Qwest

EXECUTIVE SUMMARY

WASHINGTON INTERCONNECTION COST DOCKET PART D FINAL ORDER COMPLIANCE

NONRECURRING ELEMENTS

Study ID # 7246

This study develops manual and mechanized costs for elements not previously separated.
This study includes a loop element for Basic with Cooperative Testing at DS0, DS1, DS3, OCN levels.
This cost study reduces work times by 30% except times ordered for ISC (6 min) and CO Disconnect.
Refer to Section H of Executive Summary for specific modifications made to each product group.

2001
Nonrecurring Cost Study

January 2003

Market Services & MSEA Economic Analysis

Market Services And Economic Analysis Organization

Table of Contents

A. PURPOSE, SCOPE, AND APPLICATION

This study estimates forward-looking nonrecurring total element long run incremental costs Qwest will incur to provide Unbundled Elements. Nonrecurring costs represent the one-time costs that are incurred in order to establish and disconnect the service. The study identifies the costs for various work activities involved in providing the service. The study results represent fully allocated 2001 costs and may be used for pricing and other management decisions.

B. DESCRIPTION OF SERVICE

CUSTOMER TRANSFER CHARGE

POTS Customer Transfer Charge

The POTS Customer Transfer Charge represents the cost incurred by Qwest to transfer existing Qwest retail services to resellers on a wholesale basis. The POTS CTC is for the transferal of Qwest residence, and both simple and complex business customers/accounts including CENTREX. The cost reflects use of IMA (Interconnect Mediated Access) and applies to the 1st line on the CSR (Customer Service Record).

CLEC TO CLEC CROSS CONNECTION

Clec to Clec collocation cross-connection is defined as the Clec's capability to order a cross-connection from its collocation in a Qwest wire center to another Clec's collocation within the same wire center.

Qwest will provide the capability to cross-connect these separate collocations through an Interconnection Distributing frame/bay (ICDF). This is accomplished through the use of both Co-Provider Connecting Facility Assignment (CFA) terminations residing on the same ICDF frame/bay. Also, both Clecs must terminate on the same service rate level (DS3, DS1) frame/bay.

If the Clec's collocation terminations do not reside on the same ICDF frame/bay (i.e. a Clec's own Dedicated ICDF frame/bay, etc.) as the other Clec collocation terminations, the Clec is responsible to order tie cables to the ICDF frame/bay where the other Clec resides. These tie cable would be ordered through the existing collocation build process and in-place before any order activity is processed for the cross-connection.

The Clec is responsible for the end-to-end design of this connection of collocation elements to ensure that the resulting service meets their customer's needs. This is accomplished by receiving the Design Layout Record (DLR) for the service connection. Depending on the distance parameters of the connection, Regeneration may be required.

This product is for Clec element to Clec element only, not individual unbundled network elements.

UNBUNDLED LOOP

Unbundled Loop – 2 Wire/4 Wire unbundled loop establishes a transmission path between the Qwest Company distribution frame (or equivalent) and the network interface of the Competitive Local Exchange Carrier's (CLEC) end user.

Options are available for the Loop: Basic Installation First and Each Additional, Basic Install with Performance Testing First and Each Additional, Coordinated Install Without Testing First and Each Additional, Basic Installation with Coop Testing First and Each Additional, and Coordinated Install, Coop Testing, no Dispatch First and Each Additional. The cost is per first and each additional loop ordered at the same time to the same location.

B. DESCRIPTION OF SERVICE (Cont'd)

DS1, DS3, OCN 3, 12, 48

A digital transmission path that transports bi-directional DS1, DS3, OCN 3, 12, 48 signals with nominal transmission rates. The transmission path runs between a Qwest Serving Wire Center (SWC) Network Interface (NI) to the End User (EU) NI located at the EU's designated premises within the serving area of the SWC. DS3 and OCN Capable Loops will be configured as a channel on a fiber-based system. The interconnector gains access to these unbundled services at the Qwest SWC through established Collocation arrangements.

The cost is per first and each additional loop ordered at the same time to the same location.

UDIT (Unbundled Dedicated Interoffice Transport)

Unbundled Dedicated Interoffice Transport (UDIT) provides the CLEC with a network element of a single transmission path between Qwest wire centers. The CLEC must have a presence and have requested Tie Cable capacity through the collocation process. The CLEC orders the UDIT from one local Qwest office to another. Qwest provides the interoffice facility.

UDIT is available in speeds of DSO, DS1, OC3, OC12 Transmission levels. The cost is per channel per order. Both end office terminations are included in the cost.

UDIT REARRANGEMENT

CLEC can submit requests through the ASR process to move or rearrange UDIT or EUDIT terminations on the CLEC demarcation point or to change UDIT or EUDIT options. These rearrangements are available through a single office or dual office request. Single office rearrangements are limited to the change in options or movement of terminations within a single Wire Center. Dual office rearrangements are used to change options or movement of terminations in two Wire Centers. Rearrangement is only available for in-place and working UDITs or EUDITs. The cost is per request.

UNBUNDLED DARK FIBER

Unbundled Dark Fiber (UDF) is a deployed (existing), unit pair of fiber optic cable or strands that connects two points within Qwest's network. UDF is a single transmission path between two Qwest wire centers or between a Qwest wire center and an end user customer premise or

Qwest outside plant structure (e.g., CEV, RT or HUT) in the same LATA and state. UDF exists in two distinct forms: (a) UDF Interoffice Facility (UDF-IOF), which constitutes an existing route between two fiber distribution panels located in two Qwest wire centers; and (b) UDF-Loop, which constitutes an existing loop between a Qwest wire center and a fiber distribution panel located at either an appropriate outside plant structure or an end-user customer premises.

UDF is "in place", unused, dark fiber (no light generating, transmitting or receiving equipment), which is currently terminated on a Fiber Distribution Panel (FDP).

The costs are as follows:
Initial Record Inquiry – Simple, Complex.
Engineering Verification
Splice
Field Verification and Quote Preparation.

Per occurrence, per route, first and each additional fiber or fiber pair.
Optical Cross-Connect, per fiber or fiber pair, per Central Office.

B. DESCRIPTION OF SERVICE (Cont'd)

LOCAL TANDEM SWITCHING

DS1 Trunk Port

A DS1 Trunk Port is a DS1 trunk side switch port terminating at a DS1 common frame (or equivalent). Each DS1 Trunk Port includes a subset of 24 DSO channels capable of supporting local message traffic. A DS1 Trunk Port does not support PRI/ISDN.

Requests for DS1 Trunk Port ('s) must be followed by separate order ('s) to establish new Trunk Group ('s) or to augment existing Trunk Group('s).

Message Trunk Group

A Message Trunk Group is a software feature that establishes the trunk group and its associated trunk members. Signaling and addressing attributes are defined at the group level. Trunk members may be associated with individual channels of the DS1 Trunk Port.

LOCAL SWITCHING

Centrex Plus Common Equipment

Centrex Plus is a central office based business service with capabilities and features provided via a common block. A group of station lines is translated for an individual customer group and provides common access to a predetermined group of system features with intra-system calling. This study provides the costs associated with provisioning the Centrex Plus standard feature package.

Standard features include:

- Audible Message Waiting
- Automatic Call Back
- Call Forwarding – Busy Line
- Call Forwarding – Don't Answer
- Call Forwarding – Variable
- Call Hold
- Call Park
- Call Pickup
- Call Waiting
- Call Forwarding of Call Waiting Calls
- Dial Originating
- Originating
- Terminating
- Cancel Call Waiting
- Conference Calling – 3/6 Way
- Data Call Protection
- Direct Inward Dialing
- Direct Outward Dialing
- Distinctive Ringing/Distinctive Call Waiting Tone
- Executive Busy Override

- Hunting
- Individual Line Billing
- Intercept
- Intrasystem Calling
- Last Number Redial
- Line Restrictions

B. DESCRIPTION OF SERVICE (Cont'd)

- Make Set Busy
- Network Speed Call
- Outgoing Trunk Queuing
- Speed Calling – 1 & 2 Digit
- Three Way Calling/Consultation Hold/Call Transfer
- Touch-Tone
- Trunk Answer Any Station (Night Service)

Additional Centrex Features

Additional Centrex Features will be offered on an unbundled basis in conjunction with the Unbundled Switch product offering. The features are priced and ordered as separate elements. Subsequent order activity charges will also apply, when this product is ordered separately.

