

Contract Number T12-PCH-741

for

Secondary Transport Ethernet Services

between

Consolidated Technology Services

and

Noel Communications, Inc.

Effective Date:

5-25-12

Table of Contents

1.	Definition of Terms	1
----	---------------------------	---

Contract Term

2.	Term.....	4
3.	Survivorship.....	4

Pricing, Invoice And Payment

4.	Pricing.....	5
5.	Tariffs	5
6.	Advance Payment Prohibited	6
7.	Taxes.....	6
8.	Invoice and Payment.....	6
9.	Overpayments to Contractor.....	7

Contractor's Responsibilities

10.	Transition Planning.....	7
11.	Contractor Implementation and Installation Requirements	7
12.	Service Availability	8
13.	Service Performance.....	8
14.	Service Latency	8
15.	Packet Loss	8
16.	Service Interface & Termination Requirements	9
17.	Equipment Space and Power	9
18.	Extended D-mark.....	9
19.	Ethernet Standards	9
20.	VLAN	9
21.	Marking of Traffic	10
22.	Service Reports.....	10
23.	Service Repair and Trouble Reporting	10
24.	Service Maintenance.....	10
25.	Credit for Service Outages.....	11
26.	Circuit Administration	11
27.	Service Installation	11
28.	RFP Mandatory Requirements	11
29.	Supplemental Work Order.....	12
30.	Site Security.....	12
31.	Acceptance Testing.....	12
32.	Contractor Commitments, Warranties and Representations.....	12
33.	Minority and Women's Business Enterprise (MWBE) Participation.....	12
34.	Protection of Purchaser's Confidential Information.....	12

Table of Contents, cont'd

Purchaser's Authority and Responsibilities

35.	Purchaser Use of Contract	14
-----	---------------------------------	----

Contract Administration

36.	Legal Notices	14
37.	Contractor Account Manager	15
38.	Contractor Project Manager	15
39.	Section Headings, Incorporated Documents and Order of Precedence	15
40.	Entire Agreement	16
41.	Authority for Modifications and Amendments	16
42.	Additional Services	16
43.	Independent Status of Contractor	16
44.	Governing Law	17
45.	Rule of Construction as to Ambiguities	17
46.	Subcontractors	17
47.	Assignment	17
48.	Publicity	18
49.	Review of Contractor's Records	18

General Provisions

50.	Patent and Copyright Indemnification	19
51.	Save Harmless	19
52.	Insurance	19
53.	Industrial Insurance Coverage	21
54.	Licensing Standards	21
55.	Antitrust Violations	21
56.	Compliance with Civil Rights Laws	21
57.	Severability	21
58.	Waiver	21
59.	Treatment of Assets	22
60.	Contractor's Proprietary Information	22

Disputes and Remedies

61.	Disputes	22
62.	Non-Exclusive Remedies	23
63.	Failure to Perform	23
64.	Limitation of Liability	23

Contract Termination

65.	Termination for Default	24
66.	Termination for Convenience	25
67.	Termination for Withdrawal of Authority	25
68.	Termination for Non-Allocation of Funds	25

Table of Contents, cont'd

69.	Termination for Conflict of Interest	26
70.	Termination Procedure	26
71.	Covenant Against Contingent Fees.....	26

Contract Execution

72.	Authority to Bind	27
73.	Counterparts.....	27
74.	Facsimile Execution.....	27

Schedules

Schedule A:	<i>Authorized Product and Price List</i>
Schedule B:	<i>Statement of Work Template</i>
Schedule C:	<i>Escalation Procedures</i>
Schedule D:	<i>Authorized Purchasers</i>

Exhibits

Exhibit A:	CTS Request for Proposal/Quotations T12-RFP-023 for Secondary Transport Ethernet Services
Exhibit B:	Contractor's Response

Note: *Exhibits A and B are not attached. Exhibit A and the non-proprietary, non-confidential portions of Exhibit B are available upon request from the CTS Contract Administrator*

CONTRACT NUMBER T12-PCH-741

for

Secondary Transport Ethernet Services

PARTIES

This Contract ("Contract") is entered into by and between the state of Washington acting through **Consolidated Technology Services**, an agency of Washington State government (hereinafter "CTS"), and **Noel Communications, Inc.**, licensed to conduct business in the state of Washington, (hereinafter "Contractor") for the provisioning of Secondary Transport Ethernet Services to the State.

RECITALS

The state of Washington, acting by and through CTS, issued a Request for Proposal (RFP) dated February 24, 2012 (Exhibit A) for the purpose of establishing Contracts for Secondary Transport Ethernet Services in accordance with its authority under chapter 43.105 RCW.

Noel Communications, Inc. submitted a timely Response to CTS' RFP (Exhibit B).

CTS evaluated all properly submitted Responses to the above-referenced RFP and has identified Noel Communications, Inc. as an apparently successful Vendor.

CTS has determined that entering into a Contract with Noel Communications, Inc. will meet the State's needs and will be in the State's best interest.

NOW THEREFORE, CTS awards to Noel Communications, Inc. this Contract, the terms and conditions of which shall govern Contractor's furnishing to Purchasers the Secondary Transport Ethernet Services. This Contract is not for personal use.

This Contract is an optional-use contract that neither financially binds the State nor otherwise obligates the State to purchase any Products or Services hereunder. Nor does the Contract prevent the State from purchasing the same or similar Products or Services from other sources, *provided that*, all legal acquisition requirements are satisfied.

IN CONSIDERATION of the mutual promises as hereinafter set forth, the parties agree as follows:

1. Definition of Terms

The following terms as used throughout this Contract shall have the meanings set forth below.

"Acceptance" shall mean that the Products passed Acceptance Testing and shall be formalized in a written notice from Purchaser to Contractor; or, if there is no Acceptance Testing, Acceptance shall occur when the Products are delivered.

"Acceptance Date" for Contractor-installed Products shall mean the date upon which Purchaser Accepts the Products as provided in the section titled **Standard of Performance and Acceptance**; and for Purchaser-installed Products, shall mean the date of delivery of the Products, or, if delivery of partial Orders has been agreed to between Purchaser and Contractor, the last date of delivery of the components of an Order.

“Acceptance Testing” shall mean the process for ascertaining that the Services meet the standards set forth in the section titled **Technical Requirements**, prior to Acceptance by Purchaser.

“Business Days and Hours” shall mean Monday through Friday, 8:00 a.m. to 5:00 p.m., Pacific Time, except for holidays observed by the state of Washington.

“Confidential Information” shall mean information that may be exempt from disclosure to the public or other unauthorized persons under either chapter 42.56 RCW or other state or federal statutes. Confidential Information includes, but is not limited to, names, addresses, Social Security numbers, e-mail addresses, telephone numbers, financial profiles, credit card information, driver’s license numbers, medical data, law enforcement records, Purchaser source code or object code, or Purchaser or State security information. Confidential Information also includes any Personal Information under the provisions of RCW 19.255.010 and RCW 42.56.590.

“Contractor” shall mean Noel Communications, Inc., its employees and agents. Contractor also includes any firm, provider, organization, individual, or other entity performing the business activities under this Contract. It shall also include any Subcontractor retained by Contractor as permitted under the terms of this Contract.

“Contractor Account Manager” shall mean a representative of Contractor who is assigned as the primary contact person with whom the CTS Contract Administrator shall work throughout the duration of this Contract, unless replaced, with advance approval of the CTS Contract Administrator, and as further defined in the section titled **Contractor Account Manager**.

“Contractor Project Manager” shall mean a representative of Contractor who is assigned to each Purchaser installation project as the coordinator of activities and the primary point of contact, as further defined in the section titled Contractor Project Manager.

“Delivery Date” shall mean the date by which the Products ordered hereunder must be delivered.

“CTS” shall mean the Washington State Consolidated Technology Services.

“CTS Contract Administrator” shall mean the Contract Administrator, designated by CTS as responsible for the maintenance and administration of this Contract, notices, reports and any other pertinent documentation or information. The CTS Contract Administrator may also conduct periodic performance or financial audits related to this Contract.

“DWDM” shall mean Dense Wave Division Multiplexing – A carrier service whereby multiple individual coherent light waves (lambdas) are used to carry digital information on a single fiber optic strand/cable.

“End-to-End Monitoring” shall mean The Vendor’s monitoring area of responsibility will be between the Vendor’s electronic equipment serving the Nodes at Location 1 and Location 2.

“Ethernet Transport” shall mean Ethernet based Secondary Transport aggregated to a regional node site.

“Effective Date” shall mean the first date this Contract is in full force and effect. It may be a specific date agreed to by the parties; or, if not so specified, the date of the last signature of a party to this Contract.

“Exhibit A” shall mean the RFP.

“Exhibit B” shall mean Contractor’s Response.

“Help Desk” shall mean a service provided by Contractor for the support of Contractor’s Products. Purchaser shall report warranty or maintenance problems to Contractor’s Help Desk for initial troubleshooting and possible resolution of the problems or for the initiation of repair or replacement services.

“Installation Date” shall mean the date by which all Ethernet Circuits ordered hereunder shall be in place, in good working order and ready for Acceptance Testing.

“Contract” shall mean this document, all schedules and exhibits, all amendments hereto and all Orders hereunder.

"Node Site(s)" shall mean A CTS or state institution operated backbone telecommunications facility in one of six (6) designated cities. Nodes participate fully in the NGN ring architecture. Node sites include Olympia, Pullman, Seattle, Spokane, Vancouver, and Yakima.

“Order” or “Order Document” shall mean any official document and attachments thereto specifying the Services to be purchased from Contractor under this Contract.

“Price” shall mean charges, costs, rates, and/or fees charged for the Services under this Contract and shall be paid in United States dollars.

“Project” shall mean the installation and provision of Ethernet service to a single end site for a specific term.

“Proprietary Information” shall mean information owned by Contractor to which Contractor claims a protectable interest under law. Proprietary Information includes, but is not limited to, information protected by copyright, patent, trademark, or trade secret laws.

"Purchaser" or "Authorized Purchaser" shall mean the state of Washington, CTS, and those entities listed as Authorized Purchasers in the list of Authorized Purchasers attached as Schedule D hereto, and any division, section, office, unit or other entity of Purchaser or any of the officers or other officials lawfully representing Purchaser.

“RCW” shall mean the Revised Code of Washington.

“RFP” shall mean the Request for Proposal used as a solicitation document to establish this Contract, including all its amendments and modifications, Exhibit A hereto.

“Response” shall mean Contractor’s Response to the RFP for Secondary Transport Ethernet Services, Exhibit B hereto.

“Schedule A: *Authorized Product and Price List*” shall mean the attachment to this Contract that identifies the authorized Products and Services and Prices available under this Contract.

“Schedule B: *Statement of Work Template*” shall mean the attachment to this Contract that provides example terms and conditions for a Statement of Work.

“Schedule C: *Escalation Procedures*” shall mean the attachment to this Contract that identifies Contractor’s escalation procedures.

“Schedule D: *Authorized Purchasers*” shall mean the attached certificate(s) indicating Contractor’s, and/or one or more of Contractor’s Subcontractor’s status as a minority or women’s business enterprise.

“Specifications” shall mean the technical and other specifications set forth in the RFP, Exhibit A, any additional specifications set forth in Contractor’s Response, Exhibit B, and the specifications

set forth in Contractor's Product documentation, whether or not Contractor produces such documentation before or after this Contract's Effective Date.

"**State**" shall mean the state of Washington.

"**Statement of Work**" or "**SOW**" shall mean a separate statement of the work to be accomplished by Contractor under the terms and conditions of this Contract. A template SOW is attached as Schedule B.

"**Subcontractor**" shall mean one not in the employment of Contractor, who is performing all or part of the business activities under this Contract under a separate contract with Contractor. The term "Subcontractor" means Subcontractor(s) of any tier.

"**Vendor Demarcation Point**" shall mean a physical location at the Purchaser's site where the Vendor's service physically terminates and is cross-connected to the State or Purchaser's equipment.

Contract Term

2. Term

- 2.1. This Contract's initial term shall be approximately two (2) years, commencing upon the Effective Date and expiring on June 30, 2014.
- 2.2. This Contract's term may be extended by three (3) additional one (1) year terms, provided that the extensions shall be at CTS' option and shall be effected by CTS giving written notice of its intent to extend this Contract to Contractor not less than thirty (30) calendar days prior to the Contract term's expiration and Contractor accepting such extension prior to the Contract term's expiration. No change in terms and conditions shall be permitted during these extensions unless specifically agreed to in writing.
- 2.3. Term of Statement of Work (SOW). The term of any SOW executed pursuant to this Contract shall be set forth in the SOW. The service term indicated in any SWO shall survive the expiration of the contract. The SOW may be terminated in accordance with the termination sections of this Contract or as agreed between the parties.

3. Survivorship

All purchase transactions executed pursuant to the authority of this Contract shall be bound by all of the terms, conditions, Prices and Price discounts set forth herein, notwithstanding the expiration of the initial term of this Contract or any extension thereof. Further, the terms, conditions and warranties contained in this Contract that by their sense and context are intended to survive the completion of the performance, cancellation or termination of this Contract shall so survive. In addition, the terms of the sections titled **Overpayments to Contractor; Ownership/Rights in Data; Contractor Commitments, Warranties and Representations; Protection of Purchaser's Confidential Information; License Grant; Software Ownership; Date Warranty; No Surreptitious Code Warranty; Section Headings, Incorporated Documents and Order of Precedence; Publicity; Review of Contractor's Records; Patent and Copyright Indemnification; Contractor's Proprietary Information; Disputes; and Limitation of Liability**, shall survive the termination of this Contract.

