90003	Usage	PaaS Cloud Service Catalog Item	ICB	ICB
SS90001	NRC	SaaS Cloud Service Catalog Item	ICB	ICB
SS90002	MRC	SaaS Cloud Service Catalog Item	ICB	ICB
SS90003	Usage	SaaS Cloud Service Catalog Item	ICB	ICB

B.2.5.2.4 Cloud Service Task Order Unique CLINs

The tables below provide the format and instructions for pricing Cloud Service TUCs. TUCs shall be used as defined in Section B.1.2.15.

B.2.5.2.4.1 Cloud Service TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.5.2.4.2 Cloud Service TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
IA99990	IA99991	IA99992	IaaS Task Order Unique	ICB	ICB
PA99990	PA99991	PA99992	PaaS Task Order Unique	ICB	ICB
SS99990	SS99991	SS99992	SaaS Task Order Unique	ICB	ICB

B.2.5.3 Content Delivery Network Service

The technical requirements for Content Delivery Network Service (CDNS) are defined in Section C.2.5.4. CDNS data transfer pricing is based on the Content Delivery Network (CDN) node location from where the transfers are served, not the end user's location. All transfers shall be serviced from a CONUS location.

B.2.5.3.1 CDNS Price Structure

CDNS shall be priced based on a banded price structure. Prices for a given usage level shall be calculated by summing the bands for all lesser usage bands times their unit price per band, and then adding the increment of usage above the band minimum within the band where the given usage falls times the band unit price. These prices shall not include the cost of reading data from storage and transferring data from storage to CDN.

The CDNS price table shall be completed using the contractor's banding structure. In order to correctly price the cumulative price bands, each band shall include a fixed price and a variable price component. Table B.2.5.3.1.1 provides the price table followed by an example of the banding structure.

B.2.5.3.1.1 CDNS Price Table

CLIN	Task Order Number	Band Low	Band High	Fixed Price Element	$/GB Variable Price Element	Price Start Date	Price Stop Date

Table B.2.5.3.1.1.1 provides a CDNS pricing example that includes 4 bands. Using Table B.2.5.3.1.1, the price (P) for a given amount of data transferred (T) shall be determined by the formula $P_n = F_n + (T-L_n)*V_n$ where n is the number of the price table row where T lies within the Band Low and Band High, according to the rules specified in Section B.1.2.4.

B.2.5.3.1.1.1 CDNS Pricing Example

CLIN	Task Order Number	Band Low	Band High	Fixed Price Element	$/GB Variable Price Element	Price Start Date	Price Stop Date
		$L_1=0$	H_1	$F_1=0$	V_1		
		L_2	H_2	$F_2=H_1*V_1$	V_2		
		L_3	H_3	$F_3=F_2+(H_2-H_1)*V_2$	V_3		
		L_4	H_4	$F_4=F_3+(H_3-H_2)*V_3$	V_4		

The contractor shall complete the CDNS price table using its banding structure. Table B.2.5.3.1.2 provides the applicable charging mechanisms and charging units.

B.2.5.3.1.2 CDNS Pricing Instructions Table

Usage CLIN	Description	Charging Unit
CD00100	CDNS Outbound Data	GB

B.2.5.3.2 CDNS Task Order Unique CLINs

The tables below provide the format and instructions for pricing CDNS TUCs. TUCs shall be used as defined in Section B.1.2.15.

B.2.5.3.2.1 CDNS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.5.3.2.2 CDNS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CD99990	CD99991	CD99992	CDNS Task Order Unique	ICB	ICB

B.2.6 Wireless Service

The technical requirements for Wireless Service (MWS) are defined in Section C.2.6. These include services offered by the cellular industry.

The price structure for MWS includes the following elements:

1. NRC
2. MRC
3. Usage charges

All MRC prices are per device unless specified otherwise. Features are normally separately priced, although some features are defined as NSP. Domestic roaming fees and domestic roaming usage charges are not permitted. For MWS, domestic is defined as the contiguous United States, Alaska, Hawaii, Puerto Rico, and the U.S. Virgin Islands.

Bandwidth throttling (intentional slowing of data speeds by the service provider) is not permitted.

A contractor may prohibit unlimited data add-on or data only plans from being purchased for machine-to-machine (M2M) or similar types of applications (e.g., automated video feeds), or as a substitute for a private line or a dedicated data connection. In these cases, the customer may purchase a limited data add-on or data only plan or obtain an M2M plan.

Services may be suspended by a customer up to the maximum number of days allowed per 47 C.F.R. 52.15(f)(1)(vi) (180 days as of May 2015) without incurring any fees, subscription or usage charges during the suspension period.

B.2.6.1 Domestic Mobile Voice Service

The Domestic Mobile Voice Service listed below can be ordered as a standalone service or with Data Add-on Services.

B.2.6.1.1 Domestic Mobile Voice Service Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.6.1.2 Domestic Mobile Voice Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
WL00001	MRC	Unlimited voice with unlimited SMS and MMS messaging services.	Line	
WL00009	MRC	Emergency Service Plan	Line	Optional ICB

B.2.6.2 Domestic Mobile Data Add-on Services

All Mobile Data Add-on Services (for smart phones) must be ordered with Voice Service. A personal hotspot shall be included at no additional cost with all Mobile Data Add-on Plans, except Unlimited Data.

The data allocations from all plans except Unlimited Data are pooled or added together across the agency(s) or entity(s) defined in the TO. Thus, if a 3 GB plan is ordered for one device and a 5 GB plan is ordered for another device, the pool of data that could be used between the two devices is 8 GB before any overages are paid. The contractor shall allocate overages only to those users who have exceeded their individual share of the pool, that is, without applying overage charges to any users who have not exceeded their own share. The data used for Personal Hotspots will be subtracted from the base Data Add-on plan except in the case of when the Personal Hotspot feature is ordered with the Unlimited Data Add-on plan. In that case, the data used will be subtracted from the Personal Hotspot data allowance (5 GB minimum). Any Personal Hotspot overages may be billed via CLIN WL00020 Pooling Overage for Data Add-on.

B.2.6.2.1 Domestic Mobile Data Add-on Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.6.2.2 Domestic Mobile Data Add-on Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit
WL00010	MRC	1 GB Data Add-on Pooling	Line
WL00011	MRC	3 GB Data Add-on Pooling	Line
WL00012	MRC	5 GB Data Add-on Pooling	Line
WL00013	MRC	10 GB Data Add-on Pooling	Line
WL00020	Usage	Pooling Overage for Data Add-on	GB
WL00030	MRC	Unlimited Data Add-on	Line

B.2.6.3 Domestic Mobile Data Only Service

Domestic Mobile Data Only Service may not be ordered with Domestic Mobile Voice Service. As with Data Add-on Services, the data allocations from all data only plans, except Unlimited Data, are pooled or added together across the agency or customer. A hotspot shall be included at no additional cost with all data only plans.

B.2.6.3.1 Domestic Mobile Data Only Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.6.3.2 Domestic Mobile Data Only Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit
WL00100	MRC	1 GB Data Only Pooling	Line
WL00101	MRC	3 GB Data Only Pooling	Line
WL00102	MRC	5 GB Data Only Pooling	Line

CLIN	Frequency	Description	Charging Unit
WL00103	MRC	10 GB Data Only Pooling	Line
WL00110	Usage	Pooling Overage for Data Only	GB
WL00120	MRC	Unlimited Data Only (may be limited to a single user per data session)	Line

B.2.6.4 Pricing Catalog Requirements

For Domestic to Non-Domestic and International Roaming services offered via a catalog, the contractor shall develop and maintain an online catalog of offerings and pricing in accordance with B.1.3.

The MWS catalogs provided by the contractor shall, at a minimum, contain the data elements defined in the tables below. For Domestic to Non-Domestic , this information includes the Country or Jurisdiction ID being called and the termination method (when there is a pricing difference between wireless and wireline termination). For International Mobile Roaming, it includes the Country or Jurisdiction ID from which a communications originated and the relevant number of minutes/texts/MBs. Other information may be provided by the contractor at its option.

Catalog prices for Domestic to Non-Domestic and for International Roaming shall be based on a discount from the Official List Price (OLP). The Class Discount ID determines the discount to be applied to the OLP. The contractor shall identify the trade name(s) for the OLP.

B.2.6.5 Domestic to Non-Domestic Mobile

The Domestic to Non-Domestic Mobile Catalog pricing in Table B.2.6.5.1 shall be based on a discount from the contractor's official supplier's best list price. Discount classes shall be specified in Table B.2.6.5.2. Charging mechanisms are provided in Table B.2.6.5.3. Catalog items using CLIN WL01001 shall be priced per minute.

B.2.6.5.1 Domestic to Non-Domestic Mobile Catalog Table

CLIN	Case Number	Plan Description	Terminating Country/ Jurisdiction ID*	OLP	OLP Type**	Class Discount ID***	Start Date	Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1
** Use "WIRELESS" if OLP column contains a wireless termination OLP, or "WIRELINE" if OLP column contains a wireline termination OLP
*** From Table B.2.6.5.2

B.2.6.5.2 Domestic to Non-Domestic Mobile Class Discount Table

Class Discount ID*	Class Description	Task Order Number	Percentage Discount from OLP	Start Date	Stop Date
2000					
…					
2999					

* The number of calling classes shall be selected by the contractor from within the range shown

B.2.6.5.3 Domestic to Non-Domestic Mobile Instruction Table

CLIN	Frequency	Description	Charging Unit	Notes
WL01001	Usage	Domestic to Non-Domestic Mobile Calling Catalog Item	Minute	ICB
WL01002	Usage	Domestic to Non-Domestic Mobile SMS Catalog Item	Message	ICB

B.2.6.6 International Mobile Roaming (Optional)

International Mobile Roaming plans (from Non-Domestic to either Domestic or Non-Domestic) shall cover voice calls, messaging, multimedia, and data. They may be purchased independently from any domestic service. There are two types of plans:

1) Data bucket and unlimited plans that cover one or more specified countries
2) Catalog plans

For all plans, the contractor shall provide website links to describe the following:

- The coverage within each country
- Any device requirements to obtain coverage in a country
- Partner Wi-Fi hotspots that are available at no extra cost

For each bucket and unlimited plan excluding the Canada & Mexico plan, the contractor shall list the countries included in the plan and maintain a website link to that list. If usage from a foreign country is included as part of a domestic service plan, then any usage from that country shall be billed against the domestic usage plan, and International Mobile Roaming charges are not applicable.

There are two options for pricing International Mobile Roaming: (1) the International Mobile Roaming Bucket and Unlimited Prices Table and (2) the International Mobile Roaming Catalog Table. The contractor shall price at least one of these two options.

B.2.6.6.1 International Mobile Roaming Bucket and Unlimited Prices Table (Option 1)

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.6.6.2 International Mobile Roaming Bucket and Unlimited Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
WL01100	MRC	**Canada & Mexico 150 MB Data**: 150 MB of data, unlimited messaging, and unlimited Wi-Fi.	Line	
WL01101	Usage	Data Overage per MB for Canada & Mexico 150 MB Data Plan	MB	
WL01102	Usage	Voice Access for Canada & Mexico 150 MB Data Plan	Minute	
WL01110	MRC	**Global* 300 MB Data**: 300 MB of data, unlimited messaging, and unlimited Wi-Fi.	Line	
WL01111	Usage	Data Overage for Global 300 MB Data Plan	MB	
WL01112	Usage	Voice Access for Global 300 MB Data Plan	Minute	
WL01120	MRC	**Global* 800 MB Data**: 800 MB of data, unlimited messaging, and unlimited Wi-Fi.	Line	Optional
WL01121	Usage	Data Overage for Global 800 MB Data Plan	MB	Optional
WL01122	Usage	Voice Access for Global 800 MB Data Plan	Minute	Optional
WL01130	MRC	**Global* Unlimited Data**: Unlimited non-domestic data, unlimited messaging, and unlimited Wi-Fi on partner networks.	Line	Optional
WL01131	Usage	Voice Access for Unlimited Data Plan	Minute	Optional

* Global coverage shall include, at a minimum, the following countries and territories: Canada, China, France, Germany, Guam, American Samoa, Commonwealth of Northern Marianas Islands, Midway Island, Wake Island, Israel, Japan, Mexico, Netherlands, and United Kingdom.

B.2.6.6.3 International Mobile Roaming Catalog Table (Option 2)

CLIN	Case Number	Plan Description	Originating Country / Jurisdiction ID*	OLP	Roaming Class ID**	Start Date	Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1
** ID from Table B.2.6.6.4

B.2.6.6.4 International Mobile Roaming Class Discount Table

Roaming Class ID*	Class Description	Task Order Number	Percentage Discount from OLP	Start Date	Stop Date
3000					
…					
3999					

* The number of roaming classes shall be selected by the contractor from within the range shown

B.2.6.6.5 International Mobile Roaming Instruction Table

CLIN	Frequency	Description	Charging Unit	Notes
WL01201	Usage	International Mobile Voice Roaming Catalog Item	Minute	ICB
WL01202	Usage	International Mobile Data Roaming Catalog Item	MB	ICB
WL01203	Usage	International Mobile Roaming Inbound Text Catalog Item	Message	ICB
WL01204	Usage	International Mobile Roaming Outbound Text Catalog Item	Message	ICB

B.2.6.7 Wireless Features

The technical requirements for MWS are defined in Section C.2.6. Wireless features shall be listed in the table below.

B.2.6.7.1 Wireless Feature Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.6.7.2 Wireless Feature Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
WL02000	Usage	Wireless Priority Services (WPS)	Minute	Mandatory where available. No activation or monthly fee shall be charged.
WL02001	Usage	Directory Assistance with Call Completion	Call	Includes being able to retrieve at least two numbers per call and being connected to one of the requested listings.
WL02002	NRC	Domestic to Non-Domestic Calling	Line	NSP. If enabled, usage charges apply. See Section B.2.6.5. Allows a user to make non-domestic calls. It shall automatically be included when ordering a voice plan. This feature shall be disabled at agency direction.
WL02003	NRC	International Mobile Roaming	Line	NSP. If enabled, usage charges apply. See Section B.2.6.6. Allows a user to roam internationally with wireless Internet connectivity and communications capability. It shall automatically be included where available when ordering either a voice or data plan. This feature shall be disabled at agency direction.
WL02004	MRC	Personal Hotspot (5GB minimum) – applicable only to the Unlimited Data Add-on plan.	Line	Personal hotspots are included with all domestic data plans except unlimited data add-on plans.
WL02010	MRC	Push-To-Talk (PTT) with Group Talk	Line	Optional.

B.2.6.7.3 Wireless Machine to Machine Pricing (Optional)

MWS pricing for Machine to Machine (M2M) is listed in the table below.

B.2.6.7.3.1 Wireless M2M Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.6.7.3.2 Wireless M2M Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
WL03000	MRC	M2M 1 MB: 1 MB of data per month for M2M devices.	Line	
WL03001	MRC	M2M 2 MB: 2 MB of data per month for M2M devices.	Line	Optional
WL03002	MRC	M2M 5 MB: 5 MB of data per month for M2M devices.	Line	Optional
WL03003	MRC	M2M 25 MB: 25 MB of data per month for M2M devices.	Line	Optional
WL03004	MRC	M2M 50 MB: 50 MB of data per month for M2M devices.	Line	Optional
WL03005	MRC	M2M 250 MB: 250 MB of data per month for M2M devices.	Line	Optional
WL03006	MRC	M2M 1 GB: 1 GB of data per month for M2M devices.	Line	Optional
WL03007	MRC	M2M 5 GB: 5 GB of data per month for M2M devices.	Line	Optional
WL03020	Usage	M2M Overage (<= 50 MB) – Overage for plans up to and including 50 MB of data per month for M2M devices.	MB	
WL03021	Usage	M2M Overage (> 50 MB) – Overage for plans above 50 MB of data per month for M2M devices.	MB	Optional

B.2.6.7.4 Wireless Task Order Unique CLINs

The tables below provide the format and instructions for pricing TUCs supported by Wireless. TUCs shall be used as defined in Section B.1.2.15.

B.2.6.7.4.1 Wireless TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.6.7.4.2 Wireless TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
WL99990	WL99991	WL99992	MWS Task Order Unique	ICB	ICB

B.2.7 Commercial Satellite Communications Service

The technical requirements for Commercial Satellite Communications Service (COMSATCOM) are defined in Section C.2.7. The services include Commercial Mobile Satellite Service (CMSS) and Commercial Fixed Satellite Service (CFSS).

The price structure for COMSATCOM includes the following elements:

1. NRC
2. MRC
3. Usage charges

Features are normally separately priced although some features are defined as NSP. The device equipment required to obtain all services shall be included in the SRE Catalog. Bandwidth throttling (intentional slowing of data speeds by the service provider) is not permitted.

B.2.7.1 Commercial Mobile Satellite Service

Commercial Mobile Satellite Service (CMSS) voice and data pricing is shown in the tables below. Text messages are included under Table B.2.7.1.1.

Data sent using a voice channel (typically at less than 25 Kbps) is charged by the minute. No activation fees shall be charged. All plans shall include voicemail and incoming text messages at no extra cost.

B.2.7.1.1 CMSS Voice Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.7.1.2 CMSS Voice Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
CM00001	MRC	0 Minute Plan	Line	Basic CMSS access with 0 minutes per month included.
CM00002	Usage	0 Minute Plan Usage	Minute	The cost per minute to initiate or receive a phone call.
CM00003	MRC	10 Minute Plan	Line	Optional. CMSS access with 10 minutes per month included.
CM00004	MRC	40 Minute Plan	Line	CMSS access with 40 minutes per month included.
CM00005	MRC	100 Minute Plan	Line	CMSS access with 100 minutes per month included.
CM00006	MRC	300 Minute Plan	Line	Optional. CMSS access with 300 minutes per month included.
CM00020	Usage	Voice Usage Overage – Applicable to all plans but the 0 Minute Plan	Minute	The cost per minute to initiate or receive a phone call beyond the minutes allocated in the voice plan excluding the 0 Minute Plan.
CM00030	MRC	Unlimited Voice Plan	Line	Optional. CMSS access with unlimited number of minutes per month included.
CM00040	Usage	Outgoing Text Message	Message	No charge for inbound text messages.

B.2.7.1.3 CMSS Data

CMSS data pricing is shown in the tables below. Data plans may be defined by the contractor in its catalog as an add-on to a voice plan. Text messages and data sent using a voice channel shall be included in Table B.2.7.1.1. No activation fees shall be charged. The data upload and download speeds and global coverage shall be included in the contractor's proposal. Prepaid and postpaid plans may be offered.

B.2.7.1.4 CMSS Data Pricing Catalog Requirements

The contractor shall develop and maintain an online catalog of offerings and pricing in accordance with Section B.1.3.