Unbundled BRI – ISDN Digital Line Port

An Unbundled BRI – ISDN Digital Line Port is a Digital 2B+D (2 Bearer Channels for Voice or Data and 1 Delta Channel for signaling and D Channel Packet) line side switch connection with BRI ISDN Voice and Data basic elements. The Unbundled BRI – ISDN Digital Line Port has Inter-LATA and Intra-LATA (where available) carrier choice, access to 911, and Qwest Operator Services. For Flexibility and customization optional features can be added. The Unbundled BRI

– ISDN Digital Line Port does not offer B Channel Packet service capabilities. A BFR for customized/specialized service will apply.

Standard features and functions include:

2B+D
2 Primary Directory Numbers (PDNs)
Call Appearances – Two per terminal
Normal Ringing
Caller ID Blocking

Unbundled DS1 DID Trunk Port and DSO Trunks

The DS1 DID/PBX Trunk Port is an unbundled switching product that provides a Co-Provider that ability to connect a PBX (Private Branch Exchange) user utilizing the DID (Direct Inward Dialing) functionality to a Qwest capable office. As with all trunk side central office connections, this service inherently includes hunting within the trunk group. All Trunks are designed as 4-wire leaving the central office, for 2-wire service, the trunks are converted at the customer's location.

DID is a special trunking arrangement that permits incoming calls from the exchange network to reach a specific PBX station directly without attendant assistance. DID service is offered with an analog or digital 2-way. If digital, the individual DSO's are 2-way trunks using advanced service that requires DID. This product allows the Co-Provider to order DID numbers in blocks of 20. One primary

directory listing in the main directory is provided for each PBX system. Provisioning of the DID feature requires that the Co-Provider subscribe to a sufficient number of trunk ports to adequately handle the volume of calls.

Unbundled DS1 Primary Rate Interface – ISDN Trunk Port

Primary Rate Interface Digital ISDN Trunk Port is a switch termination supporting PRI ISDN functionality. PRI trunk port requires a digital four wire-full duplex transmission path between ISDN compatible Customer Premises Equipment (CPE) and an PRI ISDN equipped Qwest central office.

B. DESCRIPTION OF SERVICE (Cont'd)

The PRI central office equipped trunk port is a DS1 which provides 24 64 kpb/s channels. This product is dedicated call type of PRI with Custom protocol, up to 23 of the channels may be used as 64 kbp/s B channels. The 24th channel must be configured as a D channel, which will carry the signaling and control information. The B channels transmit voice and data or Circuit Switched Data (data only).

PRI ISND comes with the following standard features where technically feasible:
2B+D
Direct Inward Dialing (DID)
Direct Outward Dialing (DOD)
Calling Number Identification
Calling Number Identification Blocking – All Calls
Circuit Switched Data or Voice and Data

Provisioning of the DID feature requires that the Co-Provider subscribe to a sufficient number of trunk ports to adequately handle the volume of incoming calls.

SUBSEQUENT ORDER CHARGE

Subsequent Order cost is the cost of processing a service order to make a change to an existing service, i.e., adding features to an existing line. The cost is per order.

CCSAC

CCSAC is a service offering which allows a customer to interconnect with Qwest's Common Channel Signaling System 7 (CCS7) network. The customer can utilize the CCS7 Interconnection facilities to support multiple services. The digital signaling link provides the transmission path for network control signaling information.

STP Port

The point of termination to signal switching capabilities of the STP. One port is required per link. The cost is per order per port.

Option Activation Charge

The CCSAC Option Activation Charge is assessed for adding or changing a point code in the signaling network for each basic or database application. A basic application would typically use ISDN user part (ISUP) messages for establishing and closing transmission paths. A database application would use Transaction capabilities application part (TCAP) messages to carry information between signaling points for databases services. When the customer initially orders CCSAC Service and the associated application, the first point code is provided at no charge. Each additional point code on the same order is assessed the "Each Additional Point Code" rate.

ADDITIONAL ENGINEERING, LABOR, TESTING

Additional Engineering, Labor, Testing is incurred by the Company for additional time associated with engineering (additional technical information already provided), labor (incurred to accommodate a specific customer request or overtime), maintenance (trouble report with no trouble found in company facilities) or testing (not performed during the installation of service). The cost is per each half-hour or per month, as appropriate.

Additional Dispatch Charge
An additional dispatch charge applies to a service order if another trip to the premise is necessary due to customer reasons. The cost is per occurrence.

B. DESCRIPTION OF SERVICE (Cont'd)

Date Change
A customer may request a Date Change to an existing order any time prior to notification by the telephone company that service is available for use. When the customer indicates that service cannot be accepted on the service date, the company accordingly delays the start of service and a Service Date Change Charge will apply. The cost is per order per occurrence.

Design Change
Design Change is incurred by the Company to review the original service design and make the changes necessary to meet a customer request. Design changes include such things as a change of end user premises within the same serving wirecenter, the addition or deletion of optional features, functions, BSE's or a change in the type of transport termination, type of channel interface, interface group or technical specifications package. The cost is per order per occurrence.

UNBUNDLED NETWORK ELEMENT PLATFORM
A Co-Provider may order a pre-assembled combination of Unbundled Network Elements on an "as is" basis as defined as an existing 2 wire voice grade analog circuit connecting to a compatible port with like-to-like service. Such pre-assembled combinations of loop, switch line port and shared transport shall be ordered and converted to the Co-Provider in accordance with the ordering provisions for resale services.

Qwest is not required to assemble or combine on behalf of the Co-Provider any Unbundled Network Elements that have not been combined by Qwest at the time of the Co-Provider's order.

The cost is per first and each additional line per order. This applies to existing customers and new customers.

BONA FIDE REQUEST PROCESS
The purpose of the BFR process is to receive and analyze bona fide requests for interconnection or access to new unbundled network elements from co-carriers (competitive local exchange carriers or CMRS wireless providers). The cost is per request.

UNBUNDLED NETWORK ELEMENT COMBINATION – PRIVATE LINE (EEL, LMC)
A Co-Provider may order a pre-assembled combination of Unbundled Network Elements on an "as is" basis as defined as an existing circuit connecting to a compatible port with like-to-like service. Such pre-assembled combinations of loop, switch line port and shared transport shall be ordered and converted to the Co-Provider in accordance with the ordering provisions for resale services.

Qwest is not required to assemble or combine on behalf of the Co-Provider any Unbundled Network Elements that have not been combined by Qwest at the time of the Co-Provider's order. The cost is per private line order. This applies to existing customers.

UNBUNDLED PACKET SWITCHING

Customer Channel:

UPS Customer Channel connectivity from the QWEST ATM to the Remove DSLAM. This element consists of: DSLAM functionality (programming of the port and card, splitter and Heikimian Test Head), and Virtual channel that will serve as the originating and terminating
points for Virtual Path Connections (VPCs) and Virtual Channel Connections (VCCs) (transport between the DSLAM and Qwest ATM).

B. DESCRIPTION OF SERVICE (Cont'd)

Shared Distribution Loop:

Subloop is defined as any portion of the loop that is technically feasible to access at terminals in Qwest's outside plant, including inside wire (owned by Qwest). An accessible terminal is any point on the loop where technicians can access the wire or fiber within the cable without removing a splice case and/ or digging up underground to reach the wire or fiber within.

Such access points may include, but are not limited to, the pole or pedestal, the network interface device (NID), the minimum point of entry, the single point of interconnection (at multi-unit premises), the main distribution frame, Serving Area Interface (SAI) and/or the remote terminal, and the feeder distribution interface (FDI).

Unbundled Distribution Subloop:

Shared Distribution Subloop is defined as making available the opportunity for the CLEC to offer advanced data services on the distribution loop simultaneously with an existing end user's analog voice grade service (POTS) which is provided by Qwest. The voice circuit is originating at the Qwest Central office and terminates at the Network Interface at the customer location. The data originates at the CLECs Remote location, which has been established at the technically feasible distribution interface point within the local loop.