Pricing, Invoice and Payment

4. Pricing

- 4.1. Contractor agrees to provide the Services to Purchasers at the prices set forth in the *Authorized Product and Price List* attached as Schedule A to this Contract. Such prices may not be increased during the term of this Contract. Services may also be ordered based on subsequent site specific price quotes provided by Contractor.
- 4.2. Contractor may participate in the Federal Communication Commission's E-rate Discount program established pursuant to the Telecommunications Act of 1996, in accordance with the Schools and Libraries Division (SLD) of the Universal Service Administration Corporation (USAC) requirements.

5. Tariffs

- 5.1. Contractor agrees to make all State or Federal tariff filings that are required by law or regulation and that are necessary for contract performance. Contractor shall provide CTS with copies of all such tariffs on the same day they are filed. Contractor shall certify that all terms, conditions, and prices in the tariff are as stated in this Contract, and that the tariff contains nothing inconsistent with the Contract.
- 5.2. If necessary, Contractor shall make any initial filing required to implement the contract within ten (10) calendar days after the Effective Date of this Contract. If such initial filing is not permitted to become effective by the appropriate regulatory body (30) calendar days after the date of contract award, the CTS shall have the right partially or entirely to terminate the contract without liability.
- 5.3. Before this Contract becomes effective, Contractor shall provide to CTS copies of its current tariffs which pertain to the provision of the Service described herein.
- 5.4. After this Contract becomes effective, except for any filing pursuant to Section 9.1 hereof, Contractor agrees to provide advance copies of all revisions to tariffs or new tariffs that specifically pertain to the contract or that may materially and adversely affect the CTS' rights or obligations under the contract. These shall be provided to the CTS at least ten (10) calendar days in advance of the intended filing date. Contractor shall make no revisions to its tariffs that materially and adversely affect the CTS' rights or obligations under this contract.
- 5.5. If any ruling, order or determination of any regulatory agency or court of competent jurisdiction shall materially and adversely affect the Contractor's ability to offer Services under the terms and conditions of this Contract, Contractor agrees to immediately develop a proposal that provides comparable service to CTS at rates equal to or less than those set forth in the contract, and under terms and conditions identical to those set forth in the contract, to the extent permissible under applicable legal and regulatory requirements. Such service may be provided under other existing tariffs (if this can be done at such tariffs' then effective rates without further revision) or under newly filed tariffs. If Contractor is unwilling or unable to develop such a proposal within ten (10) days of any such event, the CTS will have the right partially or entirely to terminate the contract without liability.

6. Advance Payment Prohibited

No advance payment shall be made for the Services furnished by Contractor pursuant to this Contract.

7. Taxes

- 7.1. Purchaser will pay sales and use taxes, if any, imposed on the Products and Services acquired hereunder. Contractor must pay all other taxes including, but not limited to, Washington Business and Occupation Tax, other taxes based on Contractor's income or gross receipts, or personal property taxes levied or assessed on Contractor's personal property. Purchaser, as an agency of Washington State government, is exempt from property tax.
- 7.2. Contractor shall complete registration with the Washington State Department of Revenue and be responsible for payment of all taxes due on payments made under this Contract.
- 7.3. All payments accrued on account of payroll taxes, unemployment contributions, any other taxes, insurance, or other expenses for Contractor or Contractor's staff shall be Contractor's sole responsibility.

8. Invoice and Payment

- 8.1. Contractor will submit properly itemized invoices to the person identified by Purchaser at the address provided by Purchaser. Invoices shall provide and itemize, as applicable:
 - End-Site Name (provided by Purchaser)
 - Contract number T12-PCH-741 and Order Number YY-YY;
 - Contractor account number
 - Contractor circuit identifier
 - Contractor name, address, phone number, and Federal Tax Identification Number;
 - Description of Services provided;
 - Monthly Recurring Charges for Service;
 - Date(s) of delivery of Services
 - Multiplexing charges (if applicable)
 - Installation cost (if applicable)
 - Applicable taxes;
 - Other applicable charges;
 - Any service credits, including without limitation Out of Service credits issued pursuant to this Contract;
 - Total invoice amount; and
 - Payment terms including any available prompt payment discounts.

- 8.2. Contractor shall complete registration with the Washington Statewide Vendor Payment Registration system prior to issuing any invoices for services. Registration may be completed at: <http://www.ofm.wa.gov/accounting/vendors.asp>.
- 8.3. Payments shall be due and payable within thirty (30) calendar days after receipt and Acceptance of Products or Services or thirty (30) calendar days after receipt of properly prepared invoices, whichever is later.
- 8.4. With each invoice Contractor shall provide an *Affidavit of Amounts Paid* specifying the amounts paid to each certified MWBE under the Contract, as set forth in Section 33 below.
- 8.5. Incorrect or incomplete invoices will be returned by Purchaser to Contractor for correction and reissue.
- 8.6. The CTS Contract number T12-PCH-741 and SWO number [YY-YY] must appear on all bills of lading, packages, and correspondence relating to this Contract.
- 8.7. Purchaser shall not honor drafts, nor accept goods on a sight draft basis.
- 8.8. If Purchaser fails to make timely payment, Contractor may invoice Purchaser one percent (1%) per month on the amount overdue or a minimum of one dollar (\$1). Payment will not be considered late if payment is deposited electronically in Contractor's bank account or if a check or warrant is postmarked within thirty (30) calendar days of Acceptance of the Equipment or receipt of Contractor's properly prepared invoice, whichever is later.

9. Overpayments to Contractor

Contractor shall refund to Purchaser the full amount of any erroneous payment or overpayment under this Contract within thirty (30) days' written notice. If Contractor fails to make timely refund, Purchaser may charge Contractor one percent (1%) per month on the amount due, until paid in full.

Contractor's Responsibilities

10. Transition Planning

For those Purchasers receiving point-to-point transport or private line services from Contractor pursuant to other CTS-administered contracts, Contractor agrees, at the sole option of CTS, to provide Services pursuant to the terms and subject to the conditions of this Contract without assessing any transition or termination penalty or obligation on behalf of Purchasers.

11. Contractor Implementation and Installation Requirements

11.1. Test Service Implementations

CTS and Contractor hereby agree that for a mutually agreed-upon test period specified in the Supplemental Work Order, to install evaluation service at no cost to Purchaser. At the successful conclusion of the test period, at CTS discretion, the service may be moved into production and Contractor may commence billing for the service. The Contractor agrees to assume sole responsibility for all costs associated with the service during the Test Service Implementation.

Contractor agrees to install test circuit(s) provided pursuant to this Section within 45 days of execution of a Supplemental Work order where facilities already exist or 90 days of execution of a Supplemental Work Order where facilities do not exist.

11.2. Notifications

Contractor must notify end user customers of scheduled installations at least 24 hours prior to arrival at the site.

Contractor must notify and work with the CTS Network Control Center (NCC) when testing/completing installation of service.

11.3. Coordination With Local Telephone Company

Contractor agrees to coordinate with the Local Telephone Company (ies), Interexchange Carriers (IXC), and other transport service providers to connect existing and new circuits to the Node Site. All coordination pursuant to this Section shall be Contractor's sole responsibility.

11.4. Acquisition of Permits

The Contractor will be solely responsible for the acquisition of any required city, county, or state permits.

11.5. Coordination of Installation

Contractor agrees to coordinate Service installation with the Purchaser Digital Transport Services Manager and conduct installation between the hours of 6:00 a.m. and 6:00 p.m., Pacific Time on Business Days.

12. Service Availability

Contractor's secondary transport ethernet service must be available twenty-four (24) hours per day, three hundred sixty five (365) calendar days per year.

13. Service Performance

The Vendor's service must perform at a minimum 99.99 percent of the time during a calendar month.

14. Service Latency

Contractor's five (5) minute average end-to-end packet latency must be < 15ms. End-to-end is defined as packets traversing Purchased circuit from egress port on customer device to ingress customer device on other end of purchased circuit.

Latency is defined as the time taken for a packet to traverse a network from one destination to another.

15. Packet Loss

Contractor's five minute average for packet loss must be < .1% of the total packet throughput on service path. Service path is defined as Purchased circuit from egress port on customer device to ingress port on customer device on other end of purchased circuit.

16. Service Interface & Termination Requirements

Service Interface to Purchaser's Equipment:

Unless otherwise specified by Purchaser, the interfaces provided to Purchaser locations must be administratively configured for use as a fixed full duplex 100 or 1000 Mbps interface per the resulting work order or site agreement.

Service Capacities (Rate Limiting):

Contractor must be able to provide rate limiting/bandwidth metering at the Purchaser location.

Termination Requirements:

Contractor is responsible for all access and fiber/cabling to the point of service handoff at the customer premise equipment/switch/router.

16.1 CTS Node site connectivity requirements

All CTS node sites require an IEEE 802.1q trunk with a fiber handoff

16.2 Customer site connectivity requirements

Customer sites will require a standard Ethernet connection or an IEEE 802.1q trunk depending on the customer requirement. Customer sites will require either a fiber or copper handoff depending on their requirements.

16.3 Link Aggregation

Contractor's Ethernet services must provide support at the end site and node site for link aggregation (LACP) via the IEEE 802.3ad standard. This service will be implemented any time Customer requires two or more aggregation circuits at a node site.

17. Equipment Space and Power

Contractor shall be responsible for the purchase, installation, configuration and maintenance of all equipment required to provide Ethernet services to Purchaser. Following receipt of a work order Contractor must disclose whether Contractor owned equipment is required on Purchaser premises in order to deliver the required interface. If so, Contractor must disclose the type of equipment and the space and power requirements necessary to serve Contractor's equipment. Contractor must supply an uninterruptable power supply capable of providing at least 4 hours of backup power and use this to power their equipment.

18. Extended D-mark

If Purchaser requests extended d-mark – Contractor is responsible for installing, maintaining and servicing of the extended d-mark including any work done by a subcontractor.

19. Ethernet Standards

Contractor's Ethernet interface provided at the Purchaser's point-of-presence must adhere to IEEE 802.3 standards for 10 Mbps, 100 Mbps, 1,000 Mbps, or 10,000 Mbps Ethernet depending on the service purchased at the location by the Purchaser.

20. VLAN

Contractor's Ethernet services must provide support for virtual local area network (VLAN) via the IEEE 802.1Q standard.

21. Marking of Traffic

Contractor may not mark or remark any traffic without approval from CTS. All traffic leaving a Purchaser site will arrive after traversing the vendor network with the same markings it left with (QoS, Multicast, etc.).

22. Service Reports

22.1 Trouble Logs

Contractor will provide a weekly trouble log summary and error statistic reports to the Purchaser

- Emergency Repair/Trouble log contents are defined in Section 5.17.3
- Error Statistics report contents are defined in Section 5.17.5

22.2 Reason For Outage

Contractor will provide a per incident Reason for Outage (RFO). Preliminary RFOs shall be provided within 2 hours after an outage has been resolved with complete RFOs provided within 24 hours. For incidents requiring additional carrier research the RFO is to be updated every 24 hours until such time as a final determination has been made.

23. Service Repair and Trouble Reporting

23.1 Response to Trouble Reports

Contractor must respond to all trouble reports twenty-four (24) hours a day, 365 days per year within 4 hours.

23.2 Toll-Free Trouble Reporting Number

Contractor must provide a toll-free trouble reporting number.

23.3 Trouble Reporting

For all service problems the Contractor must provide periodic status report (type of problem, estimated time to repair, vendor ticket number) to the Purchaser.

Contractor must maintain a repair log listing the date of the repair occurrence, problem found, action taken to resolve the problem, and the total out-of-service time. Only issues affecting Purchaser's service need be logged.

23.4 End-to-End Service Monitoring and Test Capability

Contractor must have the capability of monitoring the service End-to-End and have the ability to perform remote site testing as necessary to troubleshoot problems with their service.

23.5 Error Statistics Reporting

Contractor must be able to provide continuous End-to-End Monitoring and error statistics for services they provide to the Purchaser.

24. Service Maintenance

24.1 Scheduled Routine Maintenance/Testing

Contractor and Purchaser will develop an agreed upon a maintenance window of days and times for scheduled maintenance and testing of the Purchaser's services.

24.2 Emergency Repair/Maintenance/Testing

Contractor must notify the Purchaser immediately if emergency maintenance or testing is going to occur that could potentially disrupt State network customer traffic.

25. Credit for Service Outages

In the event of an Out of Service Condition, as defined in Sections 12 and 13, where Contractor fails to restore Service to full capability within fifteen (15) minutes after initiation of the Out of Service Condition, Contractor agrees to grant Purchasers a credit against its basic Monthly Service Charge. Such credit shall be calculated as a 5% discount on the Purchaser's monthly bill for the affected transport path(s) for each Out of Service occurrence.

Each distinct outage will be considered a separate event. Contractor agrees to provide credits for all events occurring during a billing period. The credits will be applied to the billing for the month following the month in which the outage occurred. Award of the credit in no way relieves the Contractor of responsibility to correct the Out of Service Condition(s) and does not constitute an exclusive remedy for such Out of Service Condition(s).

26. Circuit Administration

The Ethernet circuits shall be administered by Purchaser.