The catalog provided by the contractor shall, at a minimum, contain the data elements defined in Table B.2.7.1.5 below. Catalog service descriptions shall specify the amount of data in MBs or GBs that is included in the catalog item. Agency bills shall also reference these catalog data elements, which will be used to calculate the cost.

Catalog prices shall be based on a discount from the OLP. The Data Class ID determines the discount to be applied to the OLP. The contractor shall identify the trade name(s) for the OLP. Catalog prices shall not vary by geographic location.

B.2.7.1.5 CMSS Data Catalog Table

CLIN	Case Number	Service Description	OLP	No List Price*	Data Class ID**	Start Date	Stop Date

* "T" if the price appearing in the OLP column is not an official supplier list price, "F" otherwise
** From Table B.2.7.1.6

B.2.7.1.6 CMSS Data Class Discount Table

Data Class ID*	Class Description	Task Order Number	Percentage Discount from OLP	Start Date	Stop Date
4000					
…					
4999					

* The number of data classes shall be selected by the contractor from within the range shown

B.2.7.1.7 CMSS Data Instruction Table

CLIN	Frequency	Description	Charging Unit	Notes
CM90002	MRC	CMSS Data Catalog Plan	Line	ICB
CM90003	Usage	CMSS Data Catalog Item	MB	ICB

B.2.7.1.8 CMSS Task Order Unique CLINs

The tables below provide the format and instructions for pricing TUCs supported by CMSS. TUCs shall be used as defined in Section B.1.2.15.

B.2.7.1.9 CMSS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.7.1.10 CMSS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
CM99990	CM99991	CM99992	CMSS Task Order Unique	ICB	ICB

B.2.7.2 Commercial Fixed Satellite Service

The first type of pricing for CFSS is ICB for a fixed level of bandwidth and the applicable installation of the equipment as shown Tables B.2.7.2.1 and B.2.7.2.2 below.

The second type of pricing for CFSS is for Satellite Internet Service as shown in Tables B.2.7.2.3 and B.2.7.2.4 below. The indicated amount of data included in the Satellite Internet Service plan shall be able to be used at any time of the day within domestic regions (as defined in Section B.2.6 of Wireless Service).

B.2.7.2.1 CFSS Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.7.2.2 CFSS Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
FS02000	NRC	CFSS Installation	Terminal	ICB
FS02001	MRC	CFSS Bandwidth	Kbps	ICB

B.2.7.2.3 Satellite Internet Prices

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.7.2.4 Satellite Internet Pricing Instructions

CLIN	Frequency	Description	Charging Unit	Notes
FS00000	MRC	**15 GB** per month	Line	
FS00002	MRC	**30 GB** per month	Line	
FS00004	MRC	**50 GB** per month	Line	
FS00010	Usage	**Data Overage**	GB	
FS00020	MRC	**Unlimited Domestic Voice** – Includes Call Waiting, Voice Mail, and Caller ID	Line	Optional. A data package may be required to be purchased with this CLIN.
FS00030	MRC	**Unlimited International Voice**	Line	Optional
FS00040	NRC	**Installation** – Includes connectors and cabling to obtain Internet access.	Line	Optional

B.2.7.2.5 CFSS Task Order Unique CLINs

The tables below provide the format and instructions for pricing TUCs supported by CFSS. TUCs shall be used as defined in Section B.1.

B.2.7.2.5.1 CFSS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.7.2.5.2 CFSS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
FS99990	FS99991	FS99992	CFSS Task Order Unique	ICB	ICB

B.2.8 Managed Services

B.2.8.1 Managed Network Service

The technical requirements for Managed Network Service (MNS) are defined in Section C.2.8.1.

The price structure for MNS includes the following elements:

1. NRC
2. MRC
3. Feature Charges

The prices in this section shall cover only the specific technical requirements in Section C.2.8.1. Prices for any associated SRE shall be provided in accordance with Section B.2.10.

B.2.8.1.1 Full Managed Network Service Prices

Full MNS includes the following components:

1. Managed Network Design and Engineering
2. Managed Network Implementation, Management and Maintenance
3. Out-of-Band (OOB) Service

B.2.8.1.2 Managed Network Design and Engineering

Managed Network Design and Engineering shall be priced ICB as an NRC. Table B.2.8.1.2.1 provides the formats for pricing information for Managed Network Design and Engineering. Table B.2.8.1.2.2 provides applicable charging mechanisms and charging units.

B.2.8.1.2.1 Managed Network Design and Engineering Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.8.1.2.2 Managed Network Design and Engineering Pricing Instructions Table

NRC CLIN	Description	Charging Unit	Notes
MN00001	Managed Network Design and Engineering	Device	ICB

B.2.8.1.3 Managed Network Implementation, Management and Maintenance

Table B.2.8.1.3.1 provides the formats for pricing information for Managed Network Implementation, Management and Maintenance. Table B.2.8.1.3.2 provides applicable charging mechanisms and charging units. Table B.2.8.1.3.3 provides optional charging mechanisms and charging units. Prices exclude the cost of bandwidth SRE and SRE maintenance covered by the SRE's MMC. A device under MNS is typically a router, switch, or similar equipment at the user's location that acts as a point of connection

between the user's location and the contractor's networking service(s) (e.g., VPNS, Ethernet or Private Line Service).

B.2.8.1.3.1 Managed Network Implementation, Management and Maintenance Prices Table

CLIN*	Case Number**	Task Order Number	Price	Price Start Date	Price Stop Date

* CLINs are listed in Tables B.2.8.1.3.2 and B.2.8.1.3.3
** Applies only to ICB CLINs

B.2.8.1.3.2 Managed Network Implementation, Management and Maintenance Pricing Instructions Table for Managed Devices

NRC CLIN	MRC CLIN	Description	Charging Unit
MN11001	MN10001	Managed Network Implementation, Maintenance and Management, Extra-Small	Device
MN11002	MN10002	Managed Network Implementation, Maintenance and Management, Small	Device
MN11003	MN10003	Managed Network Implementation, Maintenance and Management, Medium	Device
MN11004	MN10004	Managed Network Implementation, Maintenance and Management, Large	Device
MN11005	MN10005	Managed Network Implementation, Maintenance and Management, Extra-Large	Device

B.2.8.1.3.3 Managed Network Implementation, Management and Maintenance Pricing Instructions Table for IP-MPLS Routing

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
MN16001	MN15001	Managed Network Implementation, Maintenance and Management, Base service (IP-MPLS routing)*	Device	Optional
MN16002	MN15002	Router Security Features – add on to Base Service	Device	Optional
MN16003	MN15003	Unified Communications Features – add on to Base Service	Device	Optional

* Routers with basic IP-MPLS services use this base CLIN. Additional features include router-based security features and Unified Communications. A router may have none, one, or both additional features listed above.

B.2.8.1.4 MNS Out-of-Band Service (POTS Line or Wireless Service)

Table B.2.8.1.4.1 provides the format for pricing Out-of-Band (OOB) POTS Line or Wireless Service. Table B.2.8.1.4.2 provides the pricing instructions.

B.2.8.1.4.1 MNS Out-of-Band Access Prices Table

CLIN	Case Number*	Task Order Number	Country / Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.8.1.4.2 MNS Out-of-Band Access Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
MN21002	MN20002	Out-of-Band POTS Line (POTS Line provided by contractor and price includes both line and OOB management)	Device	CONUS and OCONUS only. Device is modem - Modem price and maintenance are SRE
MN21021	MN20021	Wireless Out-of-Band Access (Wireless OOB Access provided by contractor and price includes both OOB wireless service and OOB management)	Device	Optional. CONUS and OCONUS only. Device is modem - Modem price and maintenance are SRE

B.2.8.1.5 MNS Features

Table B.2.8.1.5.1 provides the formats for pricing information for MNS features. Table B.2.8.1.5.2 provides applicable charging mechanisms and charging units for MNS features.

B.2.8.1.5.1 MNS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.8.1.5.2 MNS Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
MN51001	MN50001	Government Furnished Property Maintenance	Device	ICB
MN31001	MN30001	Agency-Specific Network Operations Center (NOC)	Proposal	ICB
MN34001	MN33001	Agency-Specific Security Operations Center (SOC)	Proposal	ICB
MN52002	MN52001	Traffic Aggregation Service (DHS)*	ICB	ICB. DHS only

*The traffic aggregation service may only be ordered by DHS, and costs must be separate and distinct from agency transport costs. Agencies maintain all responsibility for their transport costs. All charges for traffic aggregation service are to be incurred by DHS and none by the agencies.

B.2.8.1.6 MNS Task Order Unique CLINs

Table B.2.8.1.6.1 provides the format for pricing TUCs supported by MNS. Table B.2.8.1.6.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.1.6.1 MNS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.1.6.2 MNS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
MN99990	MN99991	MN99992	MNS Task Order Unique	ICB	ICB

B.2.8.2 Web Conferencing Service

The technical requirements for the Web Conferencing Service (WCS) are defined in Section C.2.8.2.

B.2.8.2.1 Web Conferencing Price Structure

WCS has two pricing options that depend upon the model selected: 1) Subscription Model or 2) Usage Model.

The price structure for WCS includes the following elements:

1. MRC for the Subscription Model
2. Usage charges for the Usage Model
3. Event-based charges
4. Feature charges

WCS may use underlying transport services that may be IP centric (such as VPNS or IPS). Voice or toll-free service may also be used to provide connectivity. These transport services are charged separately.

SRE pricing for the user-to-network interfaces shall be provided in accordance with Section B.2.10.

B.2.8.2.2 Web Conferencing Basic Service

This section provides pricing instructions for the subscription model.

The subscription model is priced on a monthly basis, and offers unlimited web conferences for a maximum number of concurrent participants as specified by the contractor. The maximum number of active hosts may be unlimited depending upon licensing arrangements.

Table B.2.8.2.2.1 provides pricing information for the WCS subscription model. Table B.2.8.2.2.2 provides applicable charging mechanisms and charging units.

B.2.8.2.2.1 Web Conferencing Subscription-Based Prices Table

CLIN	Task Order Number	Band Low*	Band High*	Variable Price	Price Start Date	Price Stop Date

* Price bands reflect the number of enterprise subscribers. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.8.2.2.2 Web Conferencing Subscription-Based Pricing Instructions Table

MRC CLIN	Description	Charging Unit
WC00001	Enterprise license	Enterprise Subscriber

B.2.8.2.3 Web Conferencing Usage-Based Service

Table B.2.8.2.3.1 provides pricing information for WCS usage-based services. Table B.2.8.2.3.2 provides applicable charging mechanisms and charging units.

B.2.8.2.3.1 Web Conferencing Usage Based Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.2.3.2 Web Conferencing Usage-Based Pricing Instructions Table

Usage CLIN	Description	Charging Unit
WC00010	WCS Usage	Minute per participant*

* Usage minutes shall be multiplied by the number of participants to obtain the quantity for charging purposes

B.2.8.2.4 Web Conferencing Service Reservation-Based Events

Table B.2.8.2.4.1 provides pricing information for WCS event-based services. Table B.2.8.2.4.2 provides applicable charging mechanisms and charging units. An event involving either audio or video streaming may be ordered using the applicable CLIN from Table B.2.8.2.4.2 in multiples of 15-minute increments.

B.2.8.2.4.1 Web Conferencing Event-Based Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.2.4.2 Web Conferencing Event-Based Pricing Instructions Table

Usage CLIN	Description	Charging Unit
WC00100	Audio Streaming (includes visuals) for up to 1000 attendees, 15 minute increment	15 minutes
WC00102	Audio Streaming (includes visuals) for 1001-2000 attendees, 15 minute increment	15 minutes
WC00104	Audio Streaming (includes visuals) for 2001-3000 attendees, 15 minute increment	15 minutes

Usage CLIN	Description	Charging Unit
WC00110	Video Streaming (includes visuals) for up to 1000 attendees, 15 minute increment	15 minutes
WC00112	Video Streaming (includes visuals) for 1001-2000 attendees, 15 minute increment	15 minutes
WC00114	Video Streaming (includes visuals) for 2001-3000 attendees, 15 minute increment	15 minutes

B.2.8.2.5 Web Conferencing Features

Table B.2.8.2.5.1 provides pricing instructions for the features supported by WCS. Table B.2.8.2.5.2 provides applicable charging mechanisms and charging units.

B.2.8.2.5.1 Web Conferencing Feature Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.2.5.2 Web Conferencing Feature Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
WC90001	MRC	Web Based Presentation Additional Storage for Replay	GB	Price for initial 90 days included with basic service. The maximum number of increments is 9; one for each month for a total period of 12 months.
WC90002	Usage	Web Based Presentation Replay	Each	NSP

B.2.8.2.6 Web Conferencing Task Order Unique CLINs

Table B.2.8.2.6.1 provides the format for pricing TUCs supported by WCS. Table B.2.8.2.6.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.2.6.1 Web Conferencing TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.2.6.2 Web Conferencing TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
WC99990	WC99991	WC99992	WCS Task Order Unique	ICB	ICB

B.2.8.3 Unified Communications Service

Unified Communication Service (UCS) is an application hosted by the contractor that provides unified communications to multiple users using an agency-provided (managed), contractor-provided (hosted), or hybrid solution. The technical requirements for UCS are defined in Section C.2.8.3.

The price structure for UCS includes the following elements:

1. Design and Engineering
2. Service

B.2.8.3.1 Unified Communications Design and Engineering Price Structure

Achieving a seamless UCS implementation requires an evaluation of the agency's current voice, data and applications environments. The CLIN associated with the UCS Design and Engineering service shall be priced ICB. SRE pricing for required equipment (e.g., user interface devices) shall be provided in accordance with Section B.2.10.

B.2.8.3.1.1 Unified Communications Design and Engineering Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.8.3.1.2 Unified Communications Design and Engineering Pricing Instructions Table

NRC CLIN	Description	Charging Unit	Notes
UC11001	Network Design and Engineering Service	Solution	ICB

B.2.8.3.2 Unified Communications Service Price Structure

B.2.8.3.2.1 Unified Communications CONUS Service Prices Table

CLIN	Case Number*	Task Order Number	Band Low**	Band High**	Variable Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Price bands reflect the number of seats. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.8.3.2.2 Unified Communications OCONUS and Non-Domestic Service Prices Table

CLIN	Case Number*	Task Order Number	Country/ Jurisdiction ID**	Band Low***	Band High***	Variable Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1
*** Price bands reflect the number of seats. Contractor may propose pricing for multiple bands using the same CLIN.

B.2.8.3.2.3 Unified Communications Service Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
UC21001	UC22001	Hosted UCS Unlimited*	Seat	
UC31001	UC32001	Managed UCS Unlimited*	Seat	ICB
UC51001	UC52001	Hybrid UCS Unlimited*	Seat	ICB

* Unlimited Calls/Fax/SMS/Conferencing

B.2.8.3.3 Unified Communications Task Order Unique CLINs

Table B.2.8.3.3.1 provides the format for pricing TUCs associated with UCS. Table B.2.8.3.3.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.3.3.1 Unified Communications TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.3.3.2 Unified Communications TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
UC99990	UC99991	UC99992	UCS Task Order Unique	ICB	ICB

B.2.8.4 Managed Trusted Internet Protocol Service

The technical requirements for Managed Trusted Internet Protocol Service (MTIPS) are defined in Section C.2.8.4.

B.2.8.4.1 MTIPS Price Structure

The price structure for MTIPS includes the following elements:

1. MRC
2. Feature Charges

MTIPS Trusted Internet Connection (TIC) SOC equipment for mandatory security functions shall be included in the MTIPS basic service price. Pricing for MTIPS-associated SRE, such as routers at the agency location, shall be listed in the SRE Catalog. If the contractor provides any optional MTIPS security functions, then the contractor shall price those security functions using the corresponding Managed Security Service prices (Section B.2.8.5).

B.2.8.4.2 MTIPS Access

The contractor shall allow agencies to connect to the contractor's MTIPS transport network using access arrangements as described in Section B.2.9.

B.2.8.4.3 MTIPS Basic Service

The contractor shall price MTIPS with an MRC CLIN based on port bandwidth. The MTIPS port price shall include the TIC Portal Capabilities, the Transport Collection and

Distribution Capabilities, the Network Operations and Management, and TIC Portal SOC FISMA A&A, as specified in Section C.2.8.4.

B.2.8.4.4 MTIPS Price Structure

Table B.2.8.4.4.1 provides the format for MTIPS port prices. Table B.2.8.4.4.2 provides the instructions for pricing MTIPS in domestic and non-domestic country/jurisdictions. The contractor shall price the optional MTIPS E1 and E3 ports in non-domestic country/jurisdictions only.

B.2.8.4.4.1 MTIPS Port Prices Table

CLIN	Case Number*	Task Order Number	Country / Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.8.4.4.2 MTIPS Port Pricing Instructions Table

MRC CLIN	Description	Charging Unit	Notes
MT00001	MTIPS - T1	Port	Optional
MT00002	MTIPS - FT3 - 3 Mbps	Port	Optional
MT00003	MTIPS - FT3 - 6 Mbps	Port	Optional
MT00004	MTIPS - FT3 - 10 Mbps	Port	Optional
MT00005	MTIPS - T3	Port	
MT00006	MTIPS - OC3c (155 Mbps)	Port	
MT00008	MTIPS - OC12c (622 Mbps)	Port	
MT00010	MTIPS - OC48c (2.5 Gbps)	Port	Optional
MT00012	MTIPS - OC192c (10 Gbps)	Port	Optional
MT00031	MTIPS - Ethernet – 10 Mbps	Port	Optional
MT00032	MTIPS - Ethernet – 20 Mbps	Port	Optional
MT00033	MTIPS - Ethernet – 30 Mbps	Port	Optional
MT00034	MTIPS - Ethernet – 40 Mbps	Port	Optional
MT00035	MTIPS - Ethernet – 50 Mbps	Port	Optional
MT00041	MTIPS - Ethernet – 100 Mbps	Port	Optional
MT00042	MTIPS - Ethernet – 200 Mbps	Port	
MT00043	MTIPS - Ethernet – 300 Mbps	Port	Optional

MRC CLIN	Description	Charging Unit	Notes
MT00044	MTIPS - Ethernet – 400 Mbps	Port	Optional
MT00045	MTIPS - Ethernet – 500 Mbps	Port	
MT00051	MTIPS - Ethernet – 1 Gbps	Port	
MT00060	MTIPS - Ethernet – 10 Gbps	Port	
MT00061	MTIPS - E1	Port	Optional. Non-domestic only
MT00062	MTIPS - E3	Port	Optional. Non-domestic only

SRE pricing for the user-to-network interfaces shall be provided in accordance with Section B.2.10.