ATM Switch Interface Port

Unbundled packet ATM Switch Interface Port:

- DS1 or DS3 interface is the physical entry point into the ATM Cell Relay Service Network.
- This UNE is a prerequisite to ordering an Unbundled Packet Switching Customer Channel

ATM Cell Relay Service ports are the physical entry points into the ATM Cell Relay Service Network. They are the originating and terminating points for Virtual Path Connections and Virtual Channel Coinnections. Ports include the electronic equipment used in connecting these service elements to the ATM Cell Relay Service Network. They enable customers to allocate bandwidth to applications at customer-designated transmission speeds of up to 1.5 Mbit/s, 45 Mbit/s or 155 Mbit/s.

NEW UNE-P DID

UNE-P DID (Direct Inward Dialing) service is a combination of pre-existing elements which provides a special trunking arrangement. UNE-P DID allows incoming calls from the exchange network to reach specific PBX stations directly without an attendant's assistance. These trunks are provided as a line-side connection off the switch. The co-provider must subscribe to a sufficient number of trunk orts to

adequately handle the volume of incoming calls. DID service is offered with analog or digital 2-way. If digital, the individual DSO's are 2-way trunks using advanced service that requires DID ports.

NEW UNE-P DSS

Digital Switched Service (DSS) provides digital exchange service for PBX customers. DSS includes a DSS facility, common equipment, local exchange switching and flat usage trunks for access to the local exchange and toll networks. Each DSS facility utilizes 24 channels that may be configured as either basic or advanced trunks, as defined below, or a combination of both types of trunks.

Basic Trunks

- In-Only Trunk – One-way trunk which only allows traffic from the central office switch to be transmitted to the PBX.
- Out-Only Trunk – One-way trunk that only allows traffic originating in the PBX to be transmitted to the central office switch.

B. DESCRIPTION OF SERVICE (Cont'd)

- Two-Way Trunk – Trunk which allows for traffic to be transmitted from either the central office or the PBX.

Advanced Trunks

- In-Only with DID Trunk – In-only trunk with Direct Inward Dialing (DID) feature.
- Out-Only Trunk with Answer Supervision – Out-Only trunk with answer supervision feature. This feature passes answer back signaling from the central office switch to the customer's PBX when a PBX call has been either completed or answered.
- Two-Way Trunk with DID and Answer Supervision – TwoWay trunk with DID and answer supervision features. Requires a DID trunk circuit termination.

NEW UNE-P PRI

ISDN Primary Rate Service (PRS) is a digital four-wire full duplex transmission path between a digital PBX or other communications terminal and an ISDN equipped central office. One PRS can provide up to twenty-three 64 KBPS "B" channels for circuit switched voice or data services and one 64 kbps "D" channel to provide the out-of-band signaling for the B channels. A PRS is provisioned using a DS1 facility with Clear Channel Capability. The DS1 facility consists of 24 time slots. PRS supports circuit switched voice or data access to the circuit switched network. Currently, PRS does not offer packet services on either the B or the D channel.

NEW UNE-P BRI ISDN

ISDN BRI Port is a 2B+D PACKAGE. Contained in the standard BRI port is base voice and data elements. For flexibility and customization optional features can be added. Within the standard package there is limited flexibility for customization. ISDN BRI Port does not offer B-Channel packet service capabilities. The non-recurring charges for each UNE will apply.

Standard features and functions include:

2B+D
AIOD
Additional Call Appearance
B Channel Circuit Switched Data
Call Exclusion
Call Forward Busy Line
Call Forward Don't Answer

Call Forward Variable
Call Hold
Call Transfer
Calling Number Delivery Blocking/Call
Calling Party Number Delivery
Common Block
Conference Calling – 3 Way
D Channel Packet Switched Data
Display Calling Number (OCLID)
Display Called Number (ICLID)
Drop
Intercom
Message Waiting Indicator Audible/Visual
Primary Directory Number
Ringing

B. DESCRIPTION OF SERVICE (Cont'd)

Secondary Directory Number
Shared Call Appearance
Speed Call 30
Standard Configuration Group
X.25 Fast Select
X.25 Flow Control Parameter Negotiation
X.25 Logical Channels
X.25 Reverse Charging
X.25 Throughout Class Negotiation

LOOP MUX COMBINATION

The Loop Mux Combination (LMC) offering is a combination of an unbundled loop with a multiplexer. The LMC must be collocated within the same Qwest Wire Center. An EEL loop may also be connected to the LMC multiplexer.

Loop Mux provides the Co-provider with the availability to access end users and aggregate DS1 or DSO loops to a higher bandwidth via a DS1 or DS3 multiplexer. There is no transport between the multiplexer and collocation with the Loop Mux combination. The Loop Mux facility must terminate in a collocation. The connection to the collocation is provided by an ITP (Interconnection Tie Pair).

The cost elements are as follows:

UNE-Combination LMC Multiplexer DS1 TO DSO
UNE-Combination LMC Multiplexer DS3 TO DS1
UNE-Combination LMC-Loop DSO First
UNE-Combination LMC-Loop DSO Each additional
UNE-Combination LMC-Loop DS1 First
UNE-Combination LMC-Lop DS1 Each additional

CUSTOM ROUTING

Custom Routing will combine End Office (EO) Switching with dedicated trunks to allow Co-Providers the ability to request specific traffic routing direction by class of service via a unique Line Class Code (LCC). Capacity constraints vary from switch to switch. Each Co-Provider request will require a unique Line Class Code (LCC), to be established and deployed in the EO Switch or tandem the Co-Provider has specified.

Custom Routing can be requested for Operator Services and Directory Assistance trunking.
Custom Routing is provisioned using Line Class Codes to route the traffic over specific trunk groups.

Custom Routing has the following trunking requirements:

1. Dedicated Local Directory Assistance (DA) trunks directed to a CLEC Local DA platform.
2. Dedicated DA Local Trunks directed to a CLEC Local Electronic DA Platform.
3. Dedicated DA Local Trunks directed to the Qwest DA Platform. CLEC Branding is purchased through Qwest Operator Services.
4. Dedicated Full Feature Operator Local Trunks to allow Local Operator Services Call (0+, 0-) dialed by a CLEC end user customer to be directed to a CLEC Local Operator Services Platform (Standard Operator Services protocols of 0+ or 0- will be supported where technically feasible).

B. DESCRIPTION OF SERVICE (Cont'd)

5. Dedicated Full Feature Operator Local Trunks to allow Local Operator Services calls (0+, 0-) dialed by a CLEC end user customer to be directed to a Qwest Local Operator Services platform. CLEC branding is purchased from Qwest Operator Services.

The nonrecurring elements are:
Operator, Directory Assistance Development Per Line Class Code
Operator, Directory Assistance Installation Per Switch

C. STUDY METHODOLOGY

The Nonrecurring Cost Program (NRC) performs mechanized cost calculations associated with the one time labor expense resulting from a customer request for service. Inputs to the calculations include: labor time, probability of occurrence, labor rate, and
expense factors. Formatting commands performed by the program generate Total Element Long Run Increment Cost (TELRIC) results.

Following is a description of the required data inputs:

Time Estimates:
The time estimate is the average amount of time required to perform a particular work function. Time estimates are obtained from subject matter experts who represent the groups doing the work.

Probabilities:
A probability is the percentage of time Qwest performs a particular work function in the provision of a particular service offering. Probabilities are developed from reports and from the input of Subject Matter Experts.

Labor Rates:
Directly assigned labor rates are based on expense data from the general ledger journal
file (Service Order Processing/Other) and from the incurred expenses of Account 6534
(Plant) and 6535 (Engineering). The directly assigned labor rates consist of costs that can

be attributed to the function being performed and are forward looking based on the wage and salary index, the percent change in the post-retirement benefits, and the Consumer Price Index. Components that make up labor rates include: basic wages and salaries, supervision and support, benefits, and other miscellaneous costs.

Expense Factors:
The program applies expense factors to the direct cost. The factors include Commercial Marketing, Network Support, Directly Attributable, and Common.

Once the service provisioning process has been identified, the appropriate times, Probabilities, and labor rate/work group identifies are formatted into NRC Program input data sheets. The process specific input files are then inserted into the NRC Program. The program user selects run options on a menu, and the NRC program then accesses the appropriate input from the NRC program workbook spreadsheets to calculate cost results.