27. Service Installation

Vendor must agree to have the service installed, tested and ready for CTS' acceptance at the sites on or before forty five (45) days, where facilities already exist, or ninety (90) days, where facilities do not exist, from the placement of an order. It is Vendor's responsibility to coordinate delivery, installation, testing, and making operational all items necessary to provide the services described. Vendor must notify end user customers of scheduled installations prior to arrival at the site. Vendors must notify the CTS Network Control Center (NCC) when testing/completing installation of service.

Vendors must notify end user customers of scheduled installations at least 24 hours prior to arrival at the site.

Vendors must notify and work with the CTS Network Control Center (NCC) when testing/completing installation of service.

28. RFP Mandatory Requirements

The RFP mandatory requirements are essential substantive terms of this Contract. Products and Services provided under this Contract shall meet or exceed all the mandatory requirements of the RFP.

29. Supplemental Work Order

- 29.1. All Services shall be performed pursuant to the terms of this Contract and shall be documented in an SWO or other order document established between Purchaser and Contractor.
- 29.2. The terms and conditions of any SOW/order document cannot conflict with the terms and conditions of this Contract. In the event of any conflict, the Contract shall prevail.
- 29.3. Contractor agrees that within ten (10) business days of the initial receipt of a SWO, Contractor shall either sign and return such SWO, or notify the CTS Contract Administrator of the need for additional time. No work shall be performed by Contractor until a SWO is executed by Contractor and Purchaser and is received by Contractor.

30. Site Security

While on Purchaser's premises, Contractor, its agents, employees, or Subcontractors shall conform in all respects with physical, fire, and security regulations.

31. Acceptance Testing

The evaluation and acceptance of the Services will be conducted by Purchaser network technicians and management and requires thirty (30) days of continuous service and will be restarted after every failure. The occurrence of three (3) "Out of Service" Occurrences as defined in Sections 12-13 will constitute grounds for immediate termination of the Contract or SWO, which shall be exercisable at CTS' sole option.

32. Contractor Commitments, Warranties and Representations

Any written commitment by Contractor within the scope of this Contract shall be binding upon Contractor. Failure of Contractor to fulfill such a commitment may constitute breach and shall render Contractor liable for damages under the terms of this Contract. For purposes of this section, a commitment by Contractor includes: (i) Prices, discounts, and options committed to remain in force over a specified period of time; and (ii) any warranty or representation made by Contractor in its Response or contained in any Contractor or manufacturer publications, written materials, schedules, charts, diagrams, tables, descriptions, other written representations, and any other communication medium accompanying or referred to in its Response or used to effect the sale to Purchaser.

33. Minority and Women's Business Enterprise (MWBE) Participation

With each invoice for payment and within thirty (30) days of Purchaser Contract Administrator's request, Contractor shall provide Purchaser an *Affidavit of Amounts Paid*. The *Affidavit of Amounts Paid* shall either state that Contractor still maintains its MWBE certification, or state that its Subcontractor(s) still maintain(s) its/their MWBE certification(s) and specify the amounts paid to each certified MWBE Subcontractor under this Contract. Contractor shall maintain records supporting the *Affidavit of Amounts Paid* in accordance with this Contract's **Review of Contractor's Records** section.

34. Protection of Purchaser's Confidential Information

- 34.1. Contractor acknowledges that some of the material and information that may come into its possession or knowledge in connection with this Contract or its performance may consist of

Confidential Information. Contractor agrees to hold Confidential Information in strictest confidence and not to make use of Confidential Information for any purpose other than the performance of this Contract, to release it only to authorized employees or Subcontractors requiring such information for the purposes of carrying out this Contract, and not to release, divulge, publish, transfer, sell, CTSclose, or otherwise make the information known to any other party without Purchaser's express written consent or as provided by law. Contractor agrees to release such information or material only to employees or Subcontractors who have signed a nonCTSclosure agreement, the terms of which have been previously approved by Purchaser. Contractor agrees to implement physical, electronic, and managerial safeguards to prevent unauthorized access to Confidential Information. Contractors that may come into contact with medical data will be required to complete a Business Associate agreement, as required by federal or state laws, including HIPAA, prior to the commencement of any work.

- 34.2. Immediately upon expiration or termination of this Contract, Contractor shall, at Purchaser's option: (i) certify to Purchaser that Contractor has destroyed all Confidential Information; or (ii) return all Confidential Information to Purchaser; or (iii) take whatever other steps Purchaser requires of Contractor to protect Purchaser's Confidential Information.
- 34.3. Purchaser reserves the right to monitor, audit, or investigate the use of Confidential Information collected, used, or acquired by Contractor through this Contract. The monitoring, auditing, or investigating may include, but is not limited to, salting databases.
- 34.4. Violation of this section by Contractor or its Subcontractors may result in termination of this Contract and demand for return of all Confidential Information, monetary damages, or penalties.

Purchaser's Authority and Responsibilities

35. Purchaser Use of Contract

- 35.1. The optional-use nature of this Contract relieves Purchaser of the need to conduct individual competitive activities as specific requirements arise. When acquiring service to specific sites, Purchaser may solicit price quotes from multiple Contractor(s) capable of serving the sites. Purchaser may consider criteria other than financial in their selection of a Contractor to provide the service. Additional criteria may include, but is not limited to, service quality, past performance, installation speed, labor resources available, and Vendor experience.
- 35.2. For a project with a total cost, as identified in the Supplemental Work Order (SWO) exceeding \$250,000, the Purchaser must solicit quotations from at least three (3) Vendors holding a Contract, or other Vendors. The SWO must identify at least two (2) Vendors that submitted a quotation, but were not awarded the work. The Contract Vendor shall not execute a Supplemental Work Order for a project in excess of this amount unless this requirement has been satisfied.
- 35.3. This Contract may not be used for any project with a total cost that is in excess of \$1.5 million (\$1,500,000.00). Projects that exceed \$1.5 million must be competitively bid in a separate competition.
- 35.4. Purchaser may elect to conduct formal Second Tier Competitions among contracted vendors to solicit price quotes for service to specific sites.

Contract Administration

36. Legal Notices

- 36.1. Any notice or demand or other communication required or permitted to be given under this Contract or applicable law (except notice of malfunctioning Products) shall be effective only if it is in writing and signed by the applicable party, properly addressed, and either delivered in person, or by a recognized courier service, or deposited with the United States Postal Service as first-class mail, postage prepaid certified mail, return receipt requested, to the parties at the addresses provided in this section. For purposes of complying with any provision in this Contract or applicable law that requires a "writing," such communication, when digitally signed with a Washington State Licensed Certificate, shall be considered to be "in writing" or "written" to an extent no less than if it were in paper form.

To Contractor at:

Noel Communications Inc

Attn: Diane Bennett

901 E Pitcher Street

Yakima, WA 98901

Phone: 509-575-4780

To CTS at:

State of Washington

Consolidated Technology Services

Attn: Contract Administrator

If by US Postal Service: If by Overnight Courier:

PO Box 41501

Olympia, WA 98504

Phone: 360-407-8781

1500 Jefferson St. SE

Olympia, WA 98501

E-mail: dbennett@noelcomm.com

E-mail: ctsdlois@cts.wa.gov

or to **Purchasers** at the address listed on their purchase order.

- 36.2. Notices shall be effective upon receipt or four (4) Business Days after mailing, whichever is earlier. The notice address as provided herein may be changed by written notice given as provided above.
- 36.3. In the event that a subpoena or other legal process commenced by a third party in any way concerning the Products or Services provided pursuant to this Contract is served upon Contractor or Purchaser, such party agrees to notify the other party in the most expeditious fashion possible following receipt of such subpoena or other legal process.

37. Contractor Account Manager

Contractor shall appoint an Account Manager for the State's account under this Contract who will provide oversight of Contractor activities conducted hereunder. Contractor's Account Manager will be the principal point of contact for CTS concerning Contractor's performance under this Contract. Contractor shall notify the CTS Contract Administrator, in writing, when there is a new Contractor Account Manager assigned to this Contract. The Contractor Account Manager information is:

Contractor Account Manager: Diane Bennett

Address: 901 E Pitcher St Yakima, WA 98901

Phone: 206-216-3732 Fax: 206-216-3792 E-mail: dbennett@noelcomm.com

38. Contractor Project Manager

Contractor shall assign a Contractor Project Manager for each Purchaser project. Purchaser shall have approval rights over the Contractor Project Manager, or any replacements thereof. The Contractor Project Manager shall be the principal point of contact for Purchaser and shall coordinate Contractor's activities. The Contractor Project Manager shall produce and maintain a complete plan for all Contractor-related activities concerning installation and training.

39. Section Headings, Incorporated Documents and Order of Precedence

- 39.1. The headings used herein are inserted for convenience only and shall not control or affect the meaning or construction of any of the sections.
- 39.2. Each of the documents listed below is, by this reference, incorporated into this Contract as though fully set forth herein.
 - Schedules A, B, C and D;
 - CTS' RFP (Exhibit A);
 - Contractor's Response to CTS' RFP (Exhibit B);
 - The terms and conditions contained on Purchaser's Order Documents, if used; and
 - All Contractor or manufacturer publications, written materials and schedules, charts, diagrams, tables, descriptions, other written representations and any other supporting

materials Contractor made available to Purchaser and used to effect the sale of Services to Purchaser.

39.3. In the event of any inconsistency in this Contract, the inconsistency shall be resolved in the following order of precedence:

Applicable federal and state statutes, laws, and regulations;

Sections of this Contract;

Schedules A, B, C and D;

CTS' RFP (Exhibit A);

Contractor's Response to CTS' RFP (Exhibit B);

The terms and conditions contained on Purchaser's Order Documents, if used; and

All Contractor or manufacturer publications, written materials and schedules, charts, diagrams, tables, descriptions, other written representations and any other supporting materials Contractor made available to Purchaser and used to affect the sale of Services to Purchaser.

40. Entire Agreement

This Contract sets forth the entire agreement between the parties with respect to the subject matter hereof and except as provided in the section titled **Contractor Commitments, Warranties and Representations**, understandings, agreements, representations, or warranties not contained in this Contract or a written amendment hereto shall not be binding on either party. Except as provided herein, no alteration of any of the terms, conditions, delivery, Price, quality, or Specifications of this Contract will be effective without the written consent of both parties.

41. Authority for Modifications and Amendments

No modification, amendment, alteration, addition, or waiver of any section or condition of this Contract shall be effective or binding unless it is in writing and signed by CTS and Contractor

42. Additional Services

Contractor may submit new Services with associated discounts or prices to the CTS Contract Administrator. New or changed Services submitted by Contractor shall meet all mandatory requirements of the RFP. Additional Services that are determined by CTS to be appropriate to the scope of this Contract, may be added to Schedule A of this Contract by an instrument in writing, signed by both Contractor and CTS. Such writing shall include a specific description of the additional Services, pricing, and additional terms and conditions as relevant.

43. Independent Status of Contractor

In the performance of this Contract, the parties will be acting in their individual, corporate or governmental capacities and not as agents, employees, partners, joint venturers, or associates of one another. The parties intend that an independent contractor relationship will be created by this Contract. The employees or agents of one party shall not be deemed or construed to be the

employees or agents of the other party for any purpose whatsoever. Contractor shall not make any claim of right, privilege or benefit which would accrue to an employee under chapter 41.06 RCW (State Civil Service Law) or Title 51 RCW (Industrial Insurance).

44. **Governing Law**

This Contract shall be governed in all respects by the law and statutes of the state of Washington, without reference to conflict of law principles. The jurisdiction for any action hereunder shall be exclusively in the Superior Court for the state of Washington. The venue of any action hereunder shall be in the Superior Court for Thurston County or the county in which Purchaser is located within the state of Washington.

45. **Rule of Construction as to Ambiguities**

Each party to this Contract acknowledges that such party has reviewed this Agreement and participated in its drafting and agrees that no provision of this Contract shall be construed against or interpreted to the disadvantage of a party by reason of such party having or being deemed to have drafted, structured or dictated such provision or provisions.

46. **Subcontractors**

Contractor may, with prior written permission from CTS, which consent shall not be unreasonably withheld, enter into subcontracts with third parties for its performance of any part of Contractor's duties and obligations. In no event shall the existence of a subcontract operate to release or reduce the liability of Contractor to Purchaser for any breach in the performance of Contractor's duties. For purposes of this Contract, Contractor agrees that all Subcontractors shall be held to be agents of Contractor. Contractor shall be liable for any loss or damage to Purchaser, including but not limited to personal injury, physical loss, harassment of Purchaser employees, or violations of the **Patent and Copyright Indemnification, Protection of Purchaser's Confidential Information, and Software Ownership** sections of this Contract occasioned by the acts or omissions of Contractor's Subcontractors, their agents or employees. The **Patent and Copyright Indemnification, Protection of Purchaser's Confidential Information, Software Ownership, Publicity and Review of Contractor's Records** sections of this Contract shall apply to all Subcontractors.

47. **Assignment**

- 47.1. With the prior written consent of CTS, which consent shall not be unreasonably withheld, Contractor may assign this Contract including the proceeds hereof, provided that such assignment shall not operate to relieve Contractor of any of its duties and obligations hereunder, nor shall such assignment affect any remedies available to Purchaser that may arise from any breach of the sections of this Contract, or warranties made herein including but not limited to, rights of setoff.
- 47.2. CTS may assign this Contract to any public agency, commission, board, or the like, within the political boundaries of the state of Washington, provided that such assignment shall not operate to relieve Purchaser of any of its duties and obligations hereunder.