B.2.8.4.5 MTIPS Feature Prices

Table B.2.8.4.5.1 provides the format for MTIPS feature prices. Table B.2.8.4.5.2 provides the pricing instructions for pricing the domestic MTIPS features.

B.2.8.4.5.1 MTIPS Feature Prices Table

CLIN	Case Number*	Task Order Number	Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.8.4.5.2 MTIPS Feature Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
MT90011	MRC	Encrypted Traffic	ICB	ICB
MT90012	MRC	Agency Security Policy Enforcement	ICB	ICB
MT90013	MRC	Forensic Analysis	ICB	ICB
MT90014	MRC	Custom Reports	Report	ICB
MT91001	NRC	Agency NOC/SOC Console	ICB	ICB
MT91002	MRC	Agency NOC/SOC Console	ICB	ICB
MT91003	MRC	Custom Security Assessment and Authorization Support (previously known as “Custom Certification and Accreditation (C&A) Support”)	Proposal	ICB

CLIN	Frequency	Description	Charging Unit	Notes
MT91004	NRC	Custom Security Assessment and Authorization Support (previously known as “Custom Certification and Accreditation (C&A) Support”)	Proposal	ICB
MT91005	MRC	External Network Connection	Connection	ICB
MT91006	NRC	External Network Connection	Connection	ICB
MT91013	MRC	Encrypted DMZ	ICB	ICB
MT91014	MRC	Encrypted DMZ - One security device	Each	
MT91015	MRC	Remote Access (CONUS and OCONUS, 1 seat)	Seat	
MT91016	MRC	Remote Access (CONUS and OCONUS, 2 - 5 seats)	Seat	
MT91017	MRC	Remote Access (CONUS and OCONUS, 6 – 50 seats)	Seat	
MT91018	MRC	Remote Access (CONUS and OCONUS, 51 – 100 seats)	Seat	
MT91019	MRC	Remote Access (CONUS and OCONUS, 101+ seats)	Seat	ICB
MT91020	MRC	Custom Remote Access	Seat	ICB
MT91021	MRC	Extranet Connection (CONUS and OCONUS, 1 user at the node)	Node	
MT91022	MRC	Extranet Connection (CONUS and OCONUS, 2-to-5 users at the node)	Node	
MT91023	MRC	Extranet Connection (CONUS and OCONUS, 6-to-50 users at the node)	Node	
MT91024	MRC	Extranet Connection (CONUS and OCONUS, 51-to-100 users at the node)	Node	
MT91025	MRC	Extranet Connection (CONUS and OCONUS,100+ users at the node)	Node	ICB
MT91026	MRC	Custom Extranet Connection	Node	ICB
MT91027	MRC	Inventory Mapping Service	Network	ICB

B.2.8.4.6 MTIPS Task Order Unique CLINs

Table B.2.8.4.6.1 provides the format for pricing the TUCs supported by MTIPS. Table B.2.8.4.6.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.4.6.1 MTIPS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.4.6.2 MTIPS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
MT99990	MT99991	MT99992	MTIPS Task Order Unique	ICB	ICB

B.2.8.5 Managed Security Service

The technical requirements for Managed Security Service (MSS) are defined in Section C.2.8.5. MSS mandatory services are:

1. Managed Prevention Service
2. Vulnerability Scanning Service
3. Incident Response Service
4. Trusted Internet Connections Service

Many providers offer an array of potential services and service variations, as well as special tailored services, which use or span the MSS mandatory services. For pricing purposes, the contractor shall provide an MSS Catalog consistent with the service requirements in Section C.2.8.5, and with the pricing catalog requirements in Section B.1.3. The contractor shall use Managed Security Service Category Reference Table B.2.8.5.4 to relate its offerings to the MSS mandatory services.

B.2.8.5.1 Catalog Requirements for Pricing Information

Where MSS offerings include equipment, all MSS-related equipment or equipment features shall be identified and priced in accordance with the SRE requirements in Section B.2.10. Where MSS-related labor is offered, then labor rates shall be specified and priced in accordance with Section B.2.11.

Otherwise, MSS prices for non-labor and non-SRE elements shall be determined from the catalog based on the information required as shown in Table B.2.8.5.2 below. Charging mechanisms are defined in Table B.2.8.5.5. Additional discounts or reduced prices may be negotiated at time of TO award between the ordering agency and the contractor.

B.2.8.5.2 Managed Security Service Catalog – Product Specification Table

CLIN	Case Number	Category*	Service Description**	OLP	No List Price***	Service Class ID	Start Date	Stop Date	End of Sale Date****	End of Life Date*****	Notes
		(from Table B.2.8.5.4)				*(from Table B.2.8.5.3)*					

* An array value containing all category codes from Table B.2.8.5.4 corresponding to the services provided by the catalog item.
** Descriptions shall be sufficiently complete that all capabilities and limitations of the MSS, as priced, are clear to the government
*** "T" if the price appearing in the OLP column is not an official list price, "F" otherwise
**** End of Sale Date shall be the effective date after which an item may no longer be purchased. Stop Date shall not be later than End of Sale Date.
***** End of Life Date shall be the effective date after which an item is no longer supported by the contractor

The discount to be applied to the OLP is determined by the Service Class, as shown in Table B.2.8.5.3. The contractor shall identify the trade name(s) for the OLP. The MSS NRC, MRC and/or Usage price shall be the OLP, less the discount for the service class. If no OLP exists, the contractor shall specify its price in the OLP column, populate the No List Price column with "T", and assign a Service Class ID where the discount is 0% (i.e., Service Class 5000).

B.2.8.5.3 Managed Security Service Catalog – Service Class Discount Table

Service Class ID*	Service Class Description**	Task Order Number	Percentage Discount from OLP	Start Date	Stop Date
5000	(e.g., No discount)		0		
5001					
…					
5999					

* The number of service classes shall be selected by the contractor from within the range shown
** The service class description and percentage discount for each service class shall be fixed through the life of the contract, unless changed by contract modification. The Start and Stop Dates shall only apply when a change is caused by contract modification.

The Service Class discount and catalog price shall not vary by geographic location.

The contractor shall assign each item in MSS Catalog Table B.2.8.5.2 to one or more of the MSS categories listed in Reference Table B.2.8.5.4. Additional MSS categories may be defined upon request by the contractor.

B.2.8.5.4 Managed Security Service Category Reference Table

Category	Category Description
1	Managed Prevention Service (MPS)
2	Vulnerability Scanning Service (VSS)
3	Incident Response Service (INRS)
4	Trusted Internet Connections Service (TICS)

B.2.8.5.5 Managed Security Service Instruction Table

CLIN	Frequency	Description	Charging Unit	Notes
MS90001	NRC	Managed Security Service Catalog Item	ICB	ICB
MS90002	MRC	Managed Security Service Catalog Item	ICB	ICB
MS90003	Usage	Managed Security Service Catalog Item	ICB	ICB

B.2.8.5.6 MSS Task Order Unique CLINs

Table B.2.8.5.6.1 provides the format for pricing TUCs supported by MSS. Table B.2.8.5.6.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.5.6.1 MSS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.5.6.2 MSS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
MS99990	MS99991	MS99992	MSS Task Order Unique	ICB	ICB

B.2.8.6 Managed Mobility Service (MMS)

The technical requirements for Managed Mobility Service (MMS) are defined in Section C.2.8.6.

The price structure for MMS includes the following elements:

1. NRC
2. MRC
3. Usage charges

All MRC prices are per device unless specified otherwise. Features are normally separately priced although some features have been defined as NSP. All NSP items shall have a price of zero ($0) entered in the price tables.

Software upgrades shall be included in the price of all MRC subscription software.

B.2.8.6.1 Mobile Device Management (MDM)

Mobile Device Management (MDM) enables agencies to manage and secure data on a device, including providing enterprise email access. All MDM services listed in the tables below shall meet the security requirements in Section C.2.8.6.1.4.3.

The contractor shall provide at least one of the license alternatives in Table B.2.8.6.1.2.

B.2.8.6.1.1 MDM Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.6.1.2 MDM Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
MM00001	MRC	On Premises MDM License Per Device	Device	License
MM00002	MRC	On Premises MDM License Per User with up to three devices per user	User	License
MM00030	MRC	Cloud MDM License Per Device	Device	License
MM00031	MRC	Cloud MDM License Per User with up to three devices per user	User	License

B.2.8.6.2 Mobile Application Management (MAM)

Mobile Application Management (MAM) manages device applications. MAM includes the following capabilities (see Section C.2.8.6.1.4.2):

1) Application deployment
2) Mobile Application Store (MAS)
3) Application security

The contractor shall provide at least one of the license alternatives in Table B.2.8.6.2.2.

B.2.8.6.2.1 MAM Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.6.2.2 MAM Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
MM01000	MRC	On Premises MAM License Per Device	Device	License
MM01001	MRC	On Premises MAM License Per User with up to three devices per user	User	License
MM01030	MRC	Cloud MAM License Per Device	Device	License
MM01031	MRC	Cloud MAM License Per User with up to three devices per user	User	License

B.2.8.6.3 Mobile Content Management (MCM)

Mobile Content Management (MCM) includes securely managing files for a single user across devices or between users for file sharing.

The contractor shall provide at least one of the license alternatives in Table B.2.8.6.3.2.

B.2.8.6.3.1 Content Management Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.6.3.2 Content Management Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
MM02010	MRC	On Premises File Sharing Per User with unlimited data storage scalability	User	License
MM02000	MRC	Cloud File Sharing Per User with unlimited storage (minimum of 1 TB of online storage per user)	User	License

B.2.8.6.4 MMS Task Order Unique CLINS

The tables below provide the format and instructions for pricing TUCs supported by MMS. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.6.4.1 MMS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.6.4.2 MMS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
MM99990	MM99991	MM99992	MMS Task Order Unique	ICB	ICB

B.2.8.6.5 Mobility-as-a-Service (MaaS)

Many providers offer an array of potential services and service variations, as well as special tailored services, which use or span the MMS and MWS services. For MaaS pricing purposes, the contractor shall provide an MMS MaaS Catalog consistent with the service requirements in Section C.2.8.6 and Section C.2.6, and with the pricing catalog requirements in Section B.1.3.

B.2.8.6.5.1 Mobility-as-a-Service Catalog Requirements for Pricing Information

MaaS pricing shall be determined from the catalog based on the information required as shown in Table B.2.8.6.5.2 below. Charging mechanisms are defined in Table B.2.8.6.5.4.

B.2.8.6.5.2 Mobility-as-a-Service Catalog Specification Table

CLIN	Case Number	Service Description*	OLP	No List Price**	Service Class ID	Start Date	Stop Date	End of Sale Date***	End of Life Date****	Notes
					(from Table B.2.8.6.5.3)					

* Descriptions shall be sufficiently complete that all capabilities and limitations of the MaaS, as priced, are clear to the government

** "T" if the price appearing in the OLP column is not an official list price, "F" otherwise

*** End of Sale Date shall be the effective date after which an item may no longer be purchased. Stop Date shall not be later than End of Sale Date.

**** End of Life Date shall be the effective date after which an item is no longer supported by the contractor

The discount to be applied to the OLP is determined by the Service Class, as shown in Table B.2.8.6.5.3. The contractor shall identify the trade name(s) for the OLP. The MaaS price shall be the OLP, less the discount for the service class. If no OLP exists, the contractor shall specify its price in the OLP column, populate the No List Price column with "T", and assign a Service Class ID where the discount is 0% (i.e., Service Class 7000).

B.2.8.6.5.3 Mobility as-a-Service Class Discount Table

Service Class ID*	Service Class Description**	Task Order Number	Percentage Discount from OLP	Start Date	Stop Date
7000	(e.g., No discount)		0		
7001					
…					
7999					

* The number of service classes shall be selected by the contractor from within the range shown

** The service class description and percentage discount for each service class shall be fixed through the life of the contract, unless changed by contract modification. The Start and Stop Dates shall only apply when a change is caused by contract modification.

The Service Class discount and catalog price shall not vary by geographic location.

B.2.8.6.5.4 Mobility as-a-Service Instruction Table

CLIN	Frequency	Description	Charging Unit	Notes
MM90001	NRC	MaaS Catalog Item	ICB	ICB
MM90002	MRC	MaaS Catalog Item	ICB	ICB
MM90003	Usage	MaaS Catalog Item	ICB	ICB

B.2.8.6.6 MMS Feature Prices

Features for MMS shall be priced ICB. Table B.2.8.6.6.1 provides the formats for pricing information for MMS features. Table B.2.8.6.6.2 provides applicable charging mechanisms and charging units.

B.2.8.6.6.1 MMS Feature Price Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.6.6.2 MMS Feature Pricing Instruction Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
MM80001	MM80101	MM80201	Mobile Threat Protection (MTP)	ICB	ICB; Optional
MM80002	MM80102	MM80202	Mobile Application Vetting	ICB	ICB; Optional
MM80003	MM80103	MM80203	Mobile Identity Management	ICB	ICB; Optional
MM80004	MM80104	MM80204	Mobile Backend-as-a-Service (MBaaS)	ICB	ICB; Optional
MM80005	MM80105	MM80205	Internet of Things (IoT)	ICB	ICB; Optional

B.2.8.7 Audio Conferencing Service

The technical requirements for Audio Conferencing Service (ACS) are defined in Section C.2.8.7.

B.2.8.7.1 ACS Price Structure

The price structure for ACS shall comprise the following elements:

1. NRC for Reservation Charges
2. Usage Charges per bridge for basic ACS

3. Usage Charges for attendant assisted ACS
4. Feature Charges

ACS may use underlying transport services such as landline voice service (CSVS, IPVS) or cellular voice service to provide connectivity. Charges for underlying transport services and dial-in costs are in addition to the charges specified in this section.

B.2.8.7.2 ACS Basic Service Prices

Table B.2.8.7.2.1 provides basic usage pricing for ACS. Table B.2.8.7.2.2 provides pricing instructions for the basic ACS usage prices.

B.2.8.7.2.1 ACS Basic Usage Prices Table

CLIN	Task Order Number	Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.8.7.2.2 ACS Basic Usage Pricing Instructions Table

Usage CLIN	Description	Charging Unit	Notes
AC11001	Audio Conferencing Service	Bridge port per minute	
AC11002	Domestic toll free dial-in Transport	Bridge port per minute	Optional
AC11003	Canada toll free dial-in Transport	Bridge port per minute	Optional
AC11004	Operator dial-out port	Bridge port per minute	
AC11005	Host dial-out port	Bridge port per minute	
AC11006	Executive bridge port	Bridge port per minute	
AC11007	Executive operator dial-out port	Bridge port per minute	
AC11008	Operator Dial-Out Transport	Bridge port per minute	Optional
AC11009	Host Dial-Out Transport	Bridge port per minute	Optional
AC11012	International Global Meet	Bridge port per minute	OCONUS and Non-Domestic only
AC11013	Host Controls	Bridge port per minute	

B.2.8.7.3 ACS Reservation Prices

Table B.2.8.7.3.1 provides the pricing format for ACS reservation service. Table B.2.8.7.3.2 provides pricing instructions.

Reservation charges shall be non-refundable in the event of cancellation of a scheduled conference less than 30 minutes before a conference is scheduled to occur.

B.2.8.7.3.1 ACS Reservation Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.7.3.2 ACS Reservation Pricing Instructions Table

Usage CLIN	Description	Charging Unit
AC21001	ACS Reservation Service	Conference
AC21002	Executive unused reserved port	Bridge port per minute
AC21003	Reservation-less Automated Dial In (RADI) - Toll Free	Bridge port per minute
AC21004	Reservation-less Automated Dial In (RADI) - Caller Paid	Bridge port per minute
AC21005	Reserved Automated Dial In (ADI) - Toll Free	Bridge port per minute
AC21006	Reserved Automated Dial In (ADI) - Caller Paid	Bridge port per minute
AC21009	Reservation Audio Files	Conference

B.2.8.7.4 ACS Attendant Assisted Prices

Table B.2.8.7.4.1 provides pricing format for attendant-assisted ACS. Table B.2.8.7.4.2 provides pricing instructions.

B.2.8.7.4.1 ACS Attendant Assisted Prices Table

CLIN	Task Order Number	Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.8.7.4.2 ACS Attendant Assisted Pricing Instructions Table

Usage CLIN	Description	Charging Unit
AC31001	Attendant-Assisted ACS	15 minutes

B.2.8.7.5 ACS Feature prices

Table B.2.8.7.5.1 provides the format for pricing information for ACS features. Table B.2.8.7.5.2 provides the feature pricing instructions.

B.2.8.7.5.1 ACS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.8.7.5.2 ACS Feature Pricing Instructions Table

Usage CLIN	Description	Charging Unit	Notes
AC41002	Audio Recording of Call – Removable Storage Media	Each	
AC41005	Language translation – all languages other than Spanish	Translation	ICB, Optional
AC41006	Language translation – Spanish	Translation	
AC41007	Moderator led questions and answers	15 minutes	
AC41008	Participant list report	Report	
AC41009	Password screening	Screening	
AC41010	Replay of pre-recorded audio conference	Replay	
AC41011	Transcription of pre-recorded audio call	Transcription	
AC41012	Temporary blocking of ports	Conference call	
AC41013	Secured Audio Conference	Conference call	Optional

B.2.8.7.6 ACS Task Order Unique CLINs

Table B.2.8.7.6.1 provides the format for pricing TUCs associated with ACS. Table B.2.8.7.6.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.7.6.1 ACS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.7.6.2 ACS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
AC99990	AC99991	AC99992	ACS Task Order Unique	ICB	ICB

B.2.8.8 Video Teleconferencing Service

The technical requirements for Video Teleconferencing Service (VTS) are defined in Section C.2.8.8.

B.2.8.8.1 VTS Price Structure

The price structure for VTS includes the following elements:

1. NRC
2. MRC per port for dedicated VTS ports
3. Usage Charges per minute per port for dial-in or dial-out VTS ports
4. Feature Charges

VTS may use underlying transport services to provide connectivity, such as CSDS or PLS. Charges for underlying transport services are in addition to charges specified in this section.

B.2.8.8.2 VTS Basic Service Prices

Table B.2.8.8.2.1 provides pricing for VTS service. Table B.2.8.8.2.2 provides pricing instructions.

Prices for dedicated and dial-in VTS shall be in addition to any applicable charges for the underlying access and transport service used for video teleconferencing. The prices for dial-out VTS shall include the transport and terminating access charges to the user. The Country/Jurisdiction ID shall represent the terminating location when dialing out and the originating location when dialing in.