The cost calculations consist of Labor Time times Probability of Occurrence times Labor Rate equals Direct Cost. Added to the Direct cost are appropriate Expense Factors that calculate and display **Total**

Direct (TELRIC) Total Element Long Run Incremental Cost, **Direct *plus* Network Support, Direct *plus* Network Support *plus* Attributable**, and **Fully Allocated Costs**. (See *Section D, Description of Total Element Long Run Incremental Costs* for detailed description of the various cost levels).

D. DESCRIPTION OF TOTAL ELEMENT LONG RUN INCREMENTAL COSTS

Qwest Communications uses an incremental method to estimate product and service costs. It provides a measurement of costs over a period of time long enough to fully adjust to change output (e.g., size of facilities, levels of investment) to optimally accommodate this change. This methodology is forward looking in nature (i.e., it uses the latest technology costs or replacement costs). Since this incremental methodology is forward looking, it does *not* measure historic investment decisions of the corporation.

The QWEST incremental format disaggregates the cost results on a unitized basis into the components shown below:

Total Service Long Run Incremental Cost (TSLRIC) -- Total Service Long Run Incremental cost is the forward-looking cost avoided (or added) by discontinuing (or offering) an entire service or group of services in the most efficient manner, holding constant the production of all other services produced by the firm. This cost is often referred to in economic terms as the *direct* cost.

Shared Cost (SC) -- The cost associated with the provision of multiple services (service family). This cost is not volume sensitive and is eliminated only if the entire service family is discontinued.

Total Service Long Run Incremental Costs plus Shared Costs (TSLRIC + SC) -- The total Service Long Run Incremental Costs for a service plus the Shared Costs of a family of services.

Total Element Long Run Incremental Cost (TELRIC) -- Total Element Long Run Incremental cost, as defined by the Federal Communications Commission, is the sum of the forward-looking direct cost incurred in the production of a network element (as opposed to an entire service), attributed costs considered as shared under TSLRIC terminology and selected administrative costs considered as common under TSLRIC terminology.

Common Cost (CC)

For TSLRIC purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole. This cost does not vary with the provision of a service or a service family. These costs are sometimes referred to as *general overhead costs.* The Common Cost added to the TSLRIC + SC produces a **Fully Allocated Cost (FAC)** as required by commission rules.

For TELRIC purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole, after those costs that vary with the provisioning of individual network elements are removed. The costs removed from common for TELRIC purposes are included in TELRIC itself. **Total Element Long Run Incremental Cost plus TELRIC common costs (TELRIC + CC)** form the basis for pricing of Interconnection network elements. TELRIC + CC is the equivalent of fully allocated cost as the term is applied to network elements. Typically, the costs identified by these cost categories include capital costs for depreciation, return, and income taxes. TSLRIC also includes ongoing operating costs for: maintenance expense, assignable administration expense, product management expense, pre sales expense, sales compensation expense, expensed right to use fees, ad Valorem taxes and business fees.

E. STUDY ASSUMPTIONS

The cost factors used in this study are based on Prescribed Lives.

F. STUDY SUMMARY

Study Summary

Study Name	Washington Interconnection Docket	
Study Requester	*Terri Million*	
Type of Study	*Total Element Long Run Incremental Costs (TELRIC)*	
Study ID	*# 7246*	
Study Applications	*Pricing Decisions and Tariff Support*	
Completion Date	*January 10, 2003*	
Cost Analyst	*Dan Deffley/Denise Eoriatti*	
Cost Models Used	**Model**	**Version/Release Date**
	ENRC	*ENRC 214*
Cost Factors Used	**Factor**	**Effective Date**
	Directly Assigned	*02/01*
	Directly Attributable	*02/01*
	Common	*02/01*
Cost of Money	*9.63%*	
Major Cost Drivers	*Labor Times, Labor Rates and associated weightings.*	

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
CUSTOMER TRANSFER CHARGE POTS FIRST MECHANIZED	$4.68	$0.92	$0.23	$5.82
CUSTOMER TRANSFER CHARGE POTS EA ADDL MECHANIZED	$4.24	$0.83	$0.21	$5.28
CUSTOMER TRANSFER CHARGE POTS FIRST MANUAL	$17.06	$3.35	$0.83	$21.24
CUSTOMER TRANSFER CHARGE POTS EA ADDL MANUAL	$6.29	$1.23	$0.30	$7.83
CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL mechanized	$94.77	$18.59	$4.59	$117.96
CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL manual	$104.02	$20.41	$5.04	$129.47
CLEC TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT mechanized	$39.91	$7.83	$1.93	$49.68
CLEC TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT manual	$49.16	$9.65	$2.38	$61.19
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MECHANIZED	$71.10	$13.95	$3.44	$88.49
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST disconnection - MECHANIZED	$13.57	$2.66	$0.66	$16.89
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MANUAL	$89.41	$17.54	$4.33	$111.29
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST disconnection - MANUAL	$24.34	$4.78	$1.18	$30.30
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MECHANIZED	$43.61	$8.56	$2.11	$54.28
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL disconnection - MECHANIZED	$13.57	$2.66	$0.66	$16.89
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MANUAL	$43.61	$8.56	$2.11	$54.28
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL disconnection - MANUAL	$13.57	$2.66	$0.66	$16.89
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Install - MECHANIZED	$163.96	$32.17	$7.94	$204.07
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Disconnect - MECHANIZED	$18.07	$3.55	$0.88	$22.49
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Install - MANUAL	$171.71	$33.69	$8.32	$213.72
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Disconnect - MANUAL	$19.29	$3.78	$0.93	$24.01

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Install - MECHANIZED	$149.71	$29.37	$7.25	$186.34
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Disconnect - MECHANIZED	$9.63	$1.89	$0.47	$11.99
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Install - MANUAL	$150.43	$29.51	$7.29	$187.23
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Disconnect - MANUAL	$9.63	$1.89	$0.47	$11.99
UDIT M1-3 MULTIPLEXING INSTALL mechanized	$754.22	$147.98	$36.54	$938.73
UDIT M1-3 MULTIPLEXING INSTALL manual	$883.71	$173.38	$42.81	$1,099.91
UDIT M1-3 MULTIPLEXING DISCONNECT mechanized	$491.37	$96.41	$23.81	$611.58
UDIT M1-3 MULTIPLEXING DISCONNECT manual	$620.87	$121.81	$30.08	$772.76
UDIT DS0 REARRANGEMENT DUAL OFFICE mechanized	$114.79	$22.52	$5.56	$142.88
UDIT DS0 REARRANGEMENT DUAL OFFICE manual	$124.04	$24.34	$6.01	$154.39
UDIT DS0 REARRANGEMENT SINGLE OFFICE mechanized	$91.00	$17.85	$4.41	$113.27
UDIT DS0 REARRANGEMENT SINGLE OFFICE manual	$100.25	$19.67	$4.86	$124.78
UDIT HICAP REARRANGEMENT DUAL OFFICE mechanized	$140.88	$27.64	$6.83	$175.35
UDIT HICAP REARRANGEMENT DUAL OFFICE manual	$150.13	$29.46	$7.27	$186.86
UDIT HICAP REARRANGEMENT SINGLE OFFICE mechanized	$125.53	$24.63	$6.08	$156.24
UDIT HICAP REARRANGEMENT SINGLE OFFICE manual	$134.78	$26.44	$6.53	$167.75
DARK FIBER - ENGINEER VERIFICATION	$192.69	$37.81	$9.33	$239.83
DARK FIBER - SPLICE	$379.39	$74.44	$18.38	$472.20
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MECH	$69.42	$13.62	$3.36	$86.40
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MANUAL	$91.74	$18.00	$4.44	$114.18
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT DISCONNECT- MECHANIZED	$20.91	$4.10	$1.01	$26.03