48. Publicity

- 48.1. The award of this Contract to Contractor is not in any way an endorsement of Contractor or Contractor's products by CTS or Purchaser and shall not be so construed by Contractor in any advertising or other publicity materials.
- 48.2. Contractor agrees to submit to CTS, all advertising, sales promotion, and other publicity materials relating to this Contract or any Product furnished by Contractor wherein CTS' or Purchaser's name is mentioned, language is used, or Internet links are provided from which the connection of CTS' or Purchaser's name with Contractor's Products or Services may, in CTS' or Purchaser's judgment, be inferred or implied. Contractor further agrees not to publish or use such advertising, sales promotion materials, publicity or the like through print, voice, the World Wide Web, and other communication media in existence or hereinafter developed without the express written consent of CTS or Purchaser *prior* to such use.

49. Review of Contractor's Records

- 49.1. Contractor and its Subcontractors shall maintain books, records, documents and other evidence relating to this Contract, including but not limited to Minority and Women's Business Enterprise participation, protection and use of Purchaser's Confidential Information, and accounting procedures and practices which sufficiently and properly reflect all direct and indirect costs of any nature invoiced in the performance of this Contract. Contractor shall retain all such records for six (6) years after the expiration or termination of this Contract. Records involving matters in litigation related to this Contract shall be kept for either one (1) year following the termination of litigation, including all appeals, or six (6) years from the date of expiration or termination of this Contract, whichever is later.
- 49.2. All such records shall be subject at reasonable times and upon prior notice to examination, inspection, copying, or audit by personnel so authorized by the CTS Contract Administrator and/or the Office of the State Auditor and federal officials so authorized by law, rule, regulation or contract, when applicable, at no additional cost to the State. During this Contract's term, Contractor shall provide access to these items within Thurston County or the county where Purchaser is located. Contractor shall be responsible for any audit exceptions or CTS allowed costs incurred by Contractor or any of its Subcontractors.
- 49.3. Contractor shall incorporate in its subcontracts this section's records retention and review requirements.
- 49.4. It is agreed that books, records, documents, and other evidence of accounting procedures and practices related to Contractor's cost structure, including overhead, general and administrative expenses, and profit factors shall be excluded from Purchaser's review unless the cost or any other material issue under this Contract is calculated or derived from these factors.

General Provisions

50. Patent and Copyright Indemnification

50.1. Contractor, at its expense, shall defend, indemnify, and save CTS and Purchaser harmless from and against any claims against CTS or Purchaser that any Product supplied hereunder, or Purchaser's use of the Product within the terms of this Contract, infringes any patent, copyright, trade secret, trademark, or other similar proprietary right of a third party worldwide. Contractor shall pay all costs of such defense and settlement and any penalties, costs, damages and attorneys' fees awarded by a court or incurred by CTS or Purchaser provided that CTS or Purchaser:

Promptly notifies Contractor in writing of the claim, but CTS' or Purchaser's failure to provide timely notice shall only relieve Contractor from its indemnification obligations if and to the extent such late notice prejudiced the defense or resulted in increased expense or loss to Contractor; and

Cooperates with and agrees to use its best efforts to encourage the Office of the Attorney General of Washington to grant Contractor sole control of the defense and all related settlement negotiations.

50.2. If such claim has occurred, or in Contractor's opinion is likely to occur, CTS and Purchaser agree to permit Contractor, at its option and expense, either to procure the right to continue using the Product or to replace or modify the same so that they become noninfringing and functionally equivalent. If use of the Product is enjoined by a court and Contractor determines that none of these alternatives is reasonably available, Contractor, at its risk and expense, will take back the Product and provide Purchaser a refund. In the case of Product, Contractor shall refund to Purchaser its depreciated value. No termination charges will be payable on such returned Product, and the Purchaser will pay only those charges that were payable prior to the date of such return. Depreciated value shall be calculated on the basis of a useful life of seven (7) years commencing on the date of purchase and shall be an equal amount per year over said useful life. The depreciation for fractional parts of a year shall be prorated on the basis of three hundred sixty-five (365) days per year. In the event the Product has been installed less than one (1) year, all costs associated with the initial installation paid by Purchaser shall be refunded by Contractor.

51. Save Harmless

Contractor shall defend, indemnify, and save CTS and Purchaser harmless from and against any claims, including reasonable attorneys' fees resulting from such claims, by third parties for any or all injuries to persons or damage to property of such third parties arising from intentional, willful or negligent acts or omissions of Contractor, its officers, employees, or agents, or Subcontractors, their officers, employees, or agents. Contractor's obligations to defend, indemnify, and save CTS and Purchaser harmless shall not be eliminated or reduced by any alleged concurrent CTS or Purchaser negligence.

52. Insurance

52.1. Contractor shall, during the term of this Contract, maintain in full force and effect, the insurance described in this section. Contractor shall acquire such insurance from an

insurance carrier or carriers licensed to conduct business in the state of Washington and having a rating of A-, Class VII or better, in the most recently published edition of *Best's Reports*. In the event of cancellation, non-renewal, revocation or other termination of any insurance coverage required by this Contract, Contractor shall provide written notice of such to CTS within one (1) Business Day of Contractor's receipt of such notice. Failure to buy and maintain the required insurance may, at CTS' sole option, result in this Contract's termination.

- 52.2. The minimum acceptable limits shall be as indicated below, with no deductibles, unless otherwise indicated, for each of the following categories:

Commercial General Liability covering the risks of bodily injury (including death), property damage and personal injury, including coverage for contractual liability, with a limit of not less than \$1 million per occurrence/\$2 million general aggregate;

Business Automobile Liability (owned, hired, or non-owned) covering the risks of bodily injury (including death) and property damage, including coverage for contractual liability, with a limit of not less than \$1 million per accident;

Employers Liability insurance covering the risks of Contractor's employees' bodily injury by accident or disease with limits of not less than \$1 million per accident for bodily injury by accident and \$1 million per employee for bodily injury by disease;

Umbrella policy providing excess limits over the primary policies in an amount not less than \$3 million; and

Professional Liability Errors and Omissions, with a deductible not to exceed \$25,000, and coverage of not less than \$1 million per occurrence/\$2 million general aggregate.

- 52.3. Contractor shall pay premiums on all insurance policies. CTS shall be named as an additional insured on all general liability, automobile liability, and umbrella policies, and Contractor shall provide a copy of the policy endorsement(s) designating CTS as an additional named insured. Such policies shall also reference this Contract number T12-PCH-741 and shall have a condition that they not be revoked by the insurer until forty-five (45) calendar days after notice of intended revocation thereof shall have been given to CTS by the insurer.
- 52.4. All insurance provided by Contractor shall be primary as to any other insurance or self-insurance programs afforded to or maintained by the State and shall include a severability of interests (cross-liability) provision.
- 52.5. Contractor shall include all Subcontractors as insured under all required insurance policies, or shall furnish separate certificates of insurance and endorsements for each Subcontractor. Subcontractor(s) shall comply fully with all insurance requirements stated herein. Failure of Subcontractor(s) to comply with insurance requirements does not limit Contractor's liability or responsibility.
- 52.6. Contractor shall furnish to CTS copies of certificates and endorsements of all required insurance within thirty (30) calendar days of this Contract's Effective Date and copies of renewal certificates and endorsements of all required insurance within thirty (30) days after the renewal date. These certificates of insurance must expressly indicate compliance with each and every insurance requirement specified in this section. Failure to provide evidence of coverage may, at CTS sole option, result in this Contract's termination.

52.7. By requiring insurance herein, CTS does not represent that coverage and limits will be adequate to protect Contractor. Such coverage and limits shall not limit Contractor's liability under the indemnities and reimbursements granted to CTS in this Contract.

53. Industrial Insurance Coverage

Prior to performing work under this Contract, Contractor shall provide or purchase industrial insurance coverage for its employees, as may be required of an "employer" as defined in Title 51 RCW, and shall maintain full compliance with Title 51 RCW during the course of this Contract. CTS or Purchaser will not be responsible for payment of industrial insurance premiums or for any other claim or benefit for Contractor, or any Subcontractor or employee of Contractor, which might arise under the industrial insurance laws during the performance of duties and services under this Contract.

54. Licensing Standards

Contractor shall comply with all applicable local, state, and federal licensing, accreditation and registration requirements and standards necessary in the performance of this Contract. (See, for example, chapter 19.02 RCW for state licensing requirements and definitions.)

55. Antitrust Violations

Contractor and Purchaser recognize that in actual economic practice overcharges resulting from antitrust violations are usually borne by Purchaser. Therefore, Contractor hereby assigns to Purchaser any and all claims for such overcharges as to goods and services purchased in connection with this Contract, except as to overcharges not passed on to Purchaser resulting from antitrust violations commencing after the date of the bid, quotation, or other event establishing the Price under this Contract.

56. Compliance with Civil Rights Laws

During the performance of this Contract, Contractor shall comply with all federal and applicable state nondiscrimination laws, including but not limited to: Title VII of the Civil Rights Act, 42 U.S.C. §12101 *et seq.*; the Americans with Disabilities Act (ADA); and Title 49.60 RCW, Washington Law Against Discrimination. In the event of Contractor's noncompliance or refusal to comply with any nondiscrimination law, regulation or policy, this Contract may be rescinded, canceled, or terminated in whole or in part under the **Termination for Default** sections, and Contractor may be declared ineligible for further contracts with the State.

57. Severability

If any term or condition of this Contract or the application thereof is held invalid, such invalidity shall not affect other terms, conditions, or applications which can be given effect without the invalid term, condition, or application; to this end the terms and conditions of this Contract are declared severable.

58. Waiver

Waiver of any breach of any term or condition of this Contract shall not be deemed a waiver of any prior or subsequent breach. No term or condition of this Contract shall be held to be waived, modified, or deleted except by a written instrument signed by the parties.

59. Treatment of Assets

- 59.1. Nothing contained in this Contract shall be construed to transfer title to any property furnished by Purchaser.
- 59.2. Any Purchaser property furnished to Contractor shall, unless otherwise provided herein or approved by Purchaser, be used only for the performance of this Contract.
- 59.3. Contractor shall be responsible for any loss of or damage to property of Purchaser that results from Contractor's negligence or that results from Contractor's failure to maintain and administer that property in accordance with sound management practices.
- 59.4. Upon loss or destruction of, or damage to any Purchaser property, Contractor shall notify Purchaser thereof and shall take all reasonable steps to protect that property from further damage.
- 59.5. Contractor shall surrender to Purchaser all Purchaser property prior to completion, termination, or cancellation of this Contract.
- 59.6. All reference to Contractor under this section shall also include Contractor's employees, agents, or Subcontractors.

60. Contractor's Proprietary Information

Contractor acknowledges that CTS and Purchaser are subject to chapter 42.56 RCW and that this Contract shall be a public record as defined in chapter 42.17 RCW. Any specific information that is claimed by Contractor to be Proprietary Information must be clearly identified as such by Contractor. To the extent consistent with chapter 42.56 RCW, CTS and Purchaser shall maintain the confidentiality of all such information marked Proprietary Information. If a public disclosure request is made to view Contractor's Proprietary Information, CTS or Purchaser will notify Contractor of the request and of the date that such records will be released to the requester unless Contractor obtains a court order from a court of competent jurisdiction enjoining that disclosure. If Contractor fails to obtain the court order enjoining disclosure, CTS or Purchaser will release the requested information on the date specified.

Disputes and Remedies

61. Disputes

- 61.1. In the event a bona fide dispute concerning a question of fact arises between Contractor and Purchaser and it cannot be resolved between the parties or by the CTS Contract Administrator, either party may initiate the dispute resolution procedure provided herein.
- 61.2. The initiating party shall reduce its description of the dispute to writing and deliver it to the responding party. The responding party shall respond in writing within five (5) Business Days. The initiating party shall have five (5) Business Days to review the response. If after this review a resolution cannot be reached, both parties shall have five (5) Business Days to negotiate in good faith to resolve the CTSpute.

If the dispute cannot be resolved after five (5) Business Days, a Dispute Resolution Panel may be requested in writing by either party who shall also identify the first panel member. Within five (5) Business Days of receipt of the request, the other party will designate a panel member. Those two panel members will appoint a third individual to the Dispute Resolution Panel within the next five (5) Business Days.

The Dispute Resolution Panel will review the written descriptions of the dispute, gather additional information as needed, and render a decision on the dispute in the shortest practical time.

Each party shall bear the cost for its panel member and its attorneys' fees and share equally the cost of the third panel member.

- 61.3. Both parties agree to exercise good faith in dispute resolution and to settle disputes prior to using a Dispute Resolution Panel whenever possible. Unless irreparable harm will result, neither party shall commence litigation against the other before the Dispute Resolution Panel has issued its decision on the matter in dispute.
- 61.4. Purchaser and Contractor agree that, the existence of a dispute notwithstanding, they will continue without delay to carry out all their respective responsibilities under this Contract that are not affected by the dispute.
- 61.5. If the subject of the dispute is the amount due and payable by Purchaser for Services being provided by Contractor, Contractor shall continue providing Services pending resolution of the dispute provided Purchaser pays Contractor the amount Purchaser, in good faith, believes is due and payable, and places in escrow the difference between such amount and the amount Contractor, in good faith, believes is due and payable.

62. Non-Exclusive Remedies

The remedies provided for in this Contract shall not be exclusive but are in addition to all other remedies available under law.