B.2.8.8.2.1 VTS Prices Table

CLIN	Task Order Number	Country/ Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

Conferences canceled prior to scheduled start time shall not be billable. After the scheduled start time, all reserved ports and features shall be billed for the entire reserved duration whether actually used or not. An ongoing conference that is interrupted through no fault of any of the active participating locations shall be billed at the next lower completed billing increment, and if such an ongoing conference is interrupted in the first billable time increment, there shall be no billing for any time of that conference session.

B.2.8.8.2.2 VTS Service Pricing Instructions Table

Usage CLIN	Description	Charging Unit	Notes
VC11001	Dial-in audio-only capability	Minute per port	
VC11002	Dial-in 384 Kbps or lower (but higher than 128 Kbps) video bandwidth originating at ISDN site	Minute per port	
VC11003	Dial-in 384 Kbps or lower (but higher than 128 Kbps) video bandwidth originating at IP site	Minute per port	
VC11004	Dial-in 768 Kbps or lower (but higher than 384 Kbps) video bandwidth originating at IP site	Minute per port	
VC11005	Dial-out 384 Kbps or lower (but higher than 128 Kbps) video bandwidth terminating at ISDN site	Minute per port	
VC11006	Dial-out 384 Kbps or lower (but higher than 128 Kbps) video bandwidth terminating at IP site	Minute per port	
VC11007	Dial-in 1.92 Mbps or lower (but higher than 768 Kbps) video bandwidth originating at IP site	Minute per port	Optional
VC11010	IEEE 802.3 (IPV4 and IPV6) Ethernet interface up to 10 Mbps	Minute per port	
VC11011	IEEE 802.3 (IPV4 and IPV6) Ethernet interface up to 100 Mbps	Minute per port	

B.2.8.8.3 VTS Feature prices

Table B.2.8.8.3.1 provides the format for pricing information for VTS features. Table B.2.8.8.3.2 provides the feature pricing instructions.

B.2.8.8.3.1 VTS Feature Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.8.3.2 VTS Feature Pricing Instructions Table

CLIN	Frequency	Description	Charging Unit	Notes
VC21001	Usage	Attended Service	Minute	
VC21002	NRC	Verification	Site	
VC21003	Usage	Coding Conversion (Transcoding) Compliant with FTR 1080 Formats	Minute per port	
VC21004	NRC	Rate Adaptation	Conference	Optional
VC21006	Usage	Security – CUI	Minute	Optional

B.2.8.8.4 VTS Task Order Unique CLINs

Table B.2.8.8.4.1 provides the format for pricing TUCs associated with VTS. Table B.2.8.8.4.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.8.4.1 VTS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.8.4.2 VTS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
VC99990	VC99991	VC99992	VTS Task Order Unique	ICB	ICB

B.2.8.9 DHS Intrusion Prevention Security Service

The technical requirements for DHS Intrusion Prevention Security Service (IPSS) are defined in Section C.2.8.9.

The price structure for IPSS includes the following elements:

1. NRC
2. MRC
3. Feature Charges

The prices in this section shall cover only the specific technical requirements in Section C.2.8.9. Prices for any associated SRE shall be provided in accordance with Section B.2.10.

B.2.8.9.1 DHS Intrusion Prevention Security Service Price Structure

The CLIN associated with IPSS shall be priced ICB. SRE pricing for required equipment shall be provided in accordance with Section B.2.10. Table B.2.8.9.1.1 provides the formats for pricing information for IPSS. Instruction Table B.2.8.9.1.2 provides the pricing information and charging units.

B.2.8.9.1.1 IPSS Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.8.9.1.2 IPSS Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
DI00001	DI10002	Intrusion Prevention Security Service	ICB	ICB. DHS only

B.2.8.9.2 DHS Intrusion Prevention Security Service Feature Price Structure

Table B.2.8.9.2.1 provides the format for pricing the features supported by IPSS. Instruction table B.2.8.9.2.2 provides the pricing information and charging units.

B.2.8.9.2.1 IPSS Feature Prices Table

CLIN	Case Number*	Task Order Number	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

B.2.8.9.2.2 IPSS Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
DI11001	DI12001	DHS Email Threat Detection and Countermeasures	ICB	ICB. DHS only
DI11003	DI12003	DHS DNS Threat Detection and Countermeasures	ICB	ICB. DHS only

B.2.8.9.3 DHS Intrusion Prevention Security Service Task Order Unique CLINs

Table B.2.8.9.3.1 provides the format for pricing TUCs supported by IPSS. Table B.2.8.9.3.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.9.3.1 IPSS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.9.3.2 IPSS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
DI99990	DI99991	IPSS Task Order Unique	ICB	ICB. DHS only

B.2.8.10 Software Defined Wide Area Network Service (SDWANS)

The technical requirements for SDWANS are defined in Section C.2.8.10.

The price structure for SDWANS includes the following elements:

1. NRC
2. MRC
3. Usage
4. Feature Charges

The prices in this section shall cover only the specific technical requirements in Section C.2.8.10. Underlay services shall be ordered and priced separately from SDWANS. Prices for any associated Access arrangements and SRE shall be provided in accordance with Sections B.2.9 and B.2.10.

B.2.8.10.1 SDWANS Prices

SDWANS shall be priced ICB. Table B.2.8.10.1.1 provides the formats for pricing information for SDWANS. Table B.2.8.10.1.2 provides applicable charging mechanisms and charging units.

B.2.8.10.1.1 SDWANS Price Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.10.1.2 SDWANS Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
SD10001	SD10002	Policy, Design, Engineering, Management and Control	ICB	ICB*

* Case description shall provide details associated with device size/bandwidth limit

B.2.8.10.2 SDWANS Feature Prices

Features for SDWANS shall be priced ICB. Table B.2.8.10.2.1 provides the formats for pricing information for SDWANS features. Table B.2.8.10.2.2 provides applicable charging mechanisms and charging units.

B.2.8.10.2.1 SDWANS Feature Price Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.10.2.2 SDWANS Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
SD10007	SD10008	SD10009	Online Management and Control (Partial)	ICB	ICB; Optional
SD10010	SD10011	SD10012	Online Management and Control (Full)	ICB	ICB; Optional
SD10013	SD10014	SD10015	Advanced Analytics and Reporting	ICB	ICB; Optional
SD10016	SD10017	SD10018	Zero Trust Architecture (ZTA)	ICB	ICB; Optional
SD10019	SD10020	SD10021	Virtual Trusted Internet Connection (vTIC)	ICB	ICB; Optional
SD10022	SD10023	SD10024	Network-as-a-Service (NaaS)	ICB	ICB; Optional

B.2.8.10.3 SDWANS Task Order Unique CLINs

Table B.2.8.10.3.1 provides the format for pricing TUCs supported by SDWANS. Table B.2.8.10.3.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.8.10.3.1 SDWANS TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.8.10.3.2 SDWANS TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
SD99990	SD99991	SD99992	SDWANS Task Order Unique	ICB	ICB

B.2.9 Access Arrangements

B.2.9.1 Access Arrangements Pricing

The technical requirements for Access Arrangements (AAs) are defined in Section C.2.9.

AAs connect the customer location to the contractor's POP. When the customer location is at the contractor's POP, no access charges shall apply. For pricing purposes, access is categorized in two ways:

1. Access Arrangements, which are priced within this section, connect the customer location to the contractor's network POP
2. Embedded access, where access prices are included with other service-specific prices, is defined in Section B.2

Switched access (both originating and terminating access) for CSDS, CSVS and TFS is always embedded, and its price is included in the applicable telecommunications service price. Switched access to other services may also be embedded. Access-related pricing information is found in the pricing section for the service being accessed.

SRE is not part of AA, but SRE is often used to meet the service requirements at the SDP when implemented between an access arrangement and the SDP(s). Prices for SRE required for use with AA to provide end-to-end service shall be provided in accordance with Section B.2.10.

For requirements regarding fixed pricing for non-domestic access, see Section J.1.3.2.

AA shall only be used in conjunction with other services provided under this contract. The price for providing access includes one or more of the following elements:

1. NRC
2. MRC
3. Usage
4. Feature Charges

For pricing purposes, the physical address of the SDP location will determine the PHub and will be used for the provision of access. See Section B.4.1 for PHub definitions and requirements.

Domestic Access MRCs depend on the specific access type used to provide the connection defined by the CLIN and a PHub. A PHub is used to group all locations with the same price and the same access service type to a unique identifier. PHubs are used only for pricing purposes. The contractor may decide to arrange pricing so that the PHubs reflect the physical concentration locations (PCLs). The contractor selects and assigns a PHub by Building NSC and access type. Five access types are defined for EIS:

1. Wireline Access
2. Ethernet Access
3. Cable Access
4. Fiber to the Premises (FTTP)
5. Wireless Access

PHubs do not apply to Non-Domestic MRCs. Access NRCs shall not vary by PHub, but may vary by country/jurisdiction.

Access prices for a location shall not increase as a result of NSC/PCL/PHub additions, deletions, redefinitions or relationship changes.

Tables B.2.9.1.1, B.2.9.1.1.1, B.2.9.1.1.1, B.2.9.1.3 and B.2.9.1.4 provide the formats for pricing information for access. Table B.2.9.1.1.1 shall be used to price domestic MRC and Usage ICB CLINs from Table B.2.9.1.5. Table B.2.9.1.5 provides applicable charging mechanisms and charging units and includes a charging mechanism for Scalable Ethernet Access.

Scalable Ethernet Access is ordered in anticipation of a future, temporary need for increased capacity. Scalable Shared Ethernet Access CLINs shall guarantee a committed bandwidth while ensuring the availability of the increased capacity. An

Ethernet Access Bandwidth-on-Demand usage CLIN shall provide the increased capacity and must be ordered for the period of time during which the increased capacity will be required. An example of a valid CLIN pairing is Ethernet Access Bandwidth-on-Demand usage CLIN AA00920 used with scalable Shared Ethernet Access MRC CLIN AA00901.

Table B.2.9.1.5 includes an expedited provisioning CLIN that shall be used to provision, within 24 hours rather than the standard provisioning period, an Ethernet Access CLIN at a higher bandwidth, provided the new access CLIN does not exceed the physical capacity of the existing access. This 24-hour provisioning shall be accomplished by ordering the expedited provisioning CLIN concurrent with the new, higher bandwidth Ethernet Access CLIN.

B.2.9.1.1 Domestic Access Prices Table (MRC and Usage)

CLIN	Case Number*	Task Order Number	PHub ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Pricing Hubs (as defined in B.4.1.7)

B.2.9.1.1.1 Domestic Access ICB Prices Table (MRC and Usage)

CLIN	Case Number	Task Order Number	NSC	Price	Price Start Date	Price Stop Date

B.2.9.1.2 Non-Domestic Access Prices Table (MRC and Usage)

CLIN	Case Number*	Task Order Number	NSC	Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.9.1.3 Domestic Access Prices Table (NRC)

NRC CLIN	Case Number*	Task Order Number	Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.9.1.4 Non-Domestic Access Prices Table (NRC)

NRC CLIN	Case Number*	Task Order Number	NSC	Country/ Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.9.1.5 Access Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
Wireline Access					
AA00001	AA00101		Basic Subscriber Line (4 KHz)	Circuit	Mandatory if PLS analog transport or CSVS is offered, optional otherwise
AA00002	AA00102		DS0	Circuit	
AA00003	AA00103		T1 (1.536 Mbps)	Circuit	
AA00004	AA00104		ISDN PRI	Circuit	
AA00005	AA00105		ISDN BRI	Circuit	
AA00006	AA00106		T3 (43.008 Mbps)	Circuit	
AA00007	AA00107		OC-3c	Circuit	
AA00008	AA00108		OC-12c	Circuit	ICB
AA00009	AA00109		OC-48c	Circuit	ICB
AA00010	AA00110		OC-192c	Circuit	ICB
AA00011	AA00111		OC-768c	Circuit	ICB, Optional
AA00012	AA00112		E1	Circuit	
AA00013	AA00113		E3	Circuit	

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
AA00014	AA00114		OWS 1 Gbps	Circuit	ICB
AA00015	AA00115		OWS 2.5 Gbps / OC-48	Circuit	ICB
AA00016	AA00116		OWS 10 Gbps/OC-192	Circuit	ICB
AA00017	AA00117		OWS 40 Gbps/OC-768	Circuit	ICB, Optional
AA00018	AA00118		DFS Fiber Pair	Fiber pair	ICB, Optional
AA00019	AA00119		SDSL – up to 1.5 Mbps	Circuit	ICB
AA00020	AA00120		ADSL – up to 1.5 Mbps download	Circuit	ICB
AA00021	AA00121		ADSL – up to 5 Mbps download	Circuit	ICB
AA00022	AA00122		ADSL – up to 8 Mbps download	Circuit	ICB
Ethernet Access					
AA00201	AA00301		Dedicated Ethernet 1 Mbps	Circuit	
AA00202	AA00302		Dedicated Ethernet 2 Mbps	Circuit	Optional
AA00203	AA00303		Dedicated Ethernet 3 Mbps	Circuit	
AA00204	AA00304		Dedicated Ethernet 5 Mbps	Circuit	Optional
AA00205	AA00305		Dedicated Ethernet 6 Mbps	Circuit	
AA00206	AA00306		Dedicated Ethernet 10 Mbps	Circuit	
AA00207	AA00307		Dedicated Ethernet 20 Mbps	Circuit	Optional
AA00208	AA00308		Dedicated Ethernet 30 Mbps	Circuit	Optional
AA00209	AA00309		Dedicated Ethernet 40 Mbps	Circuit	Optional
AA00210	AA00310		Dedicated Ethernet 50 Mbps	Circuit	Optional
AA00211	AA00311		Dedicated Ethernet 60 Mbps	Circuit	Optional
AA00212	AA00312		Dedicated Ethernet 70 Mbps	Circuit	Optional
AA00213	AA00313		Dedicated Ethernet 80 Mbps	Circuit	Optional
AA00214	AA00314		Dedicated Ethernet 90 Mbps	Circuit	Optional
AA00215	AA00315		Dedicated Ethernet 100 Mbps	Circuit	
AA00216	AA00316		Dedicated Ethernet 200 Mbps	Circuit	Optional
AA00217	AA00317		Dedicated Ethernet 300 Mbps	Circuit	Optional
AA00218	AA00318		Dedicated Ethernet 400 Mbps	Circuit	Optional
AA00219	AA00319		Dedicated Ethernet 500 Mbps	Circuit	Optional
AA00220	AA00320		Dedicated Ethernet 600 Mbps	Circuit	Optional
AA00221	AA00321		Dedicated Ethernet 700 Mbps	Circuit	Optional
AA00222	AA00322		Dedicated Ethernet 800 Mbps	Circuit	Optional

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
AA00223	AA00323		Dedicated Ethernet 900 Mbps	Circuit	Optional
AA00224	AA00324		Dedicated Ethernet 1 Gbps	Circuit	
AA00225	AA00325		Dedicated Ethernet 10 Gbps	Circuit	Optional
AA00226	AA00326		Dedicated Ethernet 20 Gbps	Circuit	Optional; ICB
AA00227	AA00327		Dedicated Ethernet 30 Gbps	Circuit	Optional; ICB
AA00228	AA00328		Dedicated Ethernet 40 Gbps	Circuit	Optional; ICB
AA00235	AA00335		Dedicated Ethernet 50 Gbps	Circuit	Optional; ICB
AA00236	AA00336		Dedicated Ethernet 60 Gbps	Circuit	Optional; ICB
AA00237	AA00337		Dedicated Ethernet 70 Gbps	Circuit	Optional; ICB
AA00238	AA00338		Dedicated Ethernet 80 Gbps	Circuit	Optional; ICB
AA00239	AA00339		Dedicated Ethernet 90 Gbps	Circuit	Optional; ICB
AA00240	AA00340		Dedicated Ethernet 100 Gbps	Circuit	Optional; ICB
AA00242	AA00342		Dedicated Ethernet 200 Gbps	Circuit	Optional; ICB
AA00244	AA00344		Dedicated Ethernet 400 Gbps	Circuit	Optional; ICB
AA00248	AA00348		Dedicated Ethernet 800 Gbps	Circuit	Optional; ICB
AA00250	AA00350		Dedicated Ethernet 1 Tbps	Circuit	Optional; ICB
AA00401	AA00501		Shared Ethernet 1 Mbps	Circuit	
AA00402	AA00502		Shared Ethernet 2 Mbps	Circuit	
AA00403	AA00503		Shared Ethernet 3 Mbps	Circuit	
AA00404	AA00504		Shared Ethernet 5 Mbps	Circuit	
AA00405	AA00505		Shared Ethernet 6 Mbps	Circuit	
AA00406	AA00506		Shared Ethernet 10 Mbps	Circuit	
AA00407	AA00507		Shared Ethernet 20 Mbps	Circuit	
AA00408	AA00508		Shared Ethernet 30 Mbps	Circuit	
AA00409	AA00509		Shared Ethernet 40 Mbps	Circuit	
AA00410	AA00510		Shared Ethernet 50 Mbps	Circuit	
AA00411	AA00511		Shared Ethernet 60 Mbps	Circuit	
AA00412	AA00512		Shared Ethernet 70 Mbps	Circuit	
AA00413	AA00513		Shared Ethernet 80 Mbps	Circuit	
AA00414	AA00514		Shared Ethernet 90 Mbps	Circuit	
AA00415	AA00515		Shared Ethernet 100 Mbps	Circuit	
AA00416	AA00516		Shared Ethernet 200 Mbps	Circuit	