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT DISCONNECT- MANUAL	$29.13	$5.72	$1.41	$36.26
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MECHANIZED	$63.19	$12.40	$3.06	$78.64
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MANUAL	$100.92	$19.80	$4.89	$125.61
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST DISCONNECT- MECHANIZED	$13.28	$2.61	$0.64	$16.53
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST DISCONNECT- MANUAL	$20.18	$3.96	$0.98	$25.12
LOCAL TANDEM SWITCHING - MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK INSTALL	$7.54	$1.48	$0.37	$9.39
LOCAL TANDEM SWITCHING - MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK DISCONNECT	$6.07	$1.19	$0.29	$7.55
9.11.1.3 CENTREX COMMON EQUIPMENT	$670.26	$131.51	$32.47	$834.24
ACCOUNT CODES, PER SYSTEM	$44.46	$8.72	$2.15	$55.34
ATTENDANT ACCESS LINE - PER STATION LINE	$0.64	$0.13	$0.03	$0.80
AUDIBLE MESSAGE WAITING	$0.56	$0.11	$0.03	$0.70
AUTHORIZATION CODES - PER SYSTEM	$132.97	$26.09	$6.44	$165.50
AUTOMATIC LINE, per station line	$0.19	$0.04	$0.01	$0.24
ARS - COMMON EQUIPMENT, per system	$1,166.66	$228.90	$56.52	$1,452.08
CALL DROP	$0.19	$0.04	$0.01	$0.24
CALL EXCLUSION - AUTOMATIC	$0.56	$0.11	$0.03	$0.70
CALL EXCLUSION	$0.37	$0.07	$0.02	$0.46
CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE	$0.56	$0.11	$0.03	$0.70
CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - SERVICE ESTABLSIHMENT	$8.70	$1.71	$0.42	$10.83
CALL WAITING INDICATION, per unique timing state, per timing state	$0.56	$0.11	$0.03	$0.70
CLASS - CONTINUOUS REDIAL, PER NUIMBER	$0.70	$0.14	$0.03	$0.87
CLASS - LAST CALL RETURN, PER NUMBER	$0.70	$0.14	$0.03	$0.88
CLASS - PRIORITY CALLING, PER NUMBER	$0.67	$0.13	$0.03	$0.83
CLASS - SELECTIVE CALL FORWARDING, PER NUMBER	$0.70	$0.14	$0.03	$0.87

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
CLASS - SELECTIVE CALL REJECTION, PER NUMBER	$0.67	$0.13	$0.03	$0.83
CFBL INCOMING ONLY	$21.07	$4.13	$1.02	$26.23
CFDA INCOMING ONLY	$21.07	$4.13	$1.02	$26.23
CONFERENCE CALLING - MEET ME - PER SYSTEM	$23.60	$4.63	$1.14	$29.38
CONFERENCE CALLING - PRESET - PER SYSTEM	$23.60	$4.63	$1.14	$29.38
DIR STA SEL/BUSY LAMP FLD, per arrangement	$0.19	$0.04	$0.01	$0.24
DIRECTED CALL PICK UP BARGE-IN	$11.20	$2.20	$0.54	$13.95
DIRECTED CALL PICKUP WITHOUT BARGE-IN	$11.20	$2.20	$0.54	$13.95
DISTINCTIVE RING/DISTINCTIVE CALL WAITING	$22.40	$4.40	$1.09	$27.88
EXPENSIVE ROUTE WARNING TONE - PER SYSTEM	$39.96	$7.84	$1.94	$49.74
FACILITY RESTRICTION LEVEL - PER SYSTEM	$24.58	$4.82	$1.19	$30.60
GROUP INTERCOM - PER LINE	$0.25	$0.05	$0.01	$0.32
HOT LINE - per line equipped, per line	$0.56	$0.11	$0.03	$0.70
HUNTING - MULTIPOSITION HUNT QUEUING - per group	$21.44	$4.21	$1.04	$26.69
HUNTING: MULTIPOSITION WITH ANNOUCEMENT IN QUEUE	$21.44	$4.21	$1.04	$26.69
HUNTING: MULTIPOSITION WITH MUSIC IN QUEUE	$22.64	$4.44	$1.10	$28.18
ISDN SHORT HUNT	$0.94	$0.19	$0.05	$1.18
LOUDSPEAKER PAGING TRUNK SIDE, per group	$98.09	$19.25	$4.75	$122.09
MAKE BUSY ARRANGEMENTS, per group	$0.37	$0.07	$0.02	$0.46
MAKE BUSY ARRANGEMENTS, per line	$0.37	$0.07	$0.02	$0.46
MESSAGE CENTER - per main station line, per line	$0.19	$0.04	$0.01	$0.24
MESSAGE WAITING VISUAL, per line	$0.19	$0.04	$0.01	$0.24
MUSIC ON HOLD - per system	$12.85	$2.52	$0.62	$16.00
PRIVACY RELEASE, per station line	$0.26	$0.05	$0.01	$0.33

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
QUERY TIME, per station line	$0.19	$0.04	$0.01	$0.24
STATION CAMP-ON, per main line, per line	$0.19	$0.04	$0.01	$0.24
TIME OF DAY CONTROL FOR ARS - PER SYSTEM	$69.92	$13.72	$3.39	$87.02
TIME OF DAY NCOS UPDATED, PER MAIN STATION	$0.30	$0.06	$0.01	$0.37
TIME OF DAY ROUTING, per line	$0.29	$0.06	$0.01	$0.36
TRUNK VERIFICATION FROM DESIGNATED STATION, PER LINE EQUIPPED	$0.22	$0.04	$0.01	$0.27
UCD - IN HUNT GROUP, incl. Queuing, Music on Queue, & Delay Announcement, per line	$0.37	$0.07	$0.02	$0.46
CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION	$539.89	$105.93	$26.16	$671.97
CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION	$269.94	$52.96	$13.08	$335.99
CMS - PACKET CONTROL CAPABILITY, PER SYSTEM	$269.94	$52.96	$13.08	$335.99
SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION INSTALL	$183.51	$36.00	$8.89	$228.40
SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION DISCONNECT	$5.03	$0.99	$0.24	$6.26
SMDR-P - ARCHIVED DATA	$98.52	$19.33	$4.77	$122.62
9.12.1.4 SUBSEQUENT ORDER CHARGE - MECHANIZED	$4.40	$0.86	$0.21	$5.48
9.12.1.4 SUBSEQUENT ORDER CHARGE - MANUAL	$7.71	$1.51	$0.37	$9.59
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MECHANIZED	$78.91	$15.48	$3.82	$98.21
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MANUAL	$94.60	$18.56	$4.58	$117.74
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MECHANIZED	$24.42	$4.79	$1.18	$30.39
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MANUAL	$31.57	$6.19	$1.53	$39.30
UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MECHANIZED	$70.15	$13.76	$3.40	$87.31
UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MANUAL	$84.52	$16.58	$4.09	$105.20
UNBUNDLED DS1 DID TRUNK PORT FACILITY DISCONNECT - MECHANZIED	$22.23	$4.36	$1.08	$27.67
UNBUNDLED DS1 DID TRUNK PORT FACILITY DISCONNECT - MANUAL	$29.65	$5.82	$1.44	$36.90
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MECHANIZED	$21.16	$4.15	$1.03	$26.34

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MANUAL	$57.98	$11.37	$2.81	$72.16
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST DISCONNECT - MECHANIZED	$4.85	$0.95	$0.23	$6.03
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST DISCONNECT - MANUAL	$11.50	$2.26	$0.56	$14.32
UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL INSTALL - MECHANIZED	$5.20	$1.02	$0.25	$6.47
UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL INSTALL - MANUAL	$9.97	$1.96	$0.48	$12.40
UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL DISCONNECT - MECHANIZED	$4.85	$0.95	$0.23	$6.03
UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL DISCONNECT - MANUAL	$6.98	$1.37	$0.34	$8.69
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MECHANIZED	$60.53	$11.88	$2.93	$75.33
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MANUAL	$97.34	$19.10	$4.72	$121.16
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL DISCONNECT - MECHANIZED	$13.28	$2.61	$0.64	$16.53
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL DISCONNECT - MANUAL	$18.60	$3.65	$0.90	$23.15
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL INSTALL- MECHANIZED	$11.95	$2.34	$0.58	$14.87
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL INSTALL- MANUAL	$16.71	$3.28	$0.81	$20.80
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL DIS - MECHANIZED	$10.47	$2.05	$0.51	$13.03
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL DIS - MANUAL	$12.60	$2.47	$0.61	$15.69
DS1 PRI ISDN TRUNK PORT INSTALL - MECHANIZED	$263.06	$51.61	$12.74	$327.41
DS1 PRI ISDN TRUNK PORT INSTALL - MANUAL	$277.43	$54.43	$13.44	$345.30
DS1 PRI ISDN TRUNK PORT DISCONNECT - MECHANIZED	$62.69	$12.30	$3.04	$78.03
DS1 PRI ISDN TRUNK PORT DISCONNECT - MANUAL	$69.85	$13.70	$3.38	$86.94
CCSAC STP PORT INSTALL mechanized	$200.83	$39.40	$9.73	$249.96
CCSAC STP PORT INSTALL manual	$210.08	$41.22	$10.18	$261.47
CCSAC STP PORT DISCONNECT mechanized	$38.63	$7.58	$1.87	$48.08
CCSAC STP PORT DISCONNECT manual	$45.31	$8.89	$2.19	$56.39