63. Failure to Perform

If Contractor fails to perform any substantial obligation under this Contract, CTS or Purchaser shall give Contractor written notice of such Failure to Perform. If after thirty (30) calendar days from the date of the written notice Contractor still has not performed, then CTS or Purchaser may withhold all monies due and payable to Contractor, without penalty to CTS or Purchaser, until such Failure to Perform is cured or otherwise resolved.

64. Limitation of Liability

- 64.1. The parties agree that Contractor, CTS and Purchaser shall not be liable to each other, regardless of the form of action, for consequential, incidental, indirect, or special damages except a claim related to bodily injury or death, or a claim or demand based on a Date Warranty or No Surreptitious Code Warranty issue or patent, copyright, or other intellectual property right infringement, in which case liability shall be as set forth elsewhere in this Contract. This section does not modify any sections or any other conditions as are elsewhere agreed to herein between the parties. The damages specified in the sections titled **OSHA/WISHA**, **Termination for Default**, and **Review of Contractor's Records** are not consequential, incidental, indirect, or special damages as that term is used in this section.
- 64.2. Contractor, CTS and Purchaser shall not be liable for damages arising from causes beyond the reasonable control and without the fault or negligence of either Contractor, CTS or Purchaser. Such causes may include, but are not restricted to, acts of God or of the public

enemy, acts of a governmental body other than CTS or Purchaser acting in either its sovereign or contractual capacity, war, explosions, fires, floods, earthquakes, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but in every case the delays must be beyond the reasonable control and without fault or negligence of Contractor, CTS, Purchaser, or their respective Subcontractors.

- 64.3. Neither Contractor, CTS nor Purchaser shall be liable for personal injury to the other party or damage to the other party's property except personal injury or damage to property proximately caused by such party's respective fault or negligence.

Contract Termination

65. Termination for Default

- 65.1. If Contractor violates any material term or condition of this Contract or fails to fulfill in a timely and proper manner its material obligations under this Contract, then the CTS Contract Administrator or Purchaser shall give Contractor written notice of such failure or violation, and the failure or violation shall be corrected by Contractor within thirty (30) calendar days or as otherwise agreed. If such breach is not capable of cure within thirty (30) days, Contractor must commence cure within such thirty (30) day period and diligently pursue completion of such cure. If Contractor's failure or violation is not so corrected, this Contract may be terminated immediately by written notice from CTS to Contractor, or an Order may be terminated by written notice to Contractor from Purchaser.
- 65.2. In the event of termination of an Order or this Contract by CTS, Purchaser or CTS shall have the right to procure the Services that are the subject of this Contract on the open market and Contractor shall be liable for all damages, including, but not limited to: (i) the cost difference between the original Contract/Order price for the Services and the replacement costs of such Services acquired from another vendor; (ii) if applicable, all administrative costs directly related to the replacement of the Order or Contract, such as costs of competitive bidding, mailing, advertising, applicable fees, charges or penalties, staff time costs; and, (iii) any other direct costs to Purchaser or CTS resulting from Contractor's breach. CTS and Purchasers shall have the right to deduct from any monies due to Contractor, or that thereafter become due, an amount for damages that Contractor will owe CTS or Purchasers for Contractor's default.
- 65.3. If either CTS or Purchaser violates any material term or condition of this Contract or fails to fulfill in a timely and proper manner its obligations under this Contract, then Contractor shall give CTS or Purchaser, as appropriate, written notice of such failure, which shall be corrected by CTS or Purchaser within thirty (30) calendar days, or as otherwise agreed. If such failure to perform is not so corrected, Purchaser's Order may be terminated by written notice from Contractor to Purchaser or, if appropriate, this Contract may be terminated by written notice from Contractor to CTS.
- 65.4. If the Failure to Perform is without the defaulting party's control, fault, or negligence, the termination shall be deemed to be a **Termination for Convenience**.
- 65.5. This section shall not apply to any failure(s) to perform that results from the willful or negligent acts or omissions of the aggrieved party.

66. Termination for Convenience

- 66.1. When, at the sole discretion of CTS, it is in the best interest of the State, CTS may terminate this Contract, in whole or in part, by fourteen (14) calendar days written notice to Contractor.
- 66.2. Purchaser may terminate its Order upon sixty (60) days notice to Contractor. If an Order is so terminated, Purchasers are liable only for payments for Products and Services received and accepted by Purchaser prior to the effective date of termination.

67. Termination for Withdrawal of Authority

- 67.1. In the event that CTS or Purchaser's authority to perform any of its duties is withdrawn, reduced, or limited in any way after the commencement of this Contract or any Order and prior to normal completion, CTS may terminate this Contract, or a Purchaser may terminate its Order(s), by thirty (30) Business Days written notice to Contractor. No penalty shall accrue to CTS and Purchasers in the event this section shall be exercised. This section shall not be construed to permit CTS to terminate this Contract, or a Purchaser to terminate its Order(s) in order to acquire similar Products or Services from a third party. If this Contract is terminated pursuant to this Section, Purchaser is liable only for payments required by the terms of this Contract for Services received and accepted by Purchaser prior to the effective date of termination.
- 67.2. In the event that CTS' end user customer's authority to perform any of their duties related to receiving services from CTS through this contract is withdrawn, reduced, or limited in any way after the commencement of a SOW and prior to normal completion, CTS may terminate or amend SOW(s) or individual circuits in Service under this Contract and its associated SOW(s) without penalty upon thirty (30) days prior written notice. This section shall not be construed to permit CTS or its end user customer to terminate SOW(s) in order to acquire similar Services from a third party. If a SOW is terminated pursuant to this Section, CTS is liable only for payments required by the terms of this Contract for Services received and accepted prior to the effective date of termination.

68. Termination for Non-Allocation of Funds

- 68.1. If funds are not allocated to CTS or Purchaser to continue this Contract or Order in any future period, CTS may terminate this Contract or individual circuits in service under this Contract by seven (7) Business Days written notice to Contractor. CTS or Purchasers will not be obligated to pay any further charges for Services including the net remainder of agreed to consecutive periodic payments remaining unpaid beyond the end of the then-current period. CTS or Purchaser agrees to notify Contractor in writing of such non-allocation at the earliest possible time. No penalty shall accrue to CTS or Purchasers in the event this section shall be exercised. This section shall not be construed to permit CTS to terminate this Contract, or a Purchaser to terminate its Order(s) in order to acquire similar Products or Services from a third party. If a circuit is terminated pursuant to this Section, Purchaser is liable only for payments required by the terms of this Contract for Services received and accepted by Purchaser prior to the effective date of termination.
- 68.2. If funds are not allocated to CTS' end user customer to continue with Service under SOW(s) associated with this Contract in any future period, CTS may amend or terminate the applicable SOW(s) or individual circuits in Service under this Contract. Purchaser will

not be obligated to pay any further charges for Services including the net remainder of agreed to consecutive periodic payments remaining unpaid beyond the end of the then-current period. Purchaser agrees to notify Vendor in writing of such non-allocation at the earliest possible time. No penalty shall accrue to Purchaser in the event this section shall be exercised. This section shall not be construed to permit CTS or its end user customer to terminate SOW(s) in order to acquire similar Services from a third party. If a SOW is terminated pursuant to this Section, Purchaser is liable only for payments required by the terms of this Contract for Services received and accepted by Purchaser prior to the effective date of termination.

69. Termination for Conflict of Interest

CTS may terminate this Contract, or Purchaser its Order(s), by written notice to Contractor if CTS or Purchaser determines, after due notice and examination, that any party has violated chapter 42.52 RCW, Ethics in Public Service, or any other laws regarding ethics in public acquisitions and procurement and performance of contracts. In the event this Contract or any Order is so terminated, CTS and Purchasers shall be entitled to pursue the same remedies against Contractor as it could pursue in the event Contractor breaches this Contract or any Order.

70. Termination Procedure

- 70.1. In addition to the procedures set forth below, if CTS terminates this Contract, Vendor shall follow any procedures CTS specifies in CTS' Notice of Termination.
- 70.2. Unless otherwise provided herein, Purchaser shall pay to Contractor the agreed-upon Price, if separately stated, for the Products and Services received by Purchaser, provided that in no event shall Purchaser pay to Contractor an amount greater than Contractor would have been entitled to if this Contract or Order had not been terminated. Failure to agree with such determination shall be a dispute within the meaning of the **Disputes** section of this Contract. Purchaser may withhold from any amounts due Contractor such sum as Purchaser determines to be necessary to protect Purchaser from potential loss or liability.
- 70.3. Contractor shall pay amounts due Purchaser or CTS as the result of termination within thirty (30) calendar days of notice of the amounts due. If Contractor fails to make timely payment, Purchaser or CTS may charge interest on the amounts due at one percent (1%) per month until paid in full.

71. Covenant Against Contingent Fees

- 71.1. Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Contract upon any agreement or understanding for a commission, percentage, brokerage, or contingent fee, *except* bona fide employees or a bona fide established commercial or selling agency of Contractor.
- 71.2. In the event Contractor breaches this section, Purchaser shall have the right to either annul this Contract without liability to Purchaser, or, in Purchaser's discretion, deduct from payments due to Contractor, or otherwise recover from Contractor, the full amount of such commission, percentage, brokerage, or contingent fee.

Contract Execution

72. Authority to Bind

The signatories to this Contract represent that they have the authority to bind their respective organizations to this Contract.

73. Counterparts

This Contract may be executed in counterparts or in duplicate originals. Each counterpart or each duplicate shall be deemed an original copy of this Contract signed by each party, for all purposes.

74. Facsimile Execution

The parties agree that this Contract may be executed by facsimile signature, and shall be effective as of the date of such facsimile signature. If executed by facsimile, the parties agree to provide original signature pages within ten (10) business days of facsimile execution.

In Witness Whereof, the parties hereto, having read this Contract in its entirety, including all attachments, do agree in each and every particular and have thus set their hands hereunto.

Approved

State of Washington
Consolidated Technology Services



Signature

Michael Martel 5-25-12

Print or Type Name

Date

TSD AD

Title

Approved

Noel Communications, Inc.



Signature

Stephen Porter

Print or Type Name

5/15/2012

Date

Director of Operations and Network
Development

Title

Schedule A
Authorized Product and Price List

as of Effective Date
or
Contract Number T12-PCH-741
with
Noel Communications, Inc.

Contractor is authorized to sell only the Products and Services listed below under this Contract.

Service Rates

	Maximum MRC 10 Mb
Vendors must provide a maximum Monthly Recurring Charge (MRC) for 10 Mb Ethernet service.	\$1,200.00

Vendor Trunk Charges

Vendor must provide the total monthly cost for a 100 Mb and 1 Gigabyte aggregation trunk from the vendor Central Office to each CTS node site vendor proposes to connect to.

Bandwidth Levels

	100 Mb Ethernet Trunk Charge MRC	1 Gig. Ethernet Trunk Charge MRC
Olympia Node	\$1,440.00	\$2,400.00
Seattle Node	\$1,483.00	\$1,812.00
Spokane Node	\$1,440.00	\$2,400.00
Vancouver Node	\$1,400.00	\$2,400.00
Yakima Node	No Charge	No Charge

Schedule B

Statement of Work Template

This Supplemental Work Order YY-YY (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and *Noel Communications, Inc.* (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741 for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a _____ (X) year term measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide, at all times during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser’s Acceptance Testing (pursuant to Section 19 of the Contract) on or before forty five (45) days where

facilities exist and ninety (90) days where facilities do not exist from the date that an order is placed. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SOW after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SOW after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs display traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO [YY-YY] to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

*State of Washington
Consolidated Technology Services*

Signature

Print or Type Name

Title *Date*

Approved

Noel Communications, Inc.

Signature

Print or Type Name

Title *Date*

Schedule C

Escalation Procedures

For T12-PCH-741 with Noel Communications, Inc.

**FOR ALL TROUBLE REPORTS AND/OR CIRCUIT TURN UP PROCEDURES
THE FOLLOWING NETWORK PERSONNEL SHOULD BE CONTACTED**

**1-800-800-5347 and 509-575-4780 are 24 HOUR NUMBERS
PLEASE USE THESE NUMBERS BEFORE CELL PHONES**

**Gabrielle Springer Network Manager 1-800-800-5347
509-575-4780
509-457-5008 (Fax)
509-952-4047 Cell Phone**

**Eric Hill Network Supervisor 1-800-800-5347
509-575-4780
509-457-5008 (Fax)
509-952-7295 Cell Phone**

**Brittany Swarers Network Coordinator 1-800-800-5347
509-575-4780
509-457-5008 (Fax)
509-969-0268 Cell Phone**

**Tim Gavin Network Coordinator 1-800-800-5347
509-575-4780
509-457-5008 (Fax)
509-969-0268 Cell Phone**

Schedule D
Authorized Purchasers

for
Contract Number T12-PCH-741
with
Noel Communications, Inc.