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
AA00417	AA00517		Shared Ethernet 300 Mbps	Circuit	
AA00418	AA00518		Shared Ethernet 400 Mbps	Circuit	
AA00419	AA00519		Shared Ethernet 500 Mbps	Circuit	
AA00420	AA00520		Shared Ethernet 600 Mbps	Circuit	
AA00421	AA00521		Shared Ethernet 700 Mbps	Circuit	
AA00422	AA00522		Shared Ethernet 800 Mbps	Circuit	
AA00423	AA00523		Shared Ethernet 900 Mbps	Circuit	
AA00424	AA00524		Shared Ethernet 1 Gbps	Circuit	
AA00425	AA00525		Shared Ethernet 2 Gbps	Circuit	Optional
AA00426	AA00526		Shared Ethernet 3 Gbps	Circuit	Optional
AA00427	AA00527		Shared Ethernet 4 Gbps	Circuit	Optional
AA00428	AA00528		Shared Ethernet 5 Gbps	Circuit	Optional
AA00429	AA00529		Shared Ethernet 6 Gbps	Circuit	Optional
AA00430	AA00530		Shared Ethernet 7 Gbps	Circuit	Optional
AA00431	AA00531		Shared Ethernet 8 Gbps	Circuit	Optional
AA00432	AA00532		Shared Ethernet 9 Gbps	Circuit	Optional
AA00433	AA00533		Shared Ethernet 10 Gbps	Circuit	Optional
AA00434	AA00534		Shared Ethernet 20 Gbps	Circuit	Optional; ICB
AA00435	AA00535		Shared Ethernet 30 Gbps	Circuit	Optional; ICB
AA00436	AA00536		Shared Ethernet 40 Gbps	Circuit	Optional; ICB
AA00801	AA00901		Shared Ethernet Access 3 Mbps committed, scalable to 10 Mbps	Circuit	
AA00802	AA00902		Shared Ethernet Access 6 Mbps committed, scalable to 10 Mbps	Circuit	
AA00803	AA00903		Shared Ethernet Access 20 Mbps committed, scalable to 100 Mbps	Circuit	
AA00804	AA00904		Shared Ethernet Access 30 Mbps committed, scalable to 100 Mbps	Circuit	
AA00805	AA00905		Shared Ethernet Access 50 Mbps committed, scalable to 100 Mbps	Circuit	
AA00806	AA00906		Shared Ethernet Access 200 Mbps committed, scalable to 1 Gbps	Circuit	
AA00807	AA00907		Shared Ethernet Access 300 Mbps committed, scalable to 1 Gbps	Circuit	
AA00808	AA00908		Shared Ethernet Access 2 Gbps committed, scalable to 10 Gbps	Circuit	Optional
AA00809	AA00909		Shared Ethernet Access 3 Gbps committed, scalable to 10 Gbps	Circuit	Optional

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
		AA00920	Ethernet Access Bandwidth-on-Demand temporary bandwidth increase of 1 Mbps per day; 1 Mbps ≤ committed bandwidth < 10 Mbps	Mbps per day	Requires scalable Ethernet Access circuit
		AA00921	Ethernet Access Bandwidth-on-Demand temporary bandwidth increase of 10 Mbps per day; 10 Mbps ≤ committed bandwidth < 100 Mbps	10 Mbps per day	Requires scalable Ethernet Access circuit
		AA00922	Ethernet Access Bandwidth-on-Demand temporary bandwidth increase of 100 Mbps per day; 100 Mbps ≤ committed bandwidth < 1 Gbps	100 Mbps per day	Requires scalable Ethernet Access circuit
		AA00923	Ethernet Access Bandwidth-on-Demand temporary bandwidth increase of 1 Gbps per day; 1 Gbps ≤ committed bandwidth < 10 Gbps	Gbps per day	Optional. Requires scalable Ethernet Access circuit
AA00930			Expedited provisioning of Ethernet Access within 24 hours	Circuit	
Cable Access (Download/Upload)					
AA01001	AA01101		Cable Access (5 Mbps / 1 Mbps)	Connection	Optional
AA01002	AA01102		Cable Access (10 Mbps / 1 Mbps)	Connection	Optional
AA01003	AA01103		Cable Access (20 Mbps / 2 Mbps)	Connection	Optional
AA01004	AA01104		Cable Access (30 Mbps / 5 Mbps)	Connection	Optional
FTTP Access					
AA01201	AA01301		FTTP (5 Mbps downstream, 2 Mbps upstream)	Connection	Optional
AA01202	AA01302		FTTP (15 Mbps downstream, 2 Mbps upstream)	Connection	Optional
AA01203	AA01303		FTTP (30 Mbps downstream, 5 Mbps upstream)	Connection	Optional
Wireless Access					
AA01401	AA01501		Broadband Wireless DS1	Link*	ICB
AA01402	AA01502		Broadband Wireless DS3	Link*	ICB
AA01403	AA01503		Broadband Wireless OC-3	Link*	ICB
AA01404	AA01504		Broadband Wireless E1	Link*	ICB. Non-domestic only
AA01405	AA01505		Broadband Wireless E3	Link*	ICB. Non-domestic only
AA01406	AA01506		Broadband Wireless 1 Gbps	Link*	ICB
AA01407	AA01507		Broadband Wireless 5 Gbps	Link*	ICB
AA01408	AA01508		Broadband Wireless 10 Gbps	Link*	ICB

* Link is defined as a line-of-sight connection, or one hop, using licensed frequencies

Tables B.2.9.1.6 and B.2.9.1.7 provide the format for pricing information for Access Diversity and Avoidance Prices. Alternate PCL and POP data shall be included in the price table where applicable.

B.2.9.1.6 Access Diversity and Avoidance Prices Table

CLIN	Case Number*	Task Order Number	NSC	Primary PCL**	Price	Alternate PCL***	Alternate POP***	Price Start Date	Price Stop Date

* Applies only to ICB CLINs
** PCLs are defined in B.4.1.5
*** Where applicable

B.2.9.1.7 Access Diversity and Avoidance Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
AA01601	AA01701	Access Route or Path Diversity - Alternate PCL	Circuit	ICB. List both primary and alternate PCL
AA01602	AA01702	Access Route or Path Diversity - Alternate POP	Circuit	ICB. List primary PCL and alternate POP
AA01603	AA01703	Access Route or Path Diversity - Alternate PCL and POP	Circuit	ICB. List both primary and alternate PCL and alternate POP
AA01604	AA01704	Access Route or Path Avoidance	Circuit	ICB. List alternate PCL and POP where applicable

Special Access Construction may be required when certain conditions are applicable. See Section C.2.9.1.1 for a list of those conditions and the technical requirements. Tables B.2.9.1.8 and B.2.9.1.9 provide the pricing format.

Special Access Construction prices shall not be applicable to provision a circuit ordered by the CLINs in Table B.2.9.1.5 if:

1. A domestic building NSC is mapped to a PHub ID in Table B.4.1.7 for which a price exists on contract in Table B.2.9.1.1, or
2. A non-domestic price exists for the NSC/CLIN combination in Table B.2.9.1.1.1

unless the contractor proves that sufficient capacity is not available solely for the Government.

For each ICB Special Access Construction price, the contractor shall perform a Site Survey and shall provide a Site Survey Estimate with the TO proposals or as specified in each TO. Site Surveys for Special Access Construction are priced under Cable and Wiring in Table B.2.12.1. The estimate must include sufficient information to establish

that the special construction price is fair and reasonable. Section J.10 includes a Site Survey Estimate Template for Special Access Construction that identifies the type of data required.

B.2.9.1.8 Special Access Construction Prices Table

CLIN	Case Number	Task Order Number	NSC	PCL*	Price	Price Start Date	Price Stop Date

* PCLs are defined in B.4.1.5

B.2.9.1.9 Special Access Construction Pricing Instructions Table

NRC CLIN	Description	Charging Unit	Notes
AA01801	Special Access Construction	ICB	ICB

Tables B.2.9.1.10 and B.2.9.1.11 provide the format for pricing information for the features available with the access arrangement.

B.2.9.1.10 Access Feature Prices Table

CLIN	Case Number	Task Order Number	Country/Jurisdiction ID*	Price	Price Start Date	Price Stop Date

* Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.9.1.11 Access Feature Pricing Instructions Table

NRC CLIN	MRC CLIN	Description	Charging Unit	Notes
AA02001	AA02101	Channelized or Non-Concatenated Access Circuit	Circuit	NSP. Contractor shall use this CLIN to indicate that a channelized or non-concatenated circuit is being ordered (instead of un-channelized or concatenated) at no additional cost

B.2.9.1.12 Access Arrangement Task Order Unique CLINs

Table B.2.9.1.12.1 provides the format for pricing TUCs supported by AA. Table B.2.9.1.12.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.9.1.12.1 Access Arrangement TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.9.1.12.2 Access Arrangement TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
AA99990	AA99991	AA99992	Access Arrangement Task Order Unique	ICB	ICB

B.2.10 Service Related Equipment

The technical requirements for Service Related Equipment (SRE) are defined in Section C.2.10.

Unless otherwise specifically agreed to by the government, all equipment (hardware, firmware, and software) needed on the contractor's side of the demarcation to provide a service is part of the service and shall not be separately priced as SRE.

B.2.10.1 Definition and Online Catalog Requirement

SRE refers to separately identifiable and separately priced hardware, firmware, and software components, along with the installation, maintenance, relocation and/or removal associated with an EIS service.

SRE shall be ancillary to services acquired under this contract.

The contractor shall develop and maintain an online catalog of SRE offerings and pricing in accordance with the requirements specified in Section B.1.3.

The SRE Catalog provided by the contractor shall, at a minimum, contain the data elements defined in this section. In addition, the contractor shall list, where available, the month and year of model introduction, provide references to this information on its websites, or indicate how to find this information on the manufacturer's website. If the model introduction date is unavailable, or is an estimate, then the contractor shall indicate this in its catalog. Other information may be provided by the contractor in its catalog at its option.

B.2.10.2 Catalog Requirements for Pricing Information

SRE NRC prices shall be based on a discount from the Official List Price (OLP) as described in this section. The SRE OLP shall be the manufacturer's OLP. The contractor shall identify the trade name(s) for the OLP (e.g., MSRP, OEM list price). The information needed to determine a single discounted CONUS NRC shall be included in

the contractor's SRE Catalog as defined in Tables B.2.10.2.1 and B.2.10.2.2 below. Charging mechanisms are defined in Table B.2.10.2.3.

B.2.10.2.1 SRE Catalog – Product Specification Table

CLIN	Case Number	SRE Type	Manufacturer	Model No.	Part No.	UPC	Model/Part Description	Device Size	Rated for Energy Efficiency Compliance	Energy Efficiency Standards and Ratings	OLP	No List Price	Device Class ID	SRE MRC Options	Start Date	Stop Date	End of Sale Date	End of Life Date	Notes
		S, B, C, or A							*Y/N*				*(From Table B.2.10.2.2)*						

Table notes:

1. SRE Type: S (stand-alone), B (base unit), C (configurable component), or A (accessory) - see definitions in Section B.2.10.5.
2. SRE model numbers and SRE part numbers shall be specified by the contractor. Where a model number is not available, insert "N/A". Part number shall be the manufacturer's part number.
3. For each unique case number, the combination of Manufacturer+Model No.+Part No. shall be unique.
4. SRE descriptions shall be sufficiently complete that all capabilities and limitations of the SRE, as priced, are clear to the government.
5. Device Size: a numerical value from 1 to 5 representing the size of the SRE for device management purposes (see Section B.2.8.1.3): 1=extra small, 2=small, 3=medium, 4=large, 5=extra large
6. Energy Efficiency Standards and Ratings: The contractor shall itemize all energy efficiency ratings such as FEMP, EPEAT, Energy Star, etc. in this column.
7. No List Price: "T" if the price appearing in the OLP column is not an official list price, "F" otherwise.
8. SRE MRC Options: null for SRE Type A, otherwise an array value containing the monthly payment options being offered from the set {12, 24, 36, 48}.
9. End of Sale Date shall be the effective date after which an item may no longer be purchased. Stop Date shall not be later than End of Sale Date.
10. End of Life Date shall be the effective date after which an item is no longer supported by the contractor.

The discount to be applied to the OLP is determined by the Device Class ID. The device class elements are shown in Table B.2.10.2.2. The SRE NRC shall be the OLP less the discount for the device class.

B.2.10.2.2 SRE Device Class Discount Table

Device Class ID*	Device Class Description**	Task Order Number	Percentage Discount from OLP**	Start Date	Stop Date
6000					
…					
6999					

* The number of device classes shall be selected by the contractor from within the range shown
** The Device Class Description and the Percentage Discount for each device class shall be constant and fixed through the life of the contract, unless changed by contract modification (the Start and Stop Dates shall only apply when a change is caused by contract modification).

If the OLP is not available for a particular SRE, the SRE NRC shall be agreed upon between the contractor and the ordering agency at time of TO award. In Table B.2.10.2.1, the contractor shall populate the OLP column with the agreed upon price,

populate the No List Price column with “T”, and specify a device class having a discount of zero. Other price elements shall be provided as appropriate and available.

B.2.10.2.3 SRE Instruction Table

CLIN	Frequency	Description	Charging Unit	Notes
EQ90001	NRC	SRE Catalog Item	ICB	ICB

B.2.10.3 Specific Catalog Requirements for SRE Pricing

The contractor’s catalog shall include some or all of the following SRE pricing elements:

- An NRC for initial installation and outside moves of SRE connected at a fixed location. The installation NRC is not applicable for Configurable Component SRE.
- An NRC for inside moves of SRE at a fixed location (i.e., an equipment move within same premises without change of the access arrangement). The inside move NRC is not applicable for Configurable Component or Accessory SRE.
- An NRC for on-site modification or upgrade of installed equipment at a fixed location. For a mobile SRE, this pricing element shall apply for an off-site modification or upgrade of delivered equipment, including all associated transportation costs associated with drop-off and return. The upgrade NRC for a Base Unit of a Packaged SRE includes the subsequent installation of one or more Configurable Components at the same time for an already installed Base Unit. The upgrade NRC is not applicable for Configurable Component or Accessory SRE.
- A monthly maintenance charge (MMC) for ongoing maintenance, starting with the accepted installation or completed delivery of the SRE. The upgrade or modification of SRE that is a patch, reload, replacement, add-on, or adjustment to remove design, manufacturing, or programming defects or faults; remove unexpected security liabilities; effect compatibility with formalized standards, or other similar actions of the type typically recommended by the manufacturer to assure optimal performance, shall be part of normal SRE maintenance, is covered by the MMC, and shall not be subject to an additional NRC.
- SRE MRCs for an indeterminate month-to month MRC or for fixed durations of 24, 36, or 48 months. The agency will select either an SRE NRC or SRE MRC and duration at time of order. At the end of the contract, all SRE MRCs terminate regardless of any remaining months in the selected time period.

Reference Table B.2.10.3.1 shows the pricing elements that shall be provided with each SRE included in the contractor's SRE Catalog. Additional pricing elements may be defined upon request by the contractor.

B.2.10.3.1 SRE Pricing Elements Reference

SRE Pricing Element	Description of SRE Pricing Element	Frequency	Calculated Price
1	SRE NRC	NRC	T
2	Installation NRC	NRC	F
3	Monthly Maintenance Charge (MMC)	MRC	F
4	Inside Move NRC	NRC	F
5	Upgrade NRC	NRC	F
12	Month-to-Month MRC	MRC	T
24	24-Month Installment MRC	MRC	T
36	36-Month Installment MRC	MRC	T
48	48-Month Installment MRC	MRC	T

Table B.2.10.3.2 shows the information that shall be provided to price each SRE pricing element identified for a given SRE in the contractor's catalog. The contractor shall use Table B.2.10.3.2 to price only those pricing elements from Table B.2.10.3.1 where the Calculated Price="F". Pricing elements where the Calculated Price="T" in Table B.2.10.3.1 shall not be priced by the contractor in Table B.2.10.3.2 but instead will be calculated by the government.

B.2.10.3.2 SRE Catalog Prices Table

CLIN	Case Number	SRE Pricing Element	Task Order Number	AOW ID	Price	Price Start Date	Price Stop Date
(from Table B.2.10.2.1)	*(from Table B.2.10.2.1)*	*(integer value from Table B.2.10.3.1)*		*(from Table B.2.10.10.1)*			

De-installation of contractor-owned SRE installed on the customer's premises, including storage, packaging for shipment, and/or transportation, shall be provided by the contractor at no additional charge to the government. For end-user mobile devices such as phones and tablets, de-installation means arranging for return of the device to the contractor at no additional charge to the government.

B.2.10.4 Payment Methods

The contractor shall offer the government a choice of two methods to pay for use of each SRE. The government will decide which payment method to select at the time of order.

1. (SRE Pricing Element 1) One-time charge for use of SRE paid in a single installment, the SRE NRC.
2. (SRE Pricing Elements 12, 24, 36, and 48) Equal monthly SRE MRC installments for an indeterminate term month-to-month arrangement, or for a fixed designated period of either 24, 36, or 48 months, as defined by the contractor for a particular SRE, starting once service has been accepted by the user agency. The SRE MRC charges shall be computed by dividing the SRE NRC by the designated period (month-to-month shall use 12 as the designated period), and multiplying by the appropriate Monthly Payment Factor from Table B.2.10.4.1.

B.2.10.4.1 SRE Monthly Payment Factor Table

SRE Pricing Element	Cost-of-Money Percent (rate per annum)*	Margin Percent**	Monthly Payment Percent***	Monthly Payment Factor****	Start Date	Stop Date
12						
24						
36						
48						

* Cost-of-Money Percent will be populated by the government and will remain constant for a six-month period
** Margin Percent shall be specified by the contractor and remain constant for the life of the contract
*** Monthly Payment Percent shall be equal to (Cost-of-Money Percent + Margin Percent)
**** Monthly Payment Factor shall be equal to 100% + Monthly Payment Percent, converted to decimal format (e.g., 100% + 4% = 104%= 1.04)

The Cost-of-Money Percent for SRE MRC shall be based on the floating index rate specified below. The floating index rate shall be the monthly average yield, as established every six months, in percent per annum on Treasury securities adjusted to constant maturities. The monthly index rate used shall be the rate published in the Federal Reserve Statistical Release H.15 on the first business day of January and the first business day of July of each year. This index rate shall be in effect on a semiannual basis, from the fifteenth of the month in which it is published to the fourteenth of the following sixth month. For orders that use SRE MRC for a device, the index rate used to compute the cost of money factor shall be the index rate in effect on the date the order is issued. Where the order is for a rental period (e.g., 48 months) different from the

periods listed for Treasury securities (e.g., 2, 3, and 5 years) in H.15, the index rate used shall be the rate available for the next longer period (e.g., 5 years).

SRE NRC and its associated SRE MRCs shall be those that are in effect at the time a particular SRE is ordered (i.e., the price of the SRE is the price in effect on the agency_order_sent_date on the SOCN). This price shall apply throughout the in-service life of the ordered SRE, irrespective of subsequent price changes for that SRE NRC and its associated SRE MRC(s) shown in the contractor catalog. This requirement does not apply to SRE NRCs for moves and changes, or to the MMC.

If an SRE MRC period selected by a user is terminated by the user before the period has concluded (for the purpose of having SRE removed by the contractor), in addition to all applicable SRE MRCs due up to the notice of termination, a refurbishment payment equal to 25% of the remaining projected payments due for the selected SRE MRC term period shall apply. However, in no case shall the amount of the refurbishment payment exceed the SRE NRC. If a user initially selects an SRE MRC payment term, and subsequently chooses to terminate its SRE MRC payment term early and continue using the associated SRE, the user shall pay the SRE NRC, less the cumulative SRE MRC payments (exclusive of finance charges defined by the Monthly Payment Factor) paid up to the time of notification of such selection.

Table B.2.10.4.2 provides the format for pricing SRE MRC early termination and Table B.2.10.4.3 provides the charging mechanisms.