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER INSTALL mechanized	$33.66	$6.60	$1.63	$41.90
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER INSTALL manual	$40.34	$7.92	$1.95	$50.21
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER DISCONNECT mechanized	$27.09	$5.31	$1.31	$33.71
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER DISCONNECT manual	$33.77	$6.62	$1.64	$42.03
CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER INSTALL	$2.66	$0.52	$0.13	$3.31
CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER DISCONNECT	$2.66	$0.52	$0.13	$3.31
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER INSTALL mechanzied	$38.98	$7.65	$1.89	$48.52
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER INSTALL manual	$45.66	$8.96	$2.21	$56.84
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER DISCONNECT mechanized	$32.41	$6.36	$1.57	$40.33
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER DISCONNECT manual	$39.09	$7.67	$1.89	$48.65
CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER INSTALL	$15.96	$3.13	$0.77	$19.87
CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER DISCONNECT	$15.96	$3.13	$0.77	$19.87
ADDITIONAL ENGINEERING - BASIC (PER HALF HOUR)	$25.27	$4.96	$1.22	$31.46
ADDITIONAL ENGINEERING - OVERTIME (PER HALF HOUR)	$31.26	$6.13	$1.51	$38.91
ADDITIONAL LABOR INSTALLATION - OVERTIME (PER HALF HOUR)	$7.18	$1.41	$0.35	$8.94
ADDITIONAL LABOR INSTALLATION - PREMIUM (PER HALF HOUR)	$14.37	$2.82	$0.70	$17.89
ADDITIONAL LABOR OTHER - BASIC (PER HALF HOUR)	$22.03	$4.32	$1.07	$27.42
ADDITIONAL LABOR OTHER - OVERTIME (PER HALF HOUR)	$29.42	$5.77	$1.43	$36.62
ADDITIONAL LABOR OTHER - PREMIUM (PEER HALF HOUR)	$36.83	$7.23	$1.78	$45.84
TESTING AND MAINTENANCE - BASIC (PER HALF HOUR)	$23.40	$4.59	$1.13	$29.13
TESTING AND MAINTENANCE - OVERTIME (PER HALF HOUR)	$31.26	$6.13	$1.51	$38.91
TESTING AND MAINTENANCE - PREMIUM (PER HALF HOUR)	$39.12	$7.67	$1.90	$48.69
MAINTENANCE OF SERVICE - BASIC (PER HALF HOUR)	$22.03	$4.32	$1.07	$27.42

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
MAINTENANCE OF SERVICE - OVERTIME (PER HALF HOUR)	$29.42	$5.77	$1.43	$36.62
MAINTENANCE OF SERVICE - PREMIUM (PER HALF HOUR)	$36.83	$7.23	$1.78	$45.84
ADDITIONAL COOP ACCEPTANCE TESTING - BASIC (PER HALF HOUR)	$23.40	$4.59	$1.13	$29.13
ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME (PER HALF HOUR)	$31.26	$6.13	$1.51	$38.91
ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM (PER HALF HOUR)	$39.12	$7.67	$1.90	$48.69
NONSCHEDULED COOP TESTING - BASIC (PER HALF HOUR)	$23.40	$4.59	$1.13	$29.13
NONSHCEDULED COOP TESTING - OVERTIME (PER HALF HOUR)	$31.26	$6.13	$1.51	$38.91
NONSCHEDULED COOP TESTING - PREMIUM (PER HALF HOUR)	$39.12	$7.67	$1.90	$48.69
NONSCHEDULED MANUAL TESTING - BASIC (PER HALF HOUR)	$23.40	$4.59	$1.13	$29.13
NONSCHEDULED MANUAL TESTING - OVERTIME (PER HALF HOUR)	$31.26	$6.13	$1.51	$38.91
NONSCHEDULED MANUAL TESTING - PREMIUM (PER HALF HOUR)	$39.12	$7.67	$1.90	$48.69
COOPERATIVE SCHEDULED TESTING - LOSS (PER MONTH)	$0.07	$0.01	$0.00	$0.08
COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)	$0.07	$0.01	$0.00	$0.08
COOPERATIVE SCHEDULED TESTING - BALANCE (PER MONTH)	$0.26	$0.05	$0.01	$0.33
COOPERATIVE SCHEDULED TESTING - GAIN SLOPE (PER MONTH)	$0.07	$0.01	$0.00	$0.08
COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)	$0.07	$0.01	$0.00	$0.08
MANUAL SCHEDULED TESTING - LOSS (PER MONTH)	$0.13	$0.03	$0.01	$0.16
MANUAL SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)	$0.13	$0.03	$0.01	$0.16
MANUAL SCHEDULED TESTING - BALANCE (PER MONTH)	$0.53	$0.10	$0.03	$0.66
MANUAL SCHEDULED TESTING - GAIN SLOPE (PER MONTH)	$0.13	$0.03	$0.01	$0.16
MANUAL SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)	$0.13	$0.03	$0.01	$0.16
ADDITIONAL DISPATCH CHARGE mechanized	$34.86	$6.84	$1.69	$43.39
ADDITIONAL DISPATCH CHARGE manual	$37.43	$7.34	$1.81	$46.59
DATE CHANGE mechanized	$5.14	$1.01	$0.25	$6.40

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
DATE CHANGE manual	$7.71	$1.51	$0.37	$9.59
DESIGN CHANGE mecahnized	$40.53	$7.95	$1.96	$50.45
DESIGN CHANGE manual	$43.10	$8.46	$2.09	$53.65
UNE-P PBX DID TRUNKS EXISTING SERVICE mechanized	$4.60	$0.90	$0.22	$5.73
UNE-P PBX DID TRUNKS EXISTING SERVICE manual	$13.82	$2.71	$0.67	$17.20
UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL mechanized	$2.40	$0.47	$0.12	$2.99
UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL manual	$2.40	$0.47	$0.12	$2.99
UNE-P ISDN BRI EXISTING SERVICE FIRST mechanized	$4.60	$0.90	$0.22	$5.73
UNE-P ISDN BRI EXISTING SERVICE FIRST manual	$14.84	$2.91	$0.72	$18.48
UNE-P ISDN BRI EXISTING SERVICE EACH ADDL mechanized	$2.40	$0.47	$0.12	$2.99
UNE-P ISDN BRI EXISTING SERVICE EACH ADDL manual	$2.40	$0.47	$0.12	$2.99
UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE mechanized	$4.60	$0.90	$0.22	$5.73
UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE manual	$13.30	$2.61	$0.64	$16.56
UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE mechanized	$4.60	$0.90	$0.22	$5.73
UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE manual	$13.82	$2.71	$0.67	$17.20
UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE mechanized	$2.40	$0.47	$0.12	$2.99
UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE manual	$2.40	$0.47	$0.12	$2.99
UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE INSTALL	$31.36	$6.15	$1.52	$39.03
UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE DISCONNECT	$1.41	$0.28	$0.07	$1.75
UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE INSTALL	$9.59	$1.88	$0.46	$11.94
UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE DISCONNECT	$1.15	$0.23	$0.06	$1.44
UNE-P POTS FIRST LINE MANUAL NEW SERVICE INSTALL	$40.03	$7.85	$1.94	$49.82
UNE-P POTS FIRST LINE MANUAL NEW SERVICE DISCONNECT	$7.69	$1.51	$0.37	$9.57