Washington State Consolidated Technology Services

K20 Network Connected Institutions

Washington State Public Baccalaureate Institutions

Washington State Community and Technical Colleges

Washington State Public School Districts

Washington State Educational Services Districts (ESD)

Washington State Public Library Systems

Washington State Cities and Counties

Washington State Port Districts

Supplemental Work Order 13-01
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 13-01 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a five (5) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

6. Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to DIS' Contract Manager and DIS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

7. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

8. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

9. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

10. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

11. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

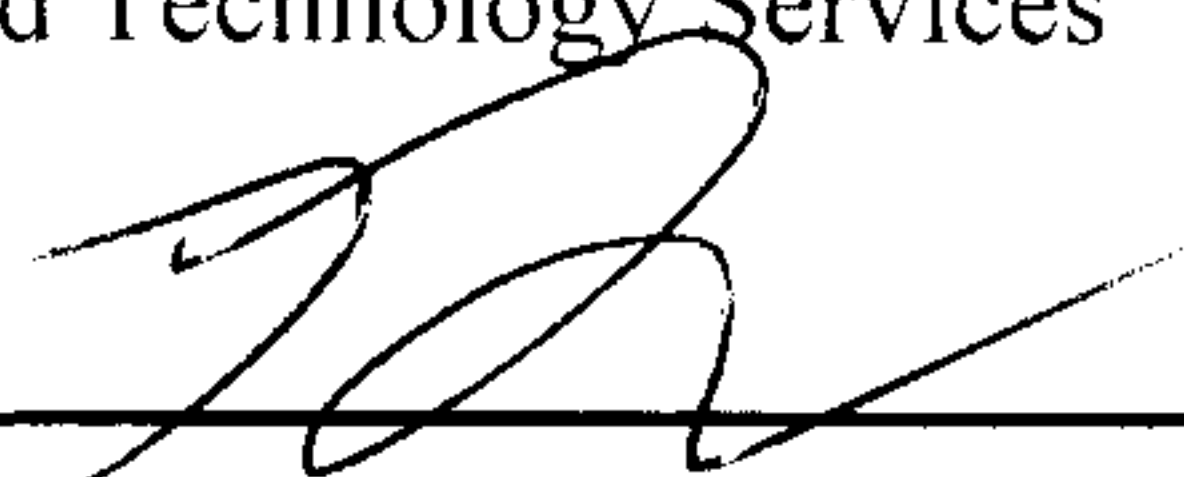
12. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 13-01 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services



Signature

Bruce Shwartz

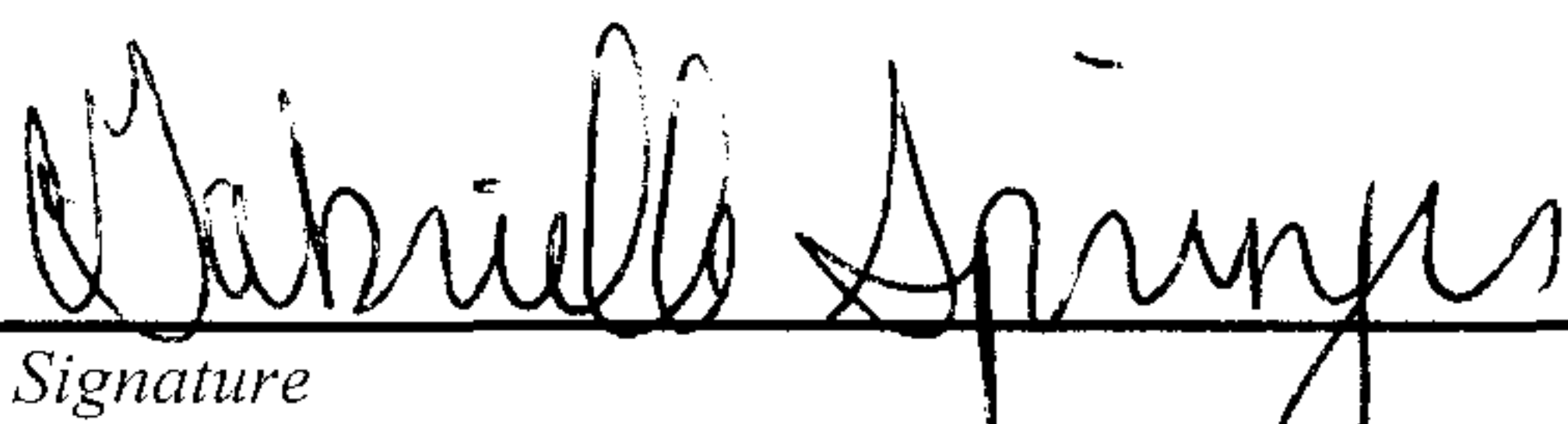
Print or Type Name

TSD OD *11-15-12*

Title *Date*

Approved

Noel Communications Inc



Signature

Gabrielle Srping

Print or Type Name

Network Manager *11/5/12*

Title *Date*

Attachment 1
SWO 13-01
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	CTS Node	Mb	Monthly Recurring Costs (\$)	Non- Recurring Charges (NRC) Install Charge (\$)
DFWELB	201 Pearl Street	Ellensburg	Olympia	10	\$408.00	\$495.00
DFWLCNR	111 Sherman Street	La Conner	Olympia	10	\$700.00	\$1,375.00

Supplemental Work Order 13-02
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 13-02 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANs.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a four (4) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

Attachment 1
SWO 13-02
Secondary Ethernet Site List
Noel Communications Inc

Customer Site	Address	Location	CTS Node	Mb	Monthly Recurring Costs (\$)	Non- Recurring Charges (NRC) Install Charge (\$)
DFWWAL	1340 N 13 th Ave	Walla Walla	Olympia	10	\$855.00	\$0

Supplemental Work Order 13-03
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 13-03 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect as specified in Attachment 1, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before May 1, 2013, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

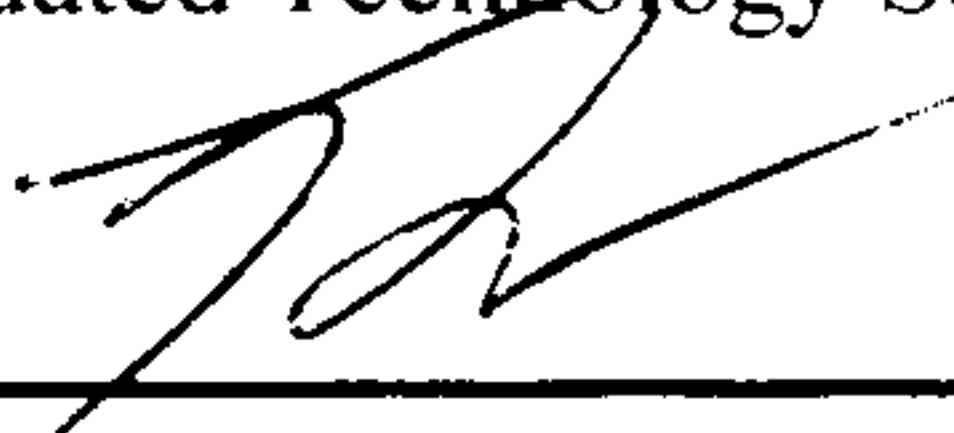
11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multi-router Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 13-03 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services



Signature

Bruce Shurtz

Print or Type Name

TSD RD

Title

3-12-13

Date

Approved

Noel Communications Inc.



Signature

Stephen L Porter

Print or Type Name

Director

Title

3/5/13

Date

Attachment 1
SWO 13-03
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	CTS Node	Mb	Monthly Term	Monthly Recurring Costs (\$)	Non-Recurring Charges (NRC) Install Charge (\$)
DSHS5038	SW 1338 Old Clifton Rd	Port Orchard	Olympia	10	12	\$975.00	\$500.00
DSHS2013	206 W Poplar	Walla Walla	Olympia	10	12	\$1,729.00	\$500.00
DSHS2015	416 E Main	Walla Walla	Olympia	10	60	\$650.00	\$0
DSHS1002	418 S Main St	Colfax	Olympia	10	60	\$1,275.00	\$5,000.00
DSHS2008	2010 Yakima Valley Hwy	Sunnyside	Olympia	10	60	\$695.00	\$0
DSHS2032	1726 Jerome Ave	Yakima	Olympia	10	60	\$915.00	\$0
DSHS2011	7122 W Okanogan Place	Kennewick	Olympia	10	60	\$450.00	\$0
DSHS2052	3311 W Clearwater Ave	Kennewick	Olympia	10	60	\$450.00	\$7,000.00
DSHS2017	1016 N 4 th Ave	Pasco	Olympia	10	60	\$375.00	\$0
DSHS2019	240 W Alder, Suite 201	Walla Walla	Olympia	10	60	\$710.00	\$0
DSHS2054	125 E Cherry St, Suite A	Walla Walla	Olympia	10	60	\$650.00	\$0
DSHS2002	7200 W Nob Hill Blvd	Yakima	Olympia	10	60	\$1,120.00	\$0
DSHS2058	117 N 3 rd St, Suite 103	Yakima	Olympia	10	60	\$900.00	\$0
DSHS2059	1710 S 24 th Ave	Yakima	Olympia	10	60	\$785.00	\$0
DSHS2031	605 McMurray	Richland	Olympia	10	60	\$700.00	\$0

Supplemental Work Order 13-04
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 13-04 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a four (4) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.


11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 13-04 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services



Signature

Bruce D. Shurtz

Print or Type Name

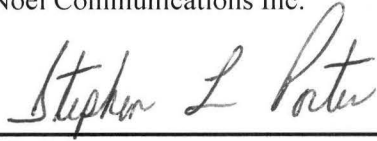
TSD-DD 4-15-13

Title

Date

Approved

Noel Communications Inc.



Signature

Stephen L. Porter

Print or Type Name

Director 4/8/13

Title

Date

Attachment 1
SWO 13-04
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	CTS Node	Mb	Monthly Term	Monthly Recurring Costs (\$)	Non-Recurring Charges (NRC) Install Charge (\$)
DORRCH0301	1657 Fowler St Suite 110	Richland	Olympia	10	48	\$653.00	\$0

Amendment Number 14-01
to
Contract Number T12-PCH-741
for Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 ("Contract"), this Amendment Number 14-01 is entered into by and between the State of Washington, Consolidated Technology Services (CTS) and Noel Communications, Inc. ("Contractor")

The purpose of this Amendment is to delete Schedule A in its entirety and replace with the following:

Schedule A

Authorized product and pricelist

Circuit Speed	Maximum Monthly Recurring Charge (MRC)
10 Mb	\$1,200.00
100 Mb	\$5,000.00

Vendor Aggregation Trunks to CTS locations (Node sites)

CTS location (node site)	100 Mb Aggregation trunk -maximum Monthly Recurring Charge (MRC)	1 G Aggregation trunk -maximum Monthly Recurring Charge (MRC)	10 G Aggregation trunk -maximum Monthly Recurring Charge (MRC)
Olympia Node	\$1,440.00	\$2,400.00	\$10,000.00
Seattle Node	\$1,483.00	\$1,812.00	\$10,000.00
Spokane Node	\$1,440.00	\$2,400.00	\$10,000.00
Vancouver Node	\$1,400.00	\$2,400.00	\$10,000.00
Yakima Node	No Charge	No Charge	\$10,000.00

All other provisions of Contract Number T12-PCH-741 shall remain in full force and effect.

This amendment 14-01 shall be effective on the date of last signature below.

In witness thereof, the parties have signed below.

Approved
State of Washington
Consolidated Technology Services

Molly A. O'Donnell
Signature

Molly A. O'Donnell
Print or Type Name

Assistant Director 7/18/13
Title Date

Approved
Noel Communications, Inc

[Signature]
Signature

Josh Wessellus
Print or Type Name

Regional Sales Manager 7-5-13
Title Date

Amendment Number 14-02
to
Contract Number T12-PCH-741
for Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCII-741 ("Contract"), this Amendment Number 14-02 is entered into by and between the State of Washington, Consolidated Technology Services (CTS) and Noel Communications, Inc. ("Contractor").

The purpose of this Amendment is to delete Schedule A in its entirety and replace with the following:

Schedule A

Authorized product and pricelist

Circuit Speed	Maximum Monthly Recurring Charge (MRC)
5 Mb	1000
10 Mb	\$1,200.00
20 Mb	2000
30 Mb	3000
40 Mb	3500
50 Mb	4000
60 Mb	4500
70 Mb	4500
80 Mb	4500
90 Mb	4500
100 Mb	\$5,000.00
200 Mb	6000
250 Mb	6000
300 Mb	7000
400 Mb	7000
500 Mb	7000
600 Mb	8000
700 Mb	8000
800 Mb	9000
900 Mb	9000
1G	10000
2G	15000
3G	15000
4G	15000

5G	15000
6G	20000
7G	20000
8G	20000
9G	20000
10G	20000

Vendor Aggregation Trunks to CTS locations (Node sites)

CTS location (Node site)	100 Mb Aggregation trunk - Maximum Monthly Recurring Charge (MRC)	500 Mb Tier (1G interface) Aggregation trunk - Maximum Monthly Recurring Charge (MRC)	1G Aggregation trunk - Maximum Monthly Recurring Charge (MRC)	5G Tier (10G interface) Aggregation trunk - Maximum Monthly Recurring Charge (MRC)	10G Aggregation trunk - Maximum Monthly Recurring Charge (MRC)
Olympia	\$1,440.00	\$2,400.00	\$2,400.00	10,000.00	\$10,000.00
Pullman					
Seattle	\$1,483.00	\$2,400.00	\$1,812.00	10,000.00	\$10,000.00
Spokane	\$1,440.00	\$2,400.00	\$2,400.00	10,000.00	\$10,000.00
Yakima	No Charge	\$2,400.00	No Charge	10,000.00	\$10,000.00
Vancouver	\$1,400.00	\$2,400.00	\$2,400.00	10,000.00	\$10,000.00

All other provisions of Contract Number T12-PCH-741 shall remain in full force and effect.