B.2.10.4.2 SRE MRC Term Period Early Termination Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.10.4.3 SRE MRC Term Period Early Termination Pricing Instructions Table

NRC CLIN	Description	Charging Unit	Notes
EQ99998	SRE MRC term period early termination with removal of SRE by contractor	ICB	ICB
EQ99999	SRE MRC term period early termination with continued use of SRE by user	ICB	ICB

Because all SRE MRC payments automatically cease on the end date of this contract, the contractor may decline to provide SRE MRC term periods that are longer than the then-remaining maximum potential term of the contract. If the contract is terminated for

convenience, or the government elects not to exercise an option period, any active SRE MRC term periods for SRE cut short by such an event shall be subject to the same rules that would apply for a user-requested early termination of a SRE MRC term.

The payment method for a separately priced, additional configurable component element in a packaged SRE shall be consistent with that selected for the base unit, except when an additional configurable component is added to a base unit after the initial installation/delivery of the packaged unit has been accepted by the user. The payment method for an accessory shall be to pay for it in a single installment (SRE NRC). When a user selects the single installment payment method for a packaged unit, the single installment price shall include the SRE NRCs of all components of the fully functional packaged unit at time of its installation/delivery.

In certain cases, orders may be renewed annually due to the type of funding used. The government's commitment on order renewal may be limited by funds availability.

B.2.10.5 Pricing Types

SRE pricing shall allow for multiple SRE types. Some types are stand-alone self-sufficient units that include all needed SRE functions for that type, while others are component based and may be configured in a variety of ways to offer different functionality. The following SRE types may be priced separately:

- Stand-alone units
- Packaged units consisting of one or more of the following:
  - Base units of packaged SRE
  - Configurable components
- Accessories

B.2.10.5.1 Stand-Alone Unit

An SRE stand-alone unit is a self-contained, fully functioning device (e.g., a CSU/DSU or handset). No separately-priced plug-in, attachable, or loadable components to modify or upgrade its performance or essential functionality are provided. Each stand-alone SRE unit shall be separately priced.

B.2.10.5.2 Packaged Unit

A SRE packaged unit consists of a package of component elements including a separately-priced "base unit" (containing all minimally-required elements) and a variable list of separately-priced additional configurable components. Examples of packaged units include routers, smart multiplexers, and Very Small Aperture Terminals (VSATs).

B.2.10.5.2.1 Base Unit

The SRE base unit shall include only those underlying base components that are needed to support the common or shared functions of the equipment before the addition of the configurable components. Accordingly, the SRE base unit price shall include common use components such as chassis, shelves, interconnecting and power cables, internal power supply(s), mounting fixtures, antenna, CPU and the hardware and firmware/software components of basic memory and operating system, as applicable.

B.2.10.5.2.2 Configurable Components

Configurable components are those separately-priced components needed to equip the base unit of packaged SRE for a specific billed user at the service location.

Such configurable components shall include the plug-in, attachable, or loadable items such as line, circuit, network, and feature cards/blades, memory and/or operating system upgrades, and other firmware or software items needed to configure the base unit so that it can fully implement the required functionality of the packaged SRE. Additional components may be added separately to upgrade or modify a previously installed packaged unit.

B.2.10.5.3 Accessories

Accessories enhance the use of a device, but are not needed to implement the essential function(s) of the device (e.g., a spare battery or carrying case for a cellular/ mobile satellite device, or an additional copy of a user manual).

B.2.10.6 Monthly Maintenance Charges

An MMC shall apply to each installed/delivered stand-alone SRE unit and/or each installed/delivered base unit of a packaged SRE unit. The ongoing MMC shall cover all maintenance/repair costs for the SRE during its installed life, and shall include the stocking of needed maintenance spares, and any necessary hardware, firmware, and software upgrades required to maintain its functionality and usability during its supported life.

MMC shall not be permitted for the separately-priced additional individual configurable components of a packaged SRE unit or for SRE accessories, except where such components have an OLP equal to or greater than $5,000.

B.2.10.7 Wireless SRE Termination of Support

For wireless mobile devices only, the notice period for termination of support described in Section B.1.4 shall be at least 30 days prior to when the contractor no longer offers a particular device. For wireless mobile device accessories only, the notice period for

termination of support described in Section B.1.4 shall be at least 120 days prior to when the contractor no longer offers a particular accessory or its equivalent.

B.2.10.8 Government Option to Assume Ownership

The government may, at its sole discretion, following payment of the SRE NRC or at completion of the SRE MRC payment term, assume ownership of the SRE, as described in FAR 52.207-5. When the government has assumed ownership of SRE, the user will have the option to continue receiving maintenance from the contractor. In this case, the contractor shall provide the same level of maintenance at the MMC established for the SRE when it was contractor-owned. Continued support following a change in ownership is subject to the termination of support provision in Section B.2.10.7.

B.2.10.9 Abandonment

Unless otherwise agreed to by the user, the contractor shall not abandon or otherwise leave behind contractor-provided and contractor-owned equipment that was installed at a user site and that is no longer invoiced, either during the term of the contract or at end of contract. Such fixed location equipment shall be removed within 45 days after the last effective billing period, or within 10 business days following a formal government request. This provision shall not apply to unbilled maintenance spares in place in support of billed equipment at the same site or to in-place equipment that is in the process of change of ownership pursuant to B.2.10.8.

B.2.10.10 Area of the World Price Adjustment Factor

SRE pricing may be adjusted to reflect certain cost differentials associated with provision of SRE at OCONUS and Non-Domestic locations. Pricing may be adjusted by use of a factor applied to the CONUS catalog prices. These factors may be applied, for example, when a foreign government requires an item needed under this contract to be manufactured or purchased within its country.

Area of the world (AOW) price adjustments shall be identified and specified in the contractor's catalog in accordance with the AOW price adjustment factors. These factors may be "1" or greater or less than "1". The CONUS factor shall be 1.0. The contractor shall specify an AOW price adjustment factor for each Area of the World in Table B.2.10.10.1 below where the contractor offers SRE in at least one of the Country/Jurisdictions contained in that AOW. The correlation of an AOW ID with a particular Country/Jurisdiction ID is provided in Table B.4.2.1.

B.2.10.10.1 Area of the World Price Adjustment Factor

Area of the World (AOW)	AOW ID	AOW Price Adjustment Factor*	Start Date	Stop Date
CONUS	200000	1.0		
Alaska, Guam, Hawaii, Puerto Rico, and USVI (OCONUS)	200001			
American Samoa, CNMI, Marshall Islands, Micronesia, Palau, Midway Island, and Wake Island (OCONUS)	200002			
Canada, Mexico, and Bermuda	200003			
Central, South America, and the Caribbean	200004			
Europe (Western & Eastern Europe)	200005			
Middle East (including Egypt and Turkey)	200006			
Russia and Eurasian Area	200007			
Japan, the Philippines, South Korea, and Taiwan	200008			
Rest of Asia (North, South, and Southeast Asia)	200009			
Australia / New Zealand	200010			
Northern Africa	200011			
Sub-Saharan Africa	200012			
Antarctica	200013			
Rest of World	200014			

* Factors shall be constant and fixed through the life of the contract unless changed by contract modification (the Start and Stop dates shall only apply to a change of price adjustment factor caused by contract modification). For each row of the table, the initial Start Date shall be the contract award date, and the initial Stop Date shall be the contract termination date.

B.2.11 Service Related Labor

B.2.11.1 Labor Service

The technical requirements for Service Related Labor are described in Section C.2.11.

Labor service performed under this contract shall be on a time and materials or firm fixed price basis.

B.2.11.2 Labor Categories

The labor categories included in this contract are described in Section J.5.

For each labor category in this contract, Table B.2.11.7.2 indicates the applicable Bureau of Labor Statistics Standard Occupational Classification (BLS-SOC) O*NET

code and the occupational group index that will be applied to escalate labor rates for that labor category.

Labor categories are further subdivided into three levels: Junior, Journeyman, and Senior / Subject Matter Expert (SME), based on years of experience and duties/responsibilities as follows:

- JUNIOR: An individual in the Junior labor category level has up to 3 years of applicable experience. Such an individual is responsible for assisting more senior positions and/or performing functional duties under the oversight of more senior positions.
- JOURNEYMAN: An individual in the Journeyman labor category level has 3 to 10 years of applicable experience. Such an individual typically performs all functional duties independently.
- SENIOR/SME: An individual in the Senior / Subject Matter Expert (SME) labor category has more than 10 years of applicable experience, or is an individual whose qualifications or expertise are exceptional, or is recognized as an industry leader for a given area of expertise. Such an individual performs all functional duties independently, and may oversee the efforts of less senior staff and/or be responsible for the efforts of all staff assigned to a specific job.

B.2.11.3 CONUS Pricing

The contractor shall propose fixed, fully-loaded prices for the labor categories specified in Section J.5 for CONUS (see Section J.12 for definitions of CONUS, OCONUS and Non-Domestic).

For each labor category, the contractor shall propose an on-site (i.e., on government premises) and an off-site (i.e., on contractor premises) price, in two separate CLINs. The contract prices shall stay in effect for the duration of the contract or until contract modifications have been executed to delete or update the prices. Prices provided in the Service Related Labor tables shall be maximum hourly rates for any location in CONUS during normal business hours.

B.2.11.4 Other than CONUS Pricing

The contractor shall provide pricing for OCONUS and Non-Domestic locations only at the TO level.

The U.S. Department of State's Bureau of Administration, Office of Allowances, publishes quarterly report indexes of living costs abroad, per-diem rate maximums, quarter's allowances, hardship differentials, and danger pay allowances.

The Department of State Standardized Regulations (DSSR) control the allowances and benefits available to all U.S. Government civilians assigned to foreign areas. For TOs issued under this contract, civilians employed by the contractor who are assigned to foreign areas may receive the allowances and benefits in the DSSR, but shall not receive allowances and benefits in excess of those identified in the DSSR.

B.2.11.5 Travel

Travel costs may be firm fixed price or reimbursed at actual cost in accordance with the limitations set forth in FAR 31.205-46 (GSA Class Deviation RFO-2025-31) and in applicable agency-specific regulatory supplements. Travel costs shall be priced in Table B.2.11.7.3.1 using a Service Related Labor TUC.

B.2.11.6 Materials

Materials are defined and priced in accordance with FAR 16.601 (GSA Class Deviation RFO-2025-16). Material costs shall be priced in Table B.2.11.7.3.1 using a Service Related Labor TUC.

B.2.11.7 Service Related Labor Price Structure

Pricing for Service Related Labor shall include the maximum hourly rate for each CLIN.

B.2.11.7.1 Service Related Labor Prices Table

CLIN*	Case Number**	Task Order Number	Country/Jurisdiction ID***	Max Hourly Rate	Rate Start Date	Rate Stop Date

* CLINs are listed in Table B.2.11.7.2
** Applies only to ICB CLINs
*** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.11.7.2 Service Related Labor Pricing Instructions Table

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00001	Business Continuity Planner	13-1199.04	Professional and related	Junior	G	Usage	Hour
LA00002	Business Continuity Planner	13-1199.04	Professional and related	Journeyman	G	Usage	Hour
LA00003	Business Continuity Planner	13-1199.04	Professional and related	Senior/SME	G	Usage	Hour

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00004	Business Continuity Planner	13-1199.04	Professional and related	Junior	C	Usage	Hour
LA00005	Business Continuity Planner	13-1199.04	Professional and related	Journeyman	C	Usage	Hour
LA00006	Business Continuity Planner	13-1199.04	Professional and related	Senior/SME	C	Usage	Hour
LA00007	Computer Network Architect	15-1143.00	Professional and related	Junior	G	Usage	Hour
LA00008	Computer Network Architect	15-1143.00	Professional and related	Journeyman	G	Usage	Hour
LA00009	Computer Network Architect	15-1143.00	Professional and related	Senior/SME	G	Usage	Hour
LA00010	Computer Network Architect	15-1143.00	Professional and related	Junior	C	Usage	Hour
LA00011	Computer Network Architect	15-1143.00	Professional and related	Journeyman	C	Usage	Hour
LA00012	Computer Network Architect	15-1143.00	Professional and related	Senior/SME	C	Usage	Hour
LA00013	Computer Network Support Specialist	15-1152.00	Professional and related	Junior	G	Usage	Hour
LA00014	Computer Network Support Specialist	15-1152.00	Professional and related	Journeyman	G	Usage	Hour
LA00015	Computer Network Support Specialist	15-1152.00	Professional and related	Senior/SME	G	Usage	Hour
LA00016	Computer Network Support Specialist	15-1152.00	Professional and related	Junior	C	Usage	Hour
LA00017	Computer Network Support Specialist	15-1152.00	Professional and related	Journeyman	C	Usage	Hour
LA00018	Computer Network Support Specialist	15-1152.00	Professional and related	Senior/SME	C	Usage	Hour

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00019	Computer Systems Analyst	15-1121.00	Professional and related	Junior	G	Usage	Hour
LA00020	Computer Systems Analyst	15-1121.00	Professional and related	Journeyman	G	Usage	Hour
LA00021	Computer Systems Analyst	15-1121.00	Professional and related	Senior/SME	G	Usage	Hour
LA00022	Computer Systems Analyst	15-1121.00	Professional and related	Junior	C	Usage	Hour
LA00023	Computer Systems Analyst	15-1121.00	Professional and related	Journeyman	C	Usage	Hour
LA00024	Computer Systems Analyst	15-1121.00	Professional and related	Senior/SME	C	Usage	Hour
LA00025	Computer Systems Engineers/ Architect	15-1199.02	Professional and related	Junior	G	Usage	Hour
LA00026	Computer Systems Engineers/ Architect	15-1199.02	Professional and related	Journeyman	G	Usage	Hour
LA00027	Computer Systems Engineers/ Architect	15-1199.02	Professional and related	Senior/SME	G	Usage	Hour
LA00028	Computer Systems Engineers/ Architect	15-1199.02	Professional and related	Junior	C	Usage	Hour
LA00029	Computer Systems Engineers/ Architect	15-1199.02	Professional and related	Journeyman	C	Usage	Hour
LA00030	Computer Systems Engineers/ Architect	15-1199.02	Professional and related	Senior/SME	C	Usage	Hour
LA00031	Customer Service Representative	43-4051.00	Service Occupations	Junior	G	Usage	Hour
LA00032	Customer Service Representative	43-4051.00	Service Occupations	Journeyman	G	Usage	Hour
LA00033	Customer Service Representative	43-4051.00	Service Occupations	Senior/SME	G	Usage	Hour

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00034	Customer Service Representative	43-4051.00	Service Occupations	Junior	C	Usage	Hour
LA00035	Customer Service Representative	43-4051.00	Service Occupations	Journeyman	C	Usage	Hour
LA00036	Customer Service Representative	43-4051.00	Service Occupations	Senior/SME	C	Usage	Hour
LA00037	Database Administrator	15-1141.00	Professional and related	Junior	G	Usage	Hour
LA00038	Database Administrator	15-1141.00	Professional and related	Journeyman	G	Usage	Hour
LA00039	Database Administrator	15-1141.00	Professional and related	Senior/SME	G	Usage	Hour
LA00040	Database Administrator	15-1141.00	Professional and related	Junior	C	Usage	Hour
LA00041	Database Administrator	15-1141.00	Professional and related	Journeyman	C	Usage	Hour
LA00042	Database Administrator	15-1141.00	Professional and related	Senior/SME	C	Usage	Hour
LA00043	Database Architect	15-1199.06	Professional and related	Junior	G	Usage	Hour
LA00044	Database Architect	15-1199.06	Professional and related	Journeyman	G	Usage	Hour
LA00045	Database Architect	15-1199.06	Professional and related	Senior/SME	G	Usage	Hour
LA00046	Database Architect	15-1199.06	Professional and related	Junior	C	Usage	Hour
LA00047	Database Architect	15-1199.06	Professional and related	Journeyman	C	Usage	Hour
LA00048	Database Architect	15-1199.06	Professional and related	Senior/SME	C	Usage	Hour
LA00049	Electrical Drafter – Computer Aided Design (CAD) Operator	17-3012.02	Professional and related	Junior	G	Usage	Hour
LA00050	Electrical Drafter – Computer Aided Design (CAD) Operator	17-3012.02	Professional and related	Journeyman	G	Usage	Hour

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00051	Electrical Drafter – Computer Aided Design (CAD) Operator	17-3012.02	Professional and related	Senior/SME	G	Usage	Hour
LA00052	Electrical Drafter – Computer Aided Design (CAD) Operator	17-3012.02	Professional and related	Junior	C	Usage	Hour
LA00053	Electrical Drafter – Computer Aided Design (CAD) Operator	17-3012.02	Professional and related	Journeyman	C	Usage	Hour
LA00054	Electrical Drafter – Computer Aided Design (CAD) Operator	17-3012.02	Professional and related	Senior/SME	C	Usage	Hour
LA00055	Information Security Analyst	15-1122.00	Professional and related	Junior	G	Usage	Hour
LA00056	Information Security Analyst	15-1122.00	Professional and related	Journeyman	G	Usage	Hour
LA00057	Information Security Analyst	15-1122.00	Professional and related	Senior/SME	G	Usage	Hour
LA00058	Information Security Analyst	15-1122.00	Professional and related	Junior	C	Usage	Hour
LA00059	Information Security Analyst	15-1122.00	Professional and related	Journeyman	C	Usage	Hour
LA00060	Information Security Analyst	15-1122.00	Professional and related	Senior/SME	C	Usage	Hour
LA00061	Information Technology Project Manager	15-1199.09	Management, business, and financial	Junior	G	Usage	Hour
LA00062	Information Technology Project Manager	15-1199.09	Management, business, and financial	Journeyman	G	Usage	Hour

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00063	Information Technology Project Manager	15-1199.09	Management, business, and financial	Senior/SME	G	Usage	Hour
LA00064	Information Technology Project Manager	15-1199.09	Management, business, and financial	Junior	C	Usage	Hour
LA00065	Information Technology Project Manager	15-1199.09	Management, business, and financial	Journeyman	C	Usage	Hour
LA00066	Information Technology Project Manager	15-1199.09	Management, business, and financial	Senior/SME	C	Usage	Hour
LA00067	Network and Computer Systems Administrator	15-1142.00	Professional and related	Junior	G	Usage	Hour
LA00068	Network and Computer Systems Administrator	15-1142.00	Professional and related	Journeyman	G	Usage	Hour
LA00069	Network and Computer Systems Administrator	15-1142.00	Professional and related	Senior/SME	G	Usage	Hour
LA00070	Network and Computer Systems Administrator	15-1142.00	Professional and related	Junior	C	Usage	Hour
LA00071	Network and Computer Systems Administrator	15-1142.00	Professional and related	Journeyman	C	Usage	Hour
LA00072	Network and Computer Systems Administrator	15-1142.00	Professional and related	Senior/SME	C	Usage	Hour
LA00073	Software Developer–Applications	15-1132.00	Professional and related	Junior	G	Usage	Hour
LA00074	Software Developer – Applications	15-1132.00	Professional and related	Journeyman	G	Usage	Hour
LA00075	Software Developer – Applications	15-1132.00	Professional and related	Senior/SME	G	Usage	Hour