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE INSTALL	$11.03	$2.16	$0.53	$13.72
UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE DISCONNECT	$1.15	$0.23	$0.06	$1.44
BONAFIDE REQUEST PROCESS FEE	$1,339.48	$262.81	$64.89	$1,667.18
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO INSTALL mechanized	$68.41	$13.42	$3.31	$85.15
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO INSTALL manual	$83.53	$16.39	$4.05	$103.97
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO DISCONNECT mechanized	$18.17	$3.56	$0.88	$22.61
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO DISCONNECT manual	$25.58	$5.02	$1.24	$31.84
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 INSTALL mechanized	$68.41	$13.42	$3.31	$85.15
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 INSTALL manual	$83.53	$16.39	$4.05	$103.97
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 DISCONNECT mechanized	$18.17	$3.56	$0.88	$22.61
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 DISCONNECT manual	$25.58	$5.02	$1.24	$31.84
UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL mechanized	$86.71	$17.01	$4.20	$107.93
UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL manual	$101.83	$19.98	$4.93	$126.75
UNE-COMBINATION LMC-LOOP DS0 FIRST DISCONNECT mechanized	$18.93	$3.71	$0.92	$23.56
UNE-COMBINATION LMC-LOOP DS0 FIRST DISCONNECT manual	$26.34	$5.17	$1.28	$32.79
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL mechanized	$69.66	$13.67	$3.37	$86.70
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL manual	$72.03	$14.13	$3.49	$89.66
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL DISCONNECT mechanized	$10.49	$2.06	$0.51	$13.06
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL DISCONNECT manual	$11.74	$2.30	$0.57	$14.61
UNE-COMBINATION LMC-LOOP DS1 FIRST INSTALL mechanized	$123.87	$24.30	$6.00	$154.17
UNE-COMBINATION LMC-LOOP DS1 FIRST INSTALL manual	$138.99	$27.27	$6.73	$172.99
UNE-COMBINATION LMC-LOOP DS1 FIRST DISCONNECT mechanized	$18.17	$3.56	$0.88	$22.61

G. **Summary of Results**
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
UNE-COMBINATION LMC-LOOP DS1 FIRST DISCONNECT manual	$25.58	$5.02	$1.24	$31.84
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL mechanized	$106.81	$20.96	$5.17	$132.94
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL manual	$109.19	$21.42	$5.29	$135.90
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL DISCONNECT mechanized	$9.73	$1.91	$0.47	$12.11
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL DISCONNECT manual	$10.98	$2.15	$0.53	$13.66
NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION INSTALL	$247.58	$48.58	$11.99	$308.15
NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION DISCONNECT	$135.20	$26.53	$6.55	$168.28
NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION INSTALL	$227.95	$44.72	$11.04	$283.71
NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION DISCONNECT	$141.75	$27.81	$6.87	$176.43
NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E INSTALL	$227.84	$44.70	$11.04	$283.58
NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E DISCONNECT	$141.32	$27.73	$6.85	$175.90
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MECHANIZED	$16.51	$3.24	$0.80	$20.55
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MANUAL	$30.71	$6.03	$1.49	$38.22
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK DISCONNECT - MECHANIZED	$6.26	$1.23	$0.30	$7.80
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK DISCONNECT - MANUAL	$13.42	$2.63	$0.65	$16.71
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MECHANIZED	$16.51	$3.24	$0.80	$20.55
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MANUAL	$30.71	$6.03	$1.49	$38.22
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK DISCONNECT - MECHANIZED	$6.26	$1.23	$0.30	$7.80
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK DISCONNECT - MANUAL	$13.42	$2.63	$0.65	$16.71
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL - MECHANIZED	$16.51	$3.24	$0.80	$20.55
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL - MANUAL	$30.71	$6.03	$1.49	$38.22
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK DISCONNECT - MECHANIZED	$6.26	$1.23	$0.30	$7.80
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK DISCONNECT - MANUAL	$13.42	$2.63	$0.65	$16.71

G. **Summary of Results**
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING INSTALL - MECHANIZED	$16.50	$3.24	$0.80	$20.54
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING INSTALL - MANUAL	$30.70	$6.02	$1.49	$38.21
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING DISCONNECT - MECH	$5.82	$1.14	$0.28	$7.25
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING DISCONNECT - MANUAL	$12.98	$2.55	$0.63	$16.15
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -MECHANIZED	$16.75	$3.29	$0.81	$20.84
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -MANUAL	$30.94	$6.07	$1.50	$38.51
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV DISCONNECT - MECH	$6.26	$1.23	$0.30	$7.80
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV DISCONNECT - MANUAL	$13.42	$2.63	$0.65	$16.71
NEW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV INSTALL - MECH	$16.50	$3.24	$0.80	$20.54
NEW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV INSTALL - MANUAL	$30.70	$6.02	$1.49	$38.21
NEW UNE-P ADV TRUNKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV DISCONNECT - MECH	$5.82	$1.14	$0.28	$7.25
NEW UNE-P ADV TRUNKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV DISCONNECT - MANUAL	$12.98	$2.55	$0.63	$16.15
NEW UNE-P COMPLEX TRANSLATIONS DIGITS OUTPULSED CHANGE SIGNALING	$7.98	$1.57	$0.39	$9.93
NEW UNE-P DID COMPLEX TRANSLATIONS SIGNALING CHANGE	$18.62	$3.65	$0.90	$23.18
NEW UNE-P DID BLOCK COMPROMISE - MECHANIZED	$7.40	$1.45	$0.36	$9.21
NEW UNE-P DID BLOCK COMPROMISE - MANUAL	$14.05	$2.76	$0.68	$17.49
NEW UNE-P DID GROUP OF 20 NUMBERS INSTALL - MECHANIZED	$5.42	$1.06	$0.26	$6.75
NEW UNE-P DID GROUP OF 20 NUMBERS INSTALL - MANUAL	$12.08	$2.37	$0.59	$15.03
NEW UNE-P DID GROUP OF 20 NUMBERS DISCONNECT - MECHANIZED	$4.49	$0.88	$0.22	$5.59
NEW UNE-P DID GROUP OF 20 NUMBERS DISCONNECT - MANUAL	$6.62	$1.30	$0.32	$8.24
NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK - MECHANIZED	$7.31	$1.44	$0.35	$9.10
NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK - MANUAL	$13.97	$2.74	$0.68	$17.39
NEW UNE-P DID RESERVE NONSEQUENTIAL TN - MECHANIZED	$6.39	$1.25	$0.31	$7.95
NEW UNE-P DID RESERVE NONSEQUENTIAL TN - MANUAL	$13.04	$2.56	$0.63	$16.23

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
NEW UNE-P DID TRUNK TERMINATIONS INSTALL - MECHANIZED	$6.46	$1.27	$0.31	$8.04
NEW UNE-P DID TRUNK TERMINATIONS INSTALL - MANUAL	$13.12	$2.57	$0.64	$16.33
NEW UNE-P DID TRUNK TERMINATIONS DISCONNECT - MECHANIZED	$13.28	$2.61	$0.64	$16.53
NEW UNE-P DID TRUNK TERMINATIONS DISCONNECT - MANUAL	$19.94	$3.91	$0.97	$24.82
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL - MECHANIZED	$6.39	$1.25	$0.31	$7.95
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL - MANUAL	$13.04	$2.56	$0.63	$16.23
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS DISCONNECT - MECHANIZED	$4.45	$0.87	$0.22	$5.53
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS DISCONNECT - MANUAL	$6.58	$1.29	$0.32	$8.19
NEW UNE- P COMPLEX TRANS FOR TRUNKSIDE TERMINATION	$86.44	$16.96	$4.19	$107.58
NEW UNE-P 2B+D BRI ISDN INSTALL - MECHANIZED	$112.59	$22.09	$5.45	$140.13
NEW UNE-P 2B+D BRI ISDN INSTALL - MANUAL	$126.28	$24.78	$6.12	$157.17
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MECHANIZED	$36.15	$7.09	$1.75	$44.99
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MANUAL	$43.31	$8.50	$2.10	$53.90
CUSTOM ROUTING- OPERATOR, DA DEVELOPMENT PER LCC	$175.52	$34.44	$8.50	$218.46
CUSTOM ROUTING- OPERATOR, DA INSTALLATION PER SWITCH	$128.57	$25.23	$6.23	$160.02
PLANNER VERIFICATION Per Manhole	$8.89	$1.74	$0.43	$11.07
MANHOLE VERIFICATION INSPECTOR Per Manhole	$59.80	$11.73	$2.90	$74.43
MANHOLE MAKE-READY INSPECTOR Per Manhole	$159.47	$31.29	$7.73	$198.48
RIGHT-OF-WAY INQUIRY PER INQUIRY	$268.87	$52.75	$13.03	$334.65
RIGHT-OF-WAY DOCUMENT PREPARATION	$79.73	$15.64	$3.86	$99.24

G. Summary of Results
Commission Prescribed Costing & Pricing

State: Washington

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL - MECHANIZED	$30.83	$6.05	$1.49	$38.38
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL - MANUAL	$50.06	$9.82	$2.43	$62.30
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP DISCONNECT - MECHANIZED	$5.73	$1.13	$0.28	$7.14
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP DISCONNECT - MANUAL	$15.41	$3.02	$0.75	$19.17
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL- MECHANIZED	$36.04	$7.07	$1.75	$44.86
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL- MANUAL	$55.26	$10.84	$2.68	$68.78
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP DISCONNECT- MECHANIZED	$5.73	$1.13	$0.28	$7.14
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP DISCONNECT- MANUAL	$15.41	$3.02	$0.75	$19.17
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MECHANIZED	$30.83	$6.05	$1.49	$38.38
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MANUAL	$50.06	$9.82	$2.43	$62.30
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP DISCONNECT- MECHANIZED	$5.73	$1.13	$0.28	$7.14
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP DISCONNECT- MANUAL	$15.41	$3.02	$0.75	$19.17
UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MECHANIZED	$72.23	$14.17	$3.50	$89.90
UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MANUAL	$94.55	$18.55	$4.58	$117.68
UPS DS1/DS3 ATM SWITCH INTERFACE PORT DISCONNECT - MECHANIZED	$22.23	$4.36	$1.08	$27.67
UPS DS1/DS3 ATM SWITCH INTERFACE PORT DISCONNECT - MANUAL	$29.13	$5.72	$1.41	$36.26

H. WASHINGTON PART D FINAL COMPLIANCE ORDER COST MODIFICATIONS

CTC
No changes made
LIS SWITCHED TRANSPORT - Elements withdrawn from filing, removed from study.
CLEC TO CLEC CROSS-CONNECT
Developed Mechanized and Manual elements.
Applied 70% probability to reduce work times by 30% except CO disconnect times orderd.
Mechanized - removed manual ASR input to EXACT time.
Mechanized - removed manual FOC (Firm Order Confirmation) time.
Manual - changed Input ASR Into EXACT and Manual FOC probabilities to 1.

BASIC LOOP WITH COOPERATIVE TESTING DS0, DS1, DS3, OCN
Applied 70% probability to reduce work times by 30% except ISC 6 min. and CO disconnect times orderd.

If manual time is same as mechanized or 70% weighting lowers applied time below mechanized, did not apply weighting, made time same as mechanized.

UDIT
Developed Mechanized and Manual elements.
Applied 70% probability to reduce work times by 30% except CO disconnect times orderd.
Mechanized - removed manual ASR input to EXACT time.
Mechanized - removed manual FOC (Firm Order Confirmation) time.
Manual - changed Input ASR Into EXACT and Manual FOC probabilities to 1.

DARK FIBER
Applied 70% probability to reduce work times by 30%

H. WASHINGTON PART D FINAL COMPLIANCE ORDER COST MODIFICATIONS

CCSAC

Developed Mechanized and Manual elements. Meachanized does not apply to Basic and Database Ea Addl.

Applied 70% probability to reduce work times by 30% except CO disconnect times orderd.
Mechanized - removed manual ASR input to EXACT time.
Mechanized - removed manual FOC (Firm Order Confirmation) time.
Manual - changed Input ASR Into EXACT and Manual FOC probabilities to 1.

MISCELLANEOUS ADDITIONAL DISPATCH, DATE, DESIGN CHANGE

Developed Mechanized and Manual elements.
Applied 70% probability to reduce work times by 30% except CO disconnect times orderd.
Mechanized - removed manual FOC (Firm Order Confirmation) time.
Manual - changed Input ASR Into EXACT and Manual FOC probabilities to 1.

UNE-P POTS EXISTING

Elements removed per order page 25, paragraph 102.

UNE-P PBX DID TRUNKS EXISTING

UNE-P ISDN BRI EXISTING

UNE-P ISDN PRI EXISTING

Applied 70% probability to reduce work times by 30% except for 6 min. in ISC.
First Manual element applied current Qwest ISC times. No manual times previously filed.
If Each Additional Mechanized and Manual times are the same. 3 min ISC time applied.

UNE-P POTS NEW

Applied 70% probability to reduce work times by 30% except Install re-connect workitems.

H. WASHINGTON PART D FINAL COMPLIANCE ORDER COST MODIFICATIONS

BONAFIDE REQUEST
Applied 70% probability to reduce work times by 30%.

LMC MUX
Develop Manual elements
Applied 70% probability to reduce work times by 30% except ISC 6 min. and CO disconnect times orderd.

Manual elements applied current Qwest ISC times. No manual times previously filed.
If Each Additional Mechanized and Manual times are the same. 3 min ISC time applied.

UDIT-EUDIT REMOTE NODE PORT - Elements withdrawn from filing, removed from study.

SUBLOOP - Elements withdrawn from filing, removed from study.

CUSTOM ROUTING
Applied 70% probability to reduce work times by 30%.

POLES, DUCTS, ROW
Applied 70% probability to reduce work times by 30%.

DS1 LOCAL MESSAGE TRUNK PORT
Applied 70% probability to reduce work times by 30%.
Developed Mechanized elements

TRUNK GROUP, 1ST
Applied 70% probability to reduce work times by 30%.
Developed Mechanized elements

MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK
Applied 70% probability to reduce work times by 30%.

H. WASHINGTON PART D FINAL COMPLIANCE ORDER COST MODIFICATIONS

OPTIONAL FEATURES
Applied 70% probability to reduce work times by 30%.

SUBSEQUENT ORDER CHARGE
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN)
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

UNBUNDLED DS1 DID TRUNK PORT FACILITY
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

UNBUNDLED (DS0) ANALOG TRUNK PORT
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

UNBUNDLED (DS0) ANALOG TRUNK PORT
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL
Applied 70% probability to reduce work times by 30%.

Developed Manual elements

H. WASHINGTON PART D FINAL COMPLIANCE ORDER COST MODIFICATIONS

DS1 PRI ISDN TRUNK PORT
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION
Applied 70% probability to reduce work times by 30%.

NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E
Applied 70% probability to reduce work times by 30%.

NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING

INSTALL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

H. WASHINGTON PART D FINAL COMPLIANCE ORDER COST MODIFICATIONS

NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV
INSTALL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV
INSTALL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P DID COMPLEX TRANSLATIONS SIGNALING CHANGE
Applied 70% probability to reduce work times by 30%.

NEW UNE-P DID BLOCK COMPROMISE
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P DID GROUP OF 20 NUMBERS
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P DID RESERVE NONSEQUENTIAL TN

Applied 70% probability to reduce work times by 30%.
Developed Manual elements

H. WASHINGTON PART D FINAL COMPLIANCE ORDER COST MODIFICATIONS

NEW UNE-P DID TRUNK TERMINATIONS INSTALL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL
Applied 70% probability to reduce work times by 30%.

NEW UNE-P 2B+D BRI ISDN INSTALL - MECHANIZED
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MANUAL
Applied 70% probability to reduce work times by 30%.
Developed Manual elements

UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MECHANIZED
Applied 70% probability to reduce work times by 30%.

Developed Mechanized elements