This amendment 14-02 shall be effective on the date of last signature below.

In witness thereof, the parties have signed below.

Approved
State of Washington
Consolidated Technology Services



Signature

Molly O'Donnell

Print or Type Name
Assistant Director 10/28/13

Title Date

Approved
Noel Communications, Inc.



Signature

Josh Wesselinis

Print or Type Name
Regional Sales Manager 10-18-13

Title Date

Supplemental Work Order 14-05
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 14-05 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a four (4) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before October 1, 2013, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.


11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 14-05 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services


Signature

~~Anthony O'Donnell~~
Print or Type Name

Asst. Director 12/5/13
Title Date

Approved

Noel Communications Inc.


Signature

Brittany Swarers
Print or Type Name

Ethernet Supervisor 11-27-13
Title Date

Attachment 1
SWO 14-05
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	CTS Node	Mb	Monthly Term	Monthly Recurring Costs (\$)	Non-Recurring Charges (NRC) Install Charge (\$)
CTS	900 College Way	Mt. Vernon	Seattle	10	48	\$282.00	\$0

Supplemental Work Order 3
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 3 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a three (3) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before May 1, 2013, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

Attachment 1
SWO 3
T14-RFQ-019
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	CTS Node	Mb	MRC	MRC Taxes	NRC Cost	NRC Taxes
DOLD0402	325 N Chelan Ave	Wenatchee	Olympia	10	\$332.00	\$27.00	\$0	\$0
DOLD0403	143 E Johnson Ave	Chelan	Olympia	10	\$332.00	\$27.00	\$0	\$0
DOLD1302	1070 Basin St SW	Ephrata	Olympia	10	\$325.00	\$27.00	\$0	\$0
DOLD1303	1007 W Broadway Ave	Moses Lake	Olympia	10	\$325.00	\$27.00	\$0	\$0
DOLD2003	156 E Church St	White Salmon	Olympia	10	\$925.00	\$76.00	\$2600.00	\$214.00
DOLS2402	646 Okoma Dr	Omak	Olympia	10	\$390.00	\$32.00	\$0	\$0
DOLD2403	821 Appleway	Oroville	Olympia	10	\$390.00	\$32.00	\$0	\$0
DOLD3201	12801 E Sprague Ave E	Spokane	Olympia	10	\$541.00	\$45.00	\$0	\$0
DOLD3803	980 S Grand Ave	Pullman	Olympia	10	\$437.00	\$36.00	\$4550.00	\$373.00
DOLD5902	300 Lincoln Ave	Coulee Dam	Olympia	10	\$325.00	\$27.00	\$0	\$0
DOLC5602	1301 NE 136 th Ave	Vancouver	Olympia	10	\$729.00	\$146.00	\$0	\$0
DOLC7901	1920 S 3 rd St	Mount Vernon	Olympia	10	\$259.00	\$22.00	\$0	\$0
DOLS8201	6519 N Lidgerwood St N	Spokane	Olympia	10	\$729.00	\$146.00	\$0	\$0

Amendment Number 23
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 *Authority for Modifications and Amendments* of Contract T12-PCH-741, this Amendment number 23 is entered into by and between the State of Washington, Consolidated Technology Services (CTS) and Noel Communications, Inc. (Contractor).

The purpose of this Amendment is to extend the term of the Contract.

The parties hereby agree to amend the Contract as follows:

1. Contractor and CTS hereby agree to extend the term of the Contract from June 30, 2015 through June 30, 2016.

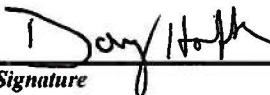
All other provisions of Contract T12-PCH-741, as previously amended, shall remain in full force and effect.

This Amendment 23 shall be effective as of the date signed by CTS.

Approved

State of Washington,
Consolidated Technology Services

MR
22



Signature

Doug Hoffer

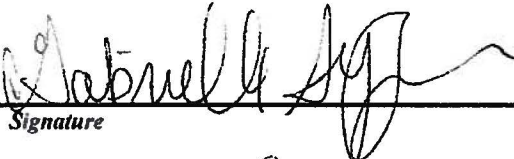
Print or Type Name

Assistant Director 3/20/15

Title Date

Approved

Noel Communications, Inc.



Signature

Gabrielle Springer

Print or Type Name

Service Delivery Manager 3/11/15

Title Date

Amendment 6
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 the ("Contract"), this Amendment 6 is entered into by and between the State of Washington, Consolidated Technology Services ("CTS") and Noel Communications, Inc. ("Vendor").

The purpose of this Amendment is to delete the following line item from the Secondary Ethernet Site List included in Attachment 1 to SWO 3:

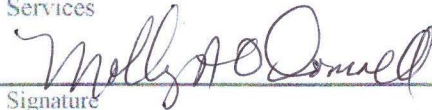
Customer Site	Address	Location	CTS Node	Mb	MRC	MRC Taxes	NRC Cost	NRC Taxes
DOLD3803	980 S Grand Ave	Pullman	Olympia	10	\$437.00	\$36.00	\$4550.00	\$373.00

All other provisions of Contract T12-PCH-741 shall remain in full force and effect.

This amendment 6 shall be effective on the date of last signature below.

In witness thereof, the parties have signed below.

Approved
State of Washington, Consolidated Technology Services


Signature

Molly O'Donnell
Print or Type Name

Assistant Director
Title

1/31/14
Date

Approved
Noel Communications, Inc.


Signature

Josh Wesselius
Print or Type Name

Regional sales
Title
manager

1-27-14
Date

Supplemental Work Order 7
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 7 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANs.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a five (5) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 7 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

Molly A O'Donnell
Signature

Molly A. O'Donnell
Print or Type Name

Asst Director 2/20/14
Title Date

Approved

Noel Communications Inc.

Diane Bennett
Signature

Diane Bennett
Print or Type Name

Director of Sales 2-18-14
Title Date

Attachment 1
 SWO 7
 T14-RFQ-022
 Secondary Ethernet Site List
 Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk
DSHS1039	N 400 Main St	Colfax	Olympia	10	\$345.00	\$29.00	\$2,500.00	\$205.00	\$45.00
DSHS1057	350 Orondo Ave	Wenatchee	Olympia	10	\$332.00	\$27.00	\$0	\$0	\$45.00
DSHS1070	425 E Main St Ste500	Othello	Olympia	10	\$300.00	\$24.60	\$0	\$0	\$45.00
DSHS2038	205 W 5 th Ave Room 213	Ellensburg	Olympia	10	\$366.00	\$30.00	\$0	\$0	\$45.00
DSHS6050	240 NW Vancouver Courthouse 2 nd Floor LAN Room	Stevenson	Olympia	10	\$675.00	\$56.00	\$2,889.00	\$237.00	\$45.00
DSHS6061	11700 Rhody Dr	Port Hadlock	Olympia	10	\$675.00	\$56.00	\$0	\$0	\$45.00

Supplemental Work Order 8
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 8 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multi-router Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 8 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

Molly A O'Donnell
Signature
Molly A. O'Donnell
Print or Type Name
Asst. Director 2/20/14
Title Date

Approved

Noel Communications Inc.

Diane Bennett
Signature
Diane Bennett
Print or Type Name
Director of Sales 2-18-14
Title Date

Attachment 1
SWO 8
T14-RFQ-022
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk
DSHS2020	428 1st Ave NW	Ephrata	Olympia	10	\$325.00	\$27.00	\$0	\$0	\$45.00

Supplemental Work Order 9
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 9 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a five (5) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 9 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services



Signature

Molly O'Donnell

Print or Type Name

Assistant Director

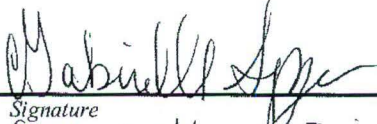
Title

2/20/14

Date

Approved

Noel Communications Inc.



Signature

Gabrielle Springer

Print or Type Name

Networking Supervisor

Title

Date

Attachment 1
SWO 9
T14-RFQ-022
Secondary Ethernet Site List
Noel Communications Inc.

Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk
DSHS 3026	Law & Justice Bldg 101 NE 6 th Ste 200	Coupeville	Olympia	10	\$675.00	\$56.00	\$7,042.00	\$577.00	\$45.00

Supplemental Work Order 10
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 10 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a three (3) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 10 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

Molly O'Donnell

Signature

Molly O'Donnell

Print or Type Name

Assistant Director *2/20/14*

Title

Date

Approved

Noel Communications Inc.

Gabrielle Springer

Signature

Gabrielle Springer

Print or Type Name

Networking Supervisor

Title

Date

Attachment 1
SWO 10
T14-RFQ-023
Secondary Ethernet Site List
Noel Communications Inc.

Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk
DSB VAN	2214 E 13 th St	Vancouver	Olympia	10	\$575.00	\$47.00	\$0	\$0	\$45.00

Amendment 12
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 the ("Contract"), this Amendment 12 is entered into by and between the State of Washington, Consolidated Technology Services ("CTS") and Noel Communications, Inc. ("Vendor").

The purpose of this Amendment is to remove the following site location in SWO 3. Therefore, the parties agree to amend the Supplemental Work Order 3 to reflect the removal of the following:

Customer Site	Address	Location	CTS Node	Mb
DOLS3201	12801 E Sprague Ave	Spokane	Olympia	10


All other provisions of Contract T12-PCH-741 shall remain in full force and effect.

This amendment 12 shall be effective on the date of last signature below.

In witness thereof, the parties have signed below.

Approved

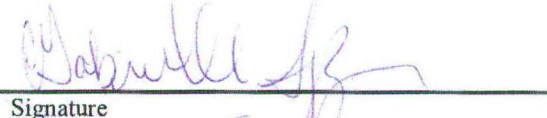
State of Washington, Consolidated Technology Services


 Signature

Molly O'Donnell
 Print or Type Name
 ASSISTANT DIRECTOR 4/14/14
 Title Date

Approved

Noel Communications, Inc.


 Signature

Gabinelle Springer
 Print or Type Name
 Network Supervisor 4/10/14
 Title Date

Supplemental Work Order 11
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 11 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a three (3) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 11 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

Molly O'Donnell
Signature
Molly O'Donnell
Print or Type Name
Assistant Director 4/18/14
Title Date

Approved

Noel Communications Inc.

Brittany Swarers
Signature
Brittany Swarers
Print or Type Name
Ethernet Supervisor 3/28/14
Title Date

Attachment 1
 SWO 11
 T14-RFQ-070
 Secondary Ethernet Site List
 Noel Communications Inc.

Site A	Address	Terminating Node Site B	Address	Mb	MRC	MRC Taxes	NRC	NRC Taxes
DSHS 2009	1120 N Edison, Kennewick	DSHS 1010	1313 Atlantic, Spokane	10	\$577.00	\$47.30	\$1,330.00	\$109.00

Supplemental Work Order 13
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 13 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a four (4) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

Attachment 1
SWO 13
T14-RFQ-083
Secondary Ethernet Site List
Noel Communications Inc.

Site	Address	Location	CTS Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk
DNR Ellensburg	713 E Bowers Rd	Ellensburg	Olympia	100	\$933.00	\$77.00	\$2,213.00	\$182.00	\$0

Amendment 15
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 the ("Contract"), this Amendment 12 is entered into by and between the State of Washington, Consolidated Technology Services ("**CTS**") and Noel Communications, Inc. ("**Vendor**").

The purpose of this Amendment is to terminate Supplemental Work Order (SWO) 13 in its entirety. Now, therefore, the parties agree to terminate Supplemental Work Order 13 to the Contract.

All other provisions of Contract T12-PCH-741 shall remain in full force and effect.

This amendment 12 shall be effective on the date of last signature below.

In witness thereof, the parties have signed below.

Approved

State of Washington, Consolidated Technology Services

Signature

Molly O'Donnell

Print or Type Name

Assistant Director

Title

5/19/14

Date

Approved

Noel Communications, Inc.

Signature

Brittany Swarers

Brittany Swarers

Print or Type Name

Ethernet Supervisor

Title

5/7/14

Date

Supplemental Work Order 14
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 14 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

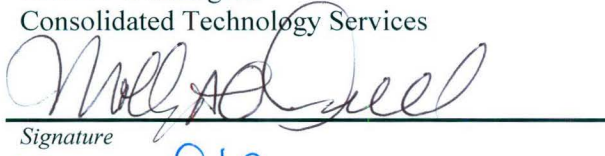
11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 14 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services



Signature

Molly O'Donnell

Print or Type Name

Assistant Director

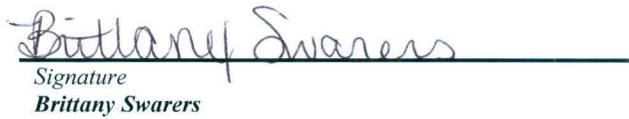
Title

5/21/14

Date

Approved

Noel Communications Inc.



Signature
Brittany Swarers

Print or Type Name
Ethernet Supervisor

Title

4/29/14

Date

Attachment 1
 SWO 14
 T14-RFQ-078
 Secondary Ethernet Site List
 Noel Communications Inc.

Site	Address	Location	CTS Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk
DOLC 0230	914 6 th St	Clarkston	Olympia	10	\$995.00	\$81.59	\$1,400.00	\$114.80	\$0
DOLC 0906	105 Eastmont	East Wenatchee	Olympia	10	\$475.00	\$38.95	\$910.00	74.62	\$0
DOLC 2001	205 S Columbus Ave Rm 203	Goldendale	Olympia	10	\$1,075.00	\$88.00	\$1,700.00	\$140.00	\$0
DOLC 2401	149 N 3 rd Ave	Okanogan	Olympia	10	\$683.00	\$56.10	\$1,150.00	\$94.30	\$0
DOLC 2403	1122 Main	Oroville	Olympia	10	\$683.00	\$56.10	\$1,150.00	\$94.30	\$0
DOLC 2416	141 N Glover	Twisp	Olympia	10	\$683.00	\$56.10	\$1,150.00	\$94.30	\$0
DOLC 2901	700 S 2 nd St Admin Bld 201	Mount Vernon	Olympia	10	\$260.00	\$22.00	\$1,900.00	\$241.00	\$0
DOLC 3001	240 W Vancouver Ave	Stevenson	Olympia	10	\$1,075.00	\$88.00	\$1,700.00	\$140.00	\$0
DOLC 3801	404 N Main	Colfax	Olympia	10	\$331.00	\$43.00	\$2,400.00	\$197.00	\$0
DOLC 3809	518 S Whitman Ave	Rosalia	Olympia	10	\$1,089.00	\$220.00	\$3,900.00	\$320.00	\$0

Supplemental Work Order 16
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 16 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a four (4) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.


11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 16 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services


Signature

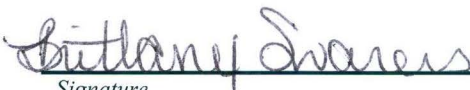
MOLLY O'DONNELL
Print or Type Name

ASSISTANT DIRECTOR
Title

7/8/14
Date

Approved

Noel Communications Inc.


Signature

Brittany Swares
Print or Type Name

Network Supervisor
Title

6-26-14
Date

Attachment 1
 SWO 16
 T14-RFQ-083
 Secondary Ethernet Site List
 Noel Communications Inc.

Site	Address	Location	CTS Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk
DOC OKN1	238 W Oak St	Okanogan	Olympia	100	\$1,112.00	\$92.00	\$1,150.00	\$95.00	\$0
DOCE PH1	229 1 st Ave NW	Ephrata	Olympia	100	\$1,324.00	\$109.00	\$1,000.00	\$82.00	\$0

Supplemental Work Order 17
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 17 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a five (5) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

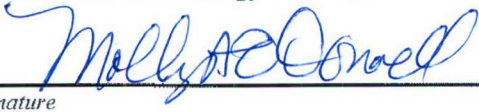
11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 17 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ml 

Signature

MOLLY O'DONNELL

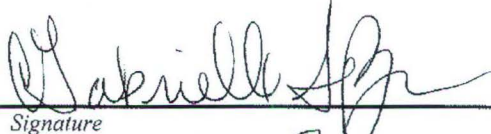
Print or Type Name

ASSISTANT DIRECTOR 8/28/14

Title Date

Approved

Noel Communications Inc.



Signature

Gabrielle Springer

Print or Type Name

Network Supervisor 8/19/14

Title Date

Attachment 1
SWO 17
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Gb	Monthly Recurring Costs (\$)	MRC Taxes (\$)
State Data Center	532 16 th Ave	Olympia	Olympia	10	\$0	\$0

Supplemental Work Order 18
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 18 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a four (4) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 18 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

mj- Molly A O'Donnell
Signature

MOLLY O'DONNELL
Print or Type Name

ASSISTANT DIRECTOR 8/20/14
Title Date

Approved

Noel Communications Inc.

Gabrielle Springer
Signature

Gabrielle Springer
Print or Type Name

Network Supervisor 8/19/14
Title Date

Attachment 1
SWO 18
T14-RFQ-120
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk SWO
DOCELL1	1109 S Industrial Way	Ellensburg	Olympia	100	\$930.00	\$77.00	\$5,900.00	\$284.00	17

Supplemental Work Order 19
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 19 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

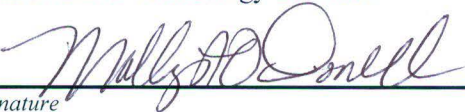
11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 19 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ms 

Signature

Molly O'Donnell

Print or Type Name
Assistant Director

Date
9/24/14

Title

Approved

Noel Communications Inc.



Signature

Brittany Swarers

Print or Type Name

Date
Queen of Ethernet 9/11/14

Title

Date

Attachment 1
 SWO 19
 T14-RFQ-110
 Secondary Ethernet Site List
 Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk SWO
DOLC 1107	133 N Columbia Ave	Connell	Olympia	10	\$345.00	\$29.00	\$3,150.00	\$259.00	17
DOLD 2002	203 E Main	Goldendale	Olympia	10	\$1,025.00	\$85.00	\$2,900.00	\$238.00	17

Supplemental Work Order 20
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 20 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a five (5) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

Attachment 1
SWO 20
T15-RFQ-004
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk SWO
DSHS 1023	805 S Mission St	Wenatchee	Olympia	100	\$817.00	\$68.00	\$2,845.00	\$234.00	17

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 20 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

Molly O'Donnell

Signature
Molly O'Donnell

Print or Type Name
Assistant Director

10/20/14

Title Date

Approved

Noel Communications Inc.

Brittany Swartz

Signature

Brittany Swartz

Print or Type Name

Queen of Ethernet

Title

10/1/14
Date

10/1/14

Supplemental Work Order 21
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 21 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before February 27, 2015. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 21 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

Molly O'Donnell

Signature

Molly O'Donnell

Print or Type Name
Assistant Director

1-13-15

Title

Date

Approved

Noel Communications Inc.

Diane Bennett

Signature

Diane Bennett

Print or Type Name

Director of Sales 1-12-15

Title

Date

Attachment 1
SWO 21
T15-RFQ-033
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk SWO
CNTY 2101	360 NW North St	Chehalis	Olympia	10	\$690.00	\$56.58	\$1,500.00	\$123.00	17

Supplemental Work Order 22
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 22 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a four (4) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

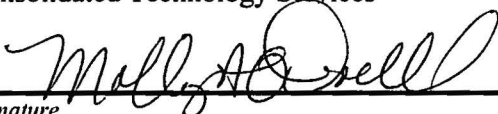
11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 22 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

MP. 

Signature
Molly O'Donnell

Print or Type Name
Assistant Director

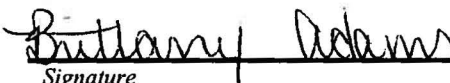
Title

1-16-15

Date

Approved

Noel Communications Inc.



Signature
Brittany Adams

Print or Type Name
Ethernet Supervisor

Title

1/6/15

Date

Attachment 1
SWO 22
T15-RFQ-027
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	Trunk SWO
DFWREG3	1701 S 24 th Ave	Yakima	Olympia	100	17

Customer agency has requested that NRC be allowed payment over term of the SWO and Vendor has agreed to accept monthly payments. In the event that SWO is terminated, whether through upgrade or cancellation, CTS agrees to pay remaining balance of NRC in a lump sum payment (see Section 7-Termination Liability).

Charges are as follows:

<u>Charge</u>	<u>Amount (\$)</u>	<u>Term (Months)</u>
MRC	\$500.00	48
MRC Taxes	\$62.60	48
NRC (\$12,643.33/48 mo)	\$263.40	48
TOTAL:	\$763.40	48

**Supplemental Work Order 24
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services**

This Supplemental Work Order 24 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multi-router Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 24 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

AD Doug Hoffer
Signature
DOUG HOFFER
Print or Type Name
Assistant Director
AD
Title
2/10/15
Date

Approved

Noel Communications Inc.

Brittany Adams
Signature
Brittany Adams
Print or Type Name
Network Engineer 2/3/15
Title
Date

Attachment 1
SWO 24
T15-RFQ-030
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	DMARC	Trunk SWO
DOLC 2921	1520 E College Way	Mount Vernon	Olympia	10	\$34.00	\$2.79	\$5,850.00	17

Supplemental Work Order 26
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 26 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a five (5) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

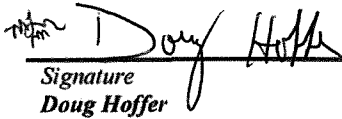
11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 26 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services



Signature
Doug Hoffer

Print or Type Name
Assistant Director

Title

6/5/15

Date

Approved

Noel Communications Inc.



Signature

Print or Type Name

Service Delivery manager

Title

Date

5/28/15

Attachment 1
SWO 26
T15-RFQ-061
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
WSDA 2901	117 N 1 st St Suite 39	Mount Vernon	Olympia	10	\$258.75	\$21.22	17

Supplemental Work Order 27
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 27 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

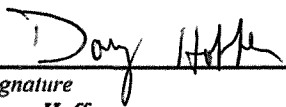
Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 27 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML
MR



Signature
Doug Hoffer

Print or Type Name
Assistant Director

Title

6/19/15

Date

Approved

Noel Communications Inc.



Signature

Josh Wesselius

Print or Type Name

Sales

Title

6-15-15

Date

Attachment 1
SWO 27
T15-RFQ-070
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
NWWFD 2901	2005 E College Way	Mount Vernon	Olympia	10	\$275.00	\$22.55	17

Amendment 29
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 the ("Contract"), this Amendment 29 is entered into by and between the State of Washington, Consolidated Technology Services ("CTS") and Noel Communications, Inc. ("Vendor").

The purpose of this Amendment is to correct Attachment 1 of SWO 27. Therefore, the parties agree to amend the Supplemental Work Order 27 to reflect the following:

Customer Site	Address	Location	CTS Node	Mb	MRC	MRC Taxes	Trunk SWO
ESD2901	2005 E College Way	Mount Vernon	Olympia	10	\$275.00	\$22.55	17

All other provisions of Contract T12-PCH-741 shall remain in full force and effect.

This amendment 29 shall be effective on the date of last signature below.

In witness thereof, the parties have signed below.

Approved
 State of Washington, Consolidated Technology Services

ML
M2 *Doug Hoffer*
 Signature

Doug Hoffer
 Print or Type Name

Assistant Director 9/18/2015
 Title Date

Approved
 Noel Communications, Inc.

Gabrielle Springer
 Signature

Gabrielle Springer
 Print or Type Name

Service Delivery Manager 09/10/15
 Title Date

Supplemental Work Order 28
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 28 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 28 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML Doug Hoffer
Signature
Doug Hoffer

Print or Type Name
Assistant Director

Title
9/25/15
Date

Approved

Noel Communications Inc.

Gabrielle Springer
Signature
Gabrielle Springer

Print or Type Name
Service Delivery manager 9/23/15

Title
Date

Attachment 1
SWO 28
T15-RFQ-073
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
DSHS 1041	237 4 th Ave N, 1 st FL	Okanogan	Olympia	10	\$468.00	\$38.38	17
DSHS 1046	260 N Georgia Ave	West Wenatchee	Olympia	10	\$368.00	\$30.18	17

Supplemental Work Order 31
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 31 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"**Secondary Transport Ethernet Contract**" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"**Minimum Service Commitment**" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"**Node Router**" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"**Service Installation Date**" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a four (4) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

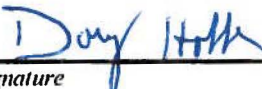
11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 31 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services



Signature
Doug Hoffer

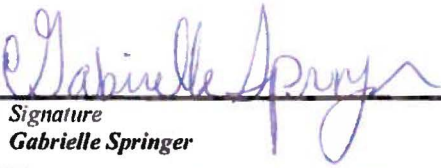
Print or Type Name
Assistant Director

Title

Date
10/8/15

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name
Service Delivery Manager

Title

Date
10/5/15

Attachment 1
SWO 31
T16-RFQ-006
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
DSHS 2001	1002 N 16 th Ave	Yakima	Olympia	100	\$800.00	\$65.60	17

Supplemental Work Order 30
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 30 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

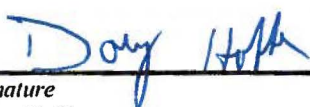
11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 30 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services



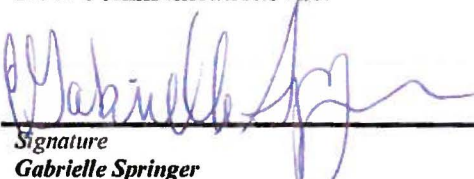
Signature
Doug Hoffer

Print or Type Name
Assistant Director

Title *Date*
10/8/15

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name
Service Delivery Manager

Title *Date*
10/5/15

Attachment 1
SWO 30
T16-RFQ-006
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk SWO
WSDA 1101	1120 North Oregon Ave	Pasco	Olympia	10	\$345.00	\$28.29	\$500.00	\$41.00	17

Supplemental Work Order 34
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 34 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 34 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

mt
mt


Signature
Doug Hoffer

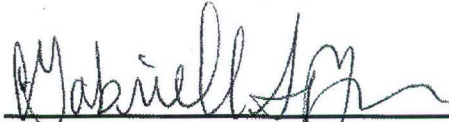
Print or Type Name
Assistant Director

Title

10/13/15
Date

Approved

Noel Communications Inc.



Signature

Gabrielle Springer

Print or Type Name

Service Delivery Manager 10/13/15
Title Date

Attachment 1
SWO 34
T16-RFQ-006
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk SWO
WSDA 3801	115 North Main St	Colfax	Olympia	10	\$345.00	\$28.29	\$1,000.00	\$82.00	17

Supplemental Work Order 33
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 33 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a four (4) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.


11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 33 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

*ML
m2*


Signature
Doug Hoffer

Print or Type Name
Assistant Director