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00076	Software Developer – Applications	15-1132.00	Professional and related	Junior	C	Usage	Hour
LA00077	Software Developer – Applications	15-1132.00	Professional and related	Journeyman	C	Usage	Hour
LA00078	Software Developer – Applications	15-1132.00	Professional and related	Senior/SME	C	Usage	Hour
LA00079	Software Developer – Systems Software	15-1133.00	Professional and related	Junior	G	Usage	Hour
LA00080	Software Developer – Systems Software	15-1133.00	Professional and related	Journeyman	G	Usage	Hour
LA00081	Software Developer – Systems Software	15-1133.00	Professional and related	Senior/SME	G	Usage	Hour
LA00082	Software Developer – Systems Software	15-1133.00	Professional and related	Junior	C	Usage	Hour
LA00083	Software Developer – Systems Software	15-1133.00	Professional and related	Journeyman	C	Usage	Hour
LA00084	Software Developer – Systems Software	15-1133.00	Professional and related	Senior/SME	C	Usage	Hour
LA00085	Software Quality Assurance Engineer/ Tester	15-1199.01	Professional and related	Junior	G	Usage	Hour
LA00086	Software Quality Assurance Engineer/ Tester	15-1199.01	Professional and related	Journeyman	G	Usage	Hour
LA00087	Software Quality Assurance Engineer/ Tester	15-1199.01	Professional and related	Senior/SME	G	Usage	Hour

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00088	Software Quality Assurance Engineer/ Tester	15-1199.01	Professional and related	Junior	C	Usage	Hour
LA00089	Software Quality Assurance Engineer/ Tester	15-1199.01	Professional and related	Journeyman	C	Usage	Hour
LA00090	Software Quality Assurance Engineer/ Tester	15-1199.01	Professional and related	Senior/SME	C	Usage	Hour
LA00091	Sustainability Specialist	13-1199.05	Professional and related	Junior	G	Usage	Per Hour
LA00092	Sustainability Specialist	13-1199.05	Professional and related	Journeyman	G	Usage	Per Hour
LA00093	Sustainability Specialist	13-1199.05	Professional and related	Senior/SME	G	Usage	Per Hour
LA00094	Sustainability Specialist	13-1199.05	Professional and related	Junior	C	Usage	Per Hour
LA00095	Sustainability Specialist	13-1199.05	Professional and related	Journeyman	C	Usage	Per Hour
LA00096	Sustainability Specialist	13-1199.05	Professional and related	Senior/SME	C	Usage	Per Hour
LA00097	Telecommunications Engineering Specialist	15-1143.01	Professional and related	Junior	G	Usage	Hour
LA00098	Telecommunications Engineering Specialist	15-1143.01	Professional and related	Journeyman	G	Usage	Hour
LA00099	Telecommunications Engineering Specialist	15-1143.01	Professional and related	Senior/SME	G	Usage	Hour
LA00100	Telecommunications Engineering Specialist	15-1143.01	Professional and related	Junior	C	Usage	Hour
LA00101	Telecommunications Engineering Specialist	15-1143.01	Professional and related	Journeyman	C	Usage	Hour

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00102	Telecommunications Engineering Specialist	15-1143.01	Professional and related	Senior/SME	C	Usage	Hour
LA00103	Telecommunications Equipment Installer/ Repairer	49-2022.00	Service Occupations	Junior	G	Usage	Hour
LA00104	Telecommunications Equipment Installer/ Repairer	49-2022.00	Service Occupations	Journeyman	G	Usage	Hour
LA00105	Telecommunications Equipment Installer/ Repairer	49-2022.00	Service Occupations	Senior/SME	G	Usage	Hour
LA00106	Telecommunications Equipment Installer/ Repairer	49-2022.00	Service Occupations	Junior	C	Usage	Hour
LA00107	Telecommunications Equipment Installer/ Repairer	49-2022.00	Service Occupations	Journeyman	C	Usage	Hour
LA00108	Telecommunications Equipment Installer/ Repairer	49-2022.00	Service Occupations	Senior/SME	C	Usage	Hour
LA00109	Telecommunications Line Installer/ Repairer	49-9052.00	Service Occupations	Junior	G	Usage	Hour
LA00110	Telecommunications Line Installer/ Repairer	49-9052.00	Service Occupations	Journeyman	G	Usage	Hour
LA00111	Telecommunications Line Installer/ Repairer	49-9052.00	Service Occupations	Senior/SME	G	Usage	Hour
LA00112	Telecommunications Line Installer/ Repairer	49-9052.00	Service Occupations	Junior	C	Usage	Hour

CLIN	Labor Category	BLS-SOC O*NET Code	Occupational Group	Level	Site (G or C)	Frequency	Charging Unit
LA00113	Telecommunications Line Installer/ Repairer	49-9052.00	Service Occupations	Journeyman	C	Usage	Hour
LA00114	Telecommunications Line Installer/ Repairer	49-9052.00	Service Occupations	Senior/SME	C	Usage	Hour
LA00115	Web Administrator	15-1199.03	Professional and related	Junior	G	Usage	Hour
LA00116	Web Administrator	15-1199.03	Professional and related	Journeyman	G	Usage	Hour
LA00117	Web Administrator	15-1199.03	Professional and related	Senior/SME	G	Usage	Hour
LA00118	Web Administrator	15-1199.03	Professional and related	Junior	C	Usage	Hour
LA00119	Web Administrator	15-1199.03	Professional and related	Journeyman	C	Usage	Hour
LA00120	Web Administrator	15-1199.03	Professional and related	Senior/SME	C	Usage	Hour
LA00121	Web Developer	15-1134.00	Professional and related	Junior	G	Usage	Hour
LA00122	Web Developer	15-1134.00	Professional and related	Journeyman	G	Usage	Hour
LA00123	Web Developer	15-1134.00	Professional and related	Senior/SME	G	Usage	Hour
LA00124	Web Developer	15-1134.00	Professional and related	Junior	C	Usage	Hour
LA00125	Web Developer	15-1134.00	Professional and related	Journeyman	C	Usage	Hour
LA00126	Web Developer	15-1134.00	Professional and related	Senior/SME	C	Usage	Hour

B.2.11.7.3 Service Related Labor Task Order Unique CLINs

Table B.2.11.7.3.1 provides the format for pricing TUCs associated with Service Related Labor. Table B.2.11.7.3.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.2.11.7.3.1 Service Related Labor TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.2.11.7.3.2 Service Related Labor TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
LA99990	LA99991	LA99992	Service Related Labor Task Order Unique	ICB	ICB

B.2.12 Cable and Wiring

The technical requirements for Cable and Wiring are defined in Section C.2.12.

Tables B.2.12.1 and B.2.12.2 provide the formats for pricing these services. CLINs fall under the following categories:

- Site Survey (includes site surveys for Special Access Construction, see Section B.2.9)
- Wiring Install
- Wiring Repair

Fixed price and ICB CLINs are specified for the categories listed above. Fixed prices represent typical cable and wiring activities as described in the Notes column of the Instructions Table B.2.12.2 below. All fixed-price CLINs include labor, travel, and material costs in the price. (e.g., connectors, faceplates, cable). If the fixed-price CLINs do not meet cable and wiring requirements, an ICB CLIN shall be used.

For each Wiring Install that is priced as ICB, the contractor must perform a Site Survey and provide a Site Survey Estimate with TO proposals or as specified in each TO by the customer. The estimate must include sufficient information to establish that the wiring install price is fair and reasonable. Section J.9 includes a Site Survey Estimate Template for Wiring Installs that identifies the type of data required.

B.2.12.1 Cable and Wiring Prices Table

CLIN	Case Number*	Task Order Number	Country / Jurisdiction ID**	Price	Price Start Date	Price Stop Date

* Applies only to ICB CLINs

** Country/Jurisdiction IDs are provided in Table B.4.2.1

B.2.12.2 Cable and Wiring Pricing Instructions Table

NRC CLIN	Description	Charging Unit	Notes
CW00001	Fixed Price Site Survey Basic	Each	A site survey that does not require a site visit. The results are provided in a summary template. CONUS and OCONUS only.
CW00002	Fixed Price Site Survey Complex	Each	A site survey requiring a site visit. The results are provided in a written quote, with documentation photos and drawings, as required. CONUS and OCONUS only.
CW00005	ICB Site Survey	ICB	ICB. A site survey that cannot be accomplished under the Fixed Price Site Survey types. Examples include, but are not limited to, remote locations and extraordinary construction.
CW00101	Fixed Price Wiring Install	Each	A wiring installation that can be accomplished on the customer's premises in 3 hours or less and includes up to 150 feet of wiring. The charges for the installation apply only when it is not coincident with an SRE installation. Price includes termination, jacks, and testing. CONUS and OCONUS only.
CW00103	ICB Wiring Install	ICB	ICB
CW00301	Fixed Price Wiring Repair	Each	Restore inside wire service by dispatching qualified personnel to resolve a problem within 4 hours on site. CONUS and OCONUS only.
CW00303	ICB Wiring Repair	ICB	ICB

B.3 National Security and Emergency Preparedness

The technical requirements for National Security and Emergency Preparedness (NS/EP) are defined in Sections C.1.8.8 and G.11.

B.3.1 NS/EP Price Structure

The price structure for the Telecommunications Service Priority (TSP) system of NS/EP includes the following elements:

1. NRC per circuit to register for priority installation, priority restorations, and priority level for design changes
2. MRC per circuit to maintain priority restorations

B.3.2 NS/EP Basic Prices

Table B.3.2.1 provides the formats for pricing information for TSP of NS/EP. Table B.3.2.2 provides the applicable charging mechanism and charging units for TSP of NS/EP.

B.3.2.1 NS/EP Prices Table

CLIN	Task Order Number	Price	Price Start Date	Price Stop Date

B.3.2.2 NS/EP Pricing Instructions Table

MRC CLIN	NRC CLIN	Description	Charging Unit
	NS00101	TSP Provisioning – No Local Access Coordination	Circuit
	NS00102	TSP Provisioning – One Local Access Coordination	Circuit
	NS00103	TSP Provisioning – Additional Local Access Coordination	Circuit
NS00004	NS00104	TSP Restorations – No Local Access Coordination	Circuit
NS00005	NS00105	TSP Restorations – One Local Access Coordination	Circuit
NS00006	NS00106	TSP Restorations – Additional Local Access Coordination	Circuit
	NS00107	TSP Priority Level for Design Change – No Local Access Coordination	Circuit
	NS00108	TSP Priority Level for Design Change – Local Access Coordination	Circuit

B.4 General Pricing and Other Requirements

This section defines pricing and other elements that are generally independent of the service categories. It also contains the requirements for contractor-provided domestic and non-domestic Point of Presence (POP) lists, Physical Concentration Locations (PCLs), Pricing Hubs (PHubs) and their service relationships. In addition, this section contains government-provided lists of Country/Jurisdiction IDs.

B.4.1 Point of Presence Identification, Location, and Service Relationships

EIS includes the following identifiers for infrastructure and pricing purposes:

- Network Site Code (NSC) – identifies a physical location, a customer agency building, Physical Concentration Location, and/or Point of Presence. An address is required for each NSC. GSA and EIS contractors will maintain an NSC database to ensure that every government location is associated with a single NSC identifier even where multiple addresses may refer to the same location. This allows services delivered to the government to be priced for each specific location using a unique NSC identifier represented by eight-character Common Language Location Identifier (CLLI) codes.
- Physical Concentration Location (PCL) – any place connections (e.g., copper wire, fiber and coax) are aggregated (e.g., POPs, carrier hotels, cable heads, and Serving Wire Centers (SWCs)). PCLs may refer to the access side of the service or to the network side. For pricing purposes, the PCL is identified by the NSC.
- Point of Presence (POP) – contractor-owned or -controlled physical location where network facilities provide EIS services and where access from a user agency's location is connected to the network. For pricing purposes, the POP is identified by the NSC.
- Pricing Hub (PHub) – used to assign a unique identifier to locations with the same price for the same access service type. This PHub ID is used only for pricing purposes and is independent of the physical network. The contractor selects and assigns a PHub ID to a set of prices by access type (i.e., by bandwidth).

Tables B.4.1.1 through B.4.1.11 provide the formats to list and identify domestic and non-domestic POPs, PCLs, PHubs, NSCs and their service relationships. Each POP shall be separately described by its physical location, as required by the individual table. The contractor shall keep these tables up to date as POPs, PCLs, PHubs, NSCs, and service relationships are added, deleted, and changed.

B.4.1.1 Domestic Points of Presence Table

POP NSC*	POP V&H Coordinates		Start Date	Stop Date
	V	H		

* POP NSCs shall be defined by the contractor in Table B.4.1.1 and are defined by the government in Table B.4.1.8

B.4.1.2 Non-Domestic Points of Presence Table

Country/ Jurisdiction ID in which POP is Located*	Non-Domestic POP NSC**	Name of Carrier or Entity Operating Non-Domestic POP, if not the Contractor	Start Date	Stop Date

* For country/jurisdiction names and IDs, see Table B.4.2.1
** Non-Domestic POP NSCs shall be defined by the contractor in Table B.4.1.2 and are defined by the government in Table B.4.1.8

Table B.4.1.3 provides the relationship between non-domestic sites and non-domestic POPs.

B.4.1.3 Non-Domestic Site to Point of Presence Relationship Table

Non-Domestic NSC	Non-Domestic POP NSC	Bandwidth Group*	Start Date	Stop Date

* Bandwidth Groups shall use the values in Table B.4.1.5.1

Table B.4.1.4 provides a list of services offered at each POP.

B.4.1.4 Services Offered by Point of Presence Table

POP NSC*	Service ID**	Bandwidth Group***	Start Date	Stop Date

* POP NSCs shall be defined by the contractor in Tables B.4.1.1 and B.4.1.2, and are defined by the government in Table B.4.1.8
** The contractor shall use this column to identify the services offered at each POP, to be selected from the following: VPNS, ETS, OWS, PLS, SONETS, DFS, IPS, CSVS, IPVS, CSDS, TFS, and MTIPS
*** Bandwidth Groups shall use the values in Table B.4.1.5.1

Table B.4.1.5 shall be populated, updated and maintained by the contractor to identify the PCL to POP relationship by bandwidth capability. The PCL serves as an engineering construct for purposes of identifying physical attributes of a networking solution, such as access routes needed to assure path diversity. At least one POP NSC shall be associated with each PCL NSC identified in Table B.4.1.5.

B.4.1.5 Domestic Physical Concentration Location to Point of Presence Relationship Table

PCL NSC*	Bandwidth Group**	POP NSC***

* PCLs are defined in Table B.4.1.8.
** Bandwidth Group shall use the values in Table B.4.1.5.1 Bandwidth Groups
*** POP NSCs shall be defined by the contractor in Tables B.4.1.1 and B.4.1.2, and are defined by the government in Table B.4.1.8

B.4.1.5.1 Bandwidth Groups Table

Bandwidth Group	Bandwidth Group Name	Minimum Bandwidth (Mbps)	Maximum Bandwidth (Mbps)
1	Wireline <=T1	0	1.54
2	Wireline >T1 and <=T3	1.55	44.74
3	Wireline >T3 and <=OC3	44.75	155.52
4	Wireline >OC3 and <=OC12	155.53	622.08
5	Wireline >OC12 and <=OC48	622.09	2,488.32
6	Wireline >OC48 and <=OC192	2,488.33	9953.28
7	Wireline >OC192 and <=OC768	9953.29	40,000.00
8	Ethernet <=10 Mbps	0	10.00
9	Ethernet >10 Mbps and <=100 Mbps	11.00	100.00
10	Ethernet >100 Mbps and <=1000 Mbps	101.00	1,000.00
11	Ethernet >1000 Mbps and <=10 Gbps	1,001.00	10,000.00
12	Ethernet >10 Gbps and <=100 Gbps	10,001.00	100,000.00
13	Ethernet >100 Gbps and <=1000 Gbps	100,001.00	1,000,000.00
14	Cable		
15	Dark Fiber		
16	Wireline >OC768	40,000.01	
17	Ethernet >1000 Gbps	1,000,001.00	

To identify multiple Bandwidth Groups for a PCL to POP relationship, the contractor shall populate the row with an array containing the applicable Group IDs. Arrays are denoted by a comma-separated list, surrounded by brackets, "{ }".

Table B.4.1.5.1.1 provides an example where PCL 1 has a relationship with POP A for every bandwidth group. Similarly, PCL 2 has a relationship with POP B for two bandwidth groups, and PCL 3 has a relationship with POP C for a single bandwidth group.

B.4.1.5.1.1 Example Bandwidth Group IDs for PCL to POP Relationship Table

PCL NSC	Bandwidth Group ID	POP NSC
1	{1,2,3,4,5,6,7,8,9,10,11,12,13,14,15}	A
2	{8,12}	B
3	{9}	C

Table B.4.1.6 provides the relationship between Building NSCs and PCL NSCs.

The contractor may add sites after award at its option. As orders are submitted, new Building NSCs may need to be created for the locations involved. The contractor shall use iconectiv to obtain NSCs to represent any government building that orders service from an EIS contractor. The contractor shall interface with and use the iconectiv CLONES system to obtain and maintain NSC data. As new NSCs are created, the contractor shall use GSA Systems to update Tables B.4.1.6 and B.4.1.7 as needed to facilitate the validation of orders and invoices. Any order or invoice containing a building NSC that is not found in Tables B.4.1.6 and B.4.1.7 will be placed in dispute.

B.4.1.6 Network Site Code PCL Relationship Table

Building NSC*	PCL NSC*	Last Modified Date**

* NSCs are defined in Table B.4.1.8

** Last Modified Date shall be the first day of either the base contract period or an option period, or the first day of a month

The contractor shall populate and maintain the relationship between Building NSCs and their respective PHubs in Table B.4.1.7. The PHubs in Table B.4.1.7 shall be used in conjunction with the access pricing tables in Section B.2.9 to set access prices. The government will reference Table B.4.1.6 to verify that the relationships within Table B.4.1.7 result in fair and reasonable prices as identified in the tables in Section B.2.9.

B.4.1.7 Network Site Code to Pricing Hub Relationship Table

Building NSC*	PHub ID	Access Type**	Last Modified Date***

* NSCs are defined in Table B.4.1.8

** Indicate the Access Type as (1) Wireline, (2) Ethernet, (3) Cable, (4) FTTP, or (5) Wireless for the Building NSC-to-PHub relationship

*** Last Modified Date shall be the first day of either the base contract period or an option period, or the first day of a month

The following reference tables will be updated and maintained by the government, and made available to the contractor, to validate all NSCs and NSC-to-PCL mappings maintained by the contractor. Tables B.4.1.8 and B.4.1.9 provide a list of domestic and non-domestic NSCs (these may be PCLs, SWCs, or government-identified buildings) and the associated location data.

B.4.1.8 Network Site Codes Table

NSC	Country/ Jurisdiction ID	Normalized Geographical Name	Latitude	Longitude	NSC V&H Coordinates		Created Date	Last Modified Date
					V	H		

B.4.1.9 Network Site Code/Address Correspondence Table

NSC	Sequence Number	Address						Address Intersection						Postal Code	County Name	Geo-political Code	Offset		Second Offset		Created Date	Last Modified Date
		Number	Prefix	Street Name	Street Type	Suffix	Unformatted Address	Option	Number	Prefix	Street Name	Street Type	Suffix				Distance	Direction	Distance	Direction		

Tables B.4.1.10 and B.4.1.11 identify PLS gateways and their relationships to non-domestic connections. The only valid relationships for Table B.4.1.11 are: 1) CONUS to OCONUS, 2) CONUS to Non-Domestic, and 3) OCONUS to Non-Domestic.

B.4.1.10 Domestic Private Line Service Gateways Table

Gateway ID	Gateway V&H Coordinates		Physical Address of Gateway				Start Date	Stop Date
	V	H	City	State	Street	Zip		

B.4.1.11 Domestic Private Line Service Gateway to OCONUS/Non-Domestic Country/Jurisdiction Relationship Table

Domestic Country/ Jurisdiction ID*	OCONUS/Non-Domestic Country Jurisdiction ID*	Gateway ID**	Start Date	Stop Date

* See Table B.4.2.1
** Defined in Section B.4.1.10

B.4.1.12 Metro OWS Locations

The contractor shall provide and maintain up-to-date locations where Metro OWS is being provided. Table B.4.1.12.1 provides the NSCs for those locations.

B.4.1.12.1 Metro OWS Locations Table

NSC

B.4.1.13 Order Related Prices

Table B.4.1.13.1 provides the pricing format for order related charges. Table B.4.1.13.2 provides the applicable charging mechanisms and charging units. Order requirements are described in Section G.3.3.2. Agencies may request order cancellations prior to issuance of the SOCN. Order cancellation charges shall not exceed the NRC of the cancelled order.

B.4.1.13.1 Order Related Prices

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.4.1.13.2 Order Charge Pricing Instructions

NRC CLIN	Description	Charging Unit	Notes
GN00001	Order Cancellation Charge	ICB	ICB

B.4.1.14 General Task Order Unique CLINs

Table B.4.1.14.1 provides the format for pricing TUCs for operational or administrative items (e.g., customized ordering, inventory or billing requirements, administrative

customization) that are not readily associated with only one of the services defined in Table B.1.2.1.1. General TUCs shall not be used to price new services that are not listed in Table B.1.2.1.1. General TUCs shall be associated with and ancillary to the services in Table B.1.2.1.1, shall not be the primary purpose of a task order, and may only be ordered in conjunction with or in support of the purchase of services in Table B.1.2.1.1. Contractors may be required to provide additional information to support a determination that their proposed ancillary services are offered in support of one or more EIS CLINs. Table B.4.1.14.2 provides pricing instructions. TUCs shall be used as defined in Section B.1.2.15.

B.4.1.14.1 General TUC Prices Table

CLIN	Case Number	Task Order Number	Price	Price Start Date	Price Stop Date

B.4.1.14.2 General TUC Pricing Instructions Table

NRC CLIN	MRC CLIN	Usage CLIN	Description	Charging Unit	Notes
GN99990	GN99991	GN99992	General Task Order Unique	ICB	ICB

B.4.2 Country/Jurisdiction Identifications

Table B.4.2.1 provides Country/Jurisdiction IDs and Area of the World (AOW) IDs. The Country/Jurisdiction IDs shall be used in pricing tables that require identification of the origination and/or destination country/jurisdiction. The AOW IDs shall be used in pricing tables that allow for adjustments based on their OCONUS and Non-Domestic locations. For Wireless Service (MWS), Domestic is defined as CONUS, Alaska, Hawaii, Puerto Rico, and the U.S. Virgin Islands (see Section B.2.6).

B.4.2.1 Country/Jurisdiction Identification Table

Country/Jurisdiction	Country/ Jurisdiction ID*	AOW ID**	Location Type
Afghanistan	120038	200009	NONDOM
Albania	120039	200005	NONDOM
Algeria	120040	200011	NONDOM
Andorra	120042	200005	NONDOM
Angola	120043	200012	NONDOM
Anguilla	120044	200004	NONDOM
Antarctica	120045	200013	NONDOM

Country/Jurisdiction	Country/ Jurisdiction ID*	AOW ID**	Location Type
Antigua (includes Barbuda)	120046	200004	NONDOM
Argentina	120047	200004	NONDOM
Armenia	120048	200007	NONDOM
Aruba	120049	200004	NONDOM
Ascension Island	120050	200014	NONDOM
Australia	120051	200010	NONDOM
Australian External Territory	120309	200014	NONDOM
Austria	120052	200005	NONDOM
Azerbaijan	120053	200007	NONDOM
Azores	120300	200014	NONDOM
Bahamas	120054	200004	NONDOM
Bahrain	120055	200006	NONDOM
Bangladesh	120056	200009	NONDOM
Barbados	120057	200004	NONDOM
Belarus	120058	200005	NONDOM
Belgium	120059	200005	NONDOM
Belize	120060	200004	NONDOM
Benin	120061	200012	NONDOM
Bermuda	120062	200003	NONDOM
Bhutan	120063	200009	NONDOM
Bolivia	120064	200004	NONDOM
Bosnia - Herzegovina	120065	200005	NONDOM
Botswana	120066	200012	NONDOM
Brazil	120067	200004	NONDOM
British Indian Ocean Territories	120313	200014	NONDOM
British Virgin Islands	120068	200004	NONDOM
Brunei	120069	200012	NONDOM
Bulgaria	120070	200005	NONDOM
Burkina Faso	120071	200012	NONDOM
Burundi	120073	200012	NONDOM
Cambodia	120074	200009	NONDOM
Cameroon	120075	200012	NONDOM
Canada	120076	200003	NONDOM
Cape Verde Islands	120077	200014	NONDOM
Cayman Islands	120078	200004	NONDOM
Central African Republic	120079	200012	NONDOM
Chad	120080	200012	NONDOM
Chatham Island	120302	200014	NONDOM
Chile	120081	200004	NONDOM

Country/Jurisdiction	Country/ Jurisdiction ID*	AOW ID**	Location Type
China	120082	200009	NONDOM
Christmas Island	120083	200014	NONDOM
Cocos Islands	120084	200014	NONDOM
Colombia	120085	200004	NONDOM
Comoros	120086	200014	NONDOM
Congo, Dem. Republic Of The	120266	200012	NONDOM
Congo, Republic Of The	120087	200012	NONDOM
Cook Islands	120088	200014	NONDOM
Costa Rica	120089	200004	NONDOM
Cote d'Ivoire	120143	200012	NONDOM
Croatia	120090	200005	NONDOM
Cuba	120091	200004	NONDOM
Cyprus - North	120303	200006	NONDOM
Cyprus - South	120304	200005	NONDOM
Czech Republic	120093	200005	NONDOM
Denmark	120094	200005	NONDOM
Diego Garcia	120095	200014	NONDOM
Djibouti	120096	200012	NONDOM
Domestic: Alaska	120036	200001	OCONUS
Domestic: American Samoa***	179627	200002	OCONUS
Domestic: Commonwealth of Northern	120270	200002	OCONUS
Domestic: CONUS	120033	200000	CONUS
Domestic: Guam***	120269	200001	OCONUS
Domestic: Hawaii	120037	200001	OCONUS
Domestic: Marshall Islands***	120171	200002	OCONUS
Domestic: Micronesia***	120176	200002	OCONUS
Domestic: Midway Island***	120177	200002	OCONUS
Domestic: Palau***	120199	200002	OCONUS
Domestic: Puerto Rico	120316	200001	OCONUS
Domestic: US Virgin Islands (USVI)	120317	200001	OCONUS
Domestic: Wake Island***	120261	200002	OCONUS
Dominica	120097	200004	NONDOM
Dominican Republic	120098	200004	NONDOM
East Timor	120305	200009	NONDOM
Easter Island	120099	200014	NONDOM
Ecuador	120100	200004	NONDOM
Egypt	120101	200006	NONDOM
El Salvador	120102	200004	NONDOM
Equatorial Guinea	120103	200012	NONDOM

Country/Jurisdiction	Country/ Jurisdiction ID*	AOW ID**	Location Type
Eritrea	120104	200012	NONDOM
Estonia	120105	200005	NONDOM
Ethiopia	120106	200012	NONDOM
Faeroe Islands	120107	200014	NONDOM
Falkland Islands	120108	200014	NONDOM
Fiji Islands	120109	200014	NONDOM
Finland	120110	200005	NONDOM
France	120111	200005	NONDOM
French Antilles	120112	200004	NONDOM
French Guiana	120113	200004	NONDOM
French Polynesia	120114	200014	NONDOM
French Southern Territory	120314	200014	NONDOM
Gabon	120115	200012	NONDOM
Gambia	120116	200012	NONDOM
Georgia	120117	200007	NONDOM
Germany	120118	200005	NONDOM
Ghana	120119	200012	NONDOM
Gibraltar	120120	200005	NONDOM
Global Sat	180025***	****	NONDOM
Greece	120121	200005	NONDOM
Greenland	120122	200014	NONDOM
Grenada	120123	200004	NONDOM
Guadeloupe	120124	200004	NONDOM
Guantanamo Bay	120126	200004	NONDOM
Guatemala	120127	200004	NONDOM
Guinea	120129	200012	NONDOM
Guinea - Bissau	120128	200012	NONDOM
Guyana	120130	200004	NONDOM
Haiti	120131	200004	NONDOM
Honduras	120132	200004	NONDOM
Hong Kong, Special Administrative District	120133	200009	NONDOM
Hungary	120134	200005	NONDOM
Iceland	120135	200005	NONDOM
India	120136	200009	NONDOM
Indonesia	120137	200009	NONDOM
Inmarsat Aero	180029***	****	NONDOM
Inmarsat Broadband Global Area Network	180041***	****	NONDOM
Inmarsat Broadband Global Area Network	180043***	****	NONDOM
Inmarsat Broadband Global Area Network	180042***	****	NONDOM

Country/Jurisdiction	Country/ Jurisdiction ID*	AOW ID**	Location Type
Inmarsat Fleet (Maritime) I4-Americas	180038***	****	NONDOM
Inmarsat Fleet (Maritime) I4-Asia Pacific	180040***	****	NONDOM
Inmarsat Fleet (Maritime) I4-EMEA (Europe,	180039***	****	NONDOM
Inmarsat Global Express (GX) I5-AOR	180047***	****	NONDOM
Inmarsat Global Express (GX) I5-IOR	180048***	****	NONDOM
Inmarsat Global Express (GX) I5-POR	180049***	****	NONDOM
Inmarsat Mini-M	180036***	****	NONDOM
Inmarsat Swift (Aeronautical) Atlantic (AOR)	180044***	****	NONDOM
Inmarsat Swift (Aeronautical) Indian (IOR)	180045***	****	NONDOM
Inmarsat Swift (Aeronautical) Pacific (POR)	180046***	****	NONDOM
Iran	120138	200006	NONDOM
Iraq	120139	200006	NONDOM
Ireland	120140	200005	NONDOM
Iridium-8816	180026***	****	NONDOM
Iridium-8817	180027***	****	NONDOM
Israel	120141	200006	NONDOM
Italy	120142	200005	NONDOM
Jamaica	120144	200004	NONDOM
Japan (includes Okinawa)	120145	200008	NONDOM
Jordan	120146	200006	NONDOM
Kazakhstan	120147	200007	NONDOM
Kenya	120148	200012	NONDOM
Kiribati	120149	200014	NONDOM
Kosovo	120306	200005	NONDOM
Kuwait	120152	200006	NONDOM
Kyrgyzstan	120153	200007	NONDOM
Laos	120154	200009	NONDOM
Latvia	120155	200005	NONDOM
Lebanon	120156	200006	NONDOM
Lesotho	120157	200012	NONDOM
Liberia	120158	200012	NONDOM
Libya	120159	200011	NONDOM
Liechtenstein	120160	200005	NONDOM
Lithuania	120161	200005	NONDOM
Luxembourg	120162	200005	NONDOM
Macau, Special Administrative District	120163	200009	NONDOM
Macedonia	120164	200005	NONDOM
Madagascar	120165	200012	NONDOM
Malawi	120166	200012	NONDOM

Country/Jurisdiction	Country/ Jurisdiction ID*	AOW ID**	Location Type
Malaysia	120167	200009	NONDOM
Maldives	120168	200014	NONDOM
Mali	120169	200012	NONDOM
Malta	120170	200005	NONDOM
Martinique	120310	200004	NONDOM
Mauritania	120172	200012	NONDOM
Mauritius	120173	200012	NONDOM
Mayotte Island	120174	200014	NONDOM
Mexico	180020	200003	NONDOM
Moldova	120178	200005	NONDOM
Monaco	120179	200005	NONDOM
Mongolia	120180	200009	NONDOM
Montenegro	120320	200005	NONDOM
Montserrat	120181	200004	NONDOM
Morocco	120182	200011	NONDOM
Mozambique	120183	200012	NONDOM
Myanmar	120072	200009	NONDOM
Namibia	120184	200012	NONDOM
Nauru	120185	200014	NONDOM
Nepal	120186	200009	NONDOM
Netherlands	120187	200005	NONDOM
Netherlands Antilles	120188	200004	NONDOM
Nevis	120032	200004	NONDOM
New Caledonia	120189	200014	NONDOM
New Zealand	120190	200010	NONDOM
Nicaragua	120191	200004	NONDOM
Niger	120192	200012	NONDOM
Nigeria	120193	200012	NONDOM
Niue	120194	200014	NONDOM
Norfolk Island	120195	200014	NONDOM
North Korea	120150	200009	NONDOM
Norway (includes Svalbard)	120196	200005	NONDOM
Oman	120197	200006	NONDOM
Pakistan	120198	200009	NONDOM
Palestinian Authority	120307	200006	NONDOM
Panama	120200	200004	NONDOM
Papua New Guinea	120201	200009	NONDOM
Paraguay	120202	200004	NONDOM
Peru	120203	200004	NONDOM

Country/Jurisdiction	Country/ Jurisdiction ID*	AOW ID**	Location Type
Philippines	120204	200008	NONDOM
Pitcairn Island	120205	200014	NONDOM
Poland	120206	200005	NONDOM
Portugal (includes Madeira)	120207	200005	NONDOM
Qatar	120208	200006	NONDOM
Reunion Island	120209	200014	NONDOM
Romania	120210	200005	NONDOM
Russia	120211	200007	NONDOM
Rwanda	120212	200012	NONDOM
Samoa	120264	200014	NONDOM
San Marino	120219	200005	NONDOM
Sao Tome	120220	200012	NONDOM
Saudi Arabia	120221	200006	NONDOM
Senegal	120222	200012	NONDOM
Serbia	120223	200005	NONDOM
Seychelles Islands	120224	200012	NONDOM
Sierra Leone	120225	200012	NONDOM
Singapore	120226	200009	NONDOM
Slovakia	120227	200005	NONDOM
Slovenia	120228	200005	NONDOM
Solomon Islands	120229	200014	NONDOM
Somalia	120230	200012	NONDOM
South Africa	120231	200012	NONDOM
South Korea	120151	200008	NONDOM
South Sudan	120272	200012	NONDOM
Spain (includes Balearic Islands, Canary	120232	200005	NONDOM
Sri Lanka	120233	200009	NONDOM
St. Helena	120213	200014	NONDOM
St. Kitts	120214	200004	NONDOM
St. Lucia	120215	200004	NONDOM
St. Pierre And Miquelon	120216	200003	NONDOM
St. Vincent And The Grenadines	120217	200004	NONDOM
Sudan	120234	200012	NONDOM
Suriname	120235	200004	NONDOM
Swaziland	120236	200012	NONDOM
Sweden	120237	200005	NONDOM
Switzerland	120238	200005	NONDOM
Syria	120239	200006	NONDOM
Taiwan	120240	200008	NONDOM

Country/Jurisdiction	Country/ Jurisdiction ID*	AOW ID**	Location Type
Tajikistan	120241	200007	NONDOM
Tanzania	120242	200012	NONDOM
Thailand	120243	200009	NONDOM
Thuraya Sat	180037***	****	NONDOM
Togo	120244	200012	NONDOM
Tokelau	120308	200014	NONDOM
Tonga Islands	120245	200014	NONDOM
Trinidad And Tobago	120246	200004	NONDOM
Tunisia	120247	200011	NONDOM
Turkey	120248	200006	NONDOM
Turkmenistan	120249	200007	NONDOM
Turks And Caicos Islands	120250	200004	NONDOM
Tuvalu	120251	200014	NONDOM
Uganda	120252	200012	NONDOM
Ukraine	120253	200005	NONDOM
United Arab Emirates	120254	200006	NONDOM
United Kingdom	120255	200005	NONDOM
Uruguay	120256	200004	NONDOM
Uzbekistan	120257	200007	NONDOM
Vanuatu	120258	200014	NONDOM
Vatican City	120312	200005	NONDOM
Venezuela	120259	200004	NONDOM
Vietnam	120260	200009	NONDOM
Wallis And Futuna Islands	120262	200014	NONDOM
Western Sahara	120263	200014	NONDOM
Yemen	120265	200006	NONDOM
Zambia	120267	200012	NONDOM
Zanzibar (Province Of Tanzania)	120318	200012	NONDOM
Zimbabwe	120268	200012	NONDOM

* IDs shall be fixed through the life of the contract unless changed by contract modification.

** The AOW ID applicable to mobile SRE is the location at which it is installed, if vehicle mounted, or the location from which it is shipped, if it is designed to be carried on the person.

*** Excluded from domestic Wireless Service (Section B.2.6).

**** Satellite IDs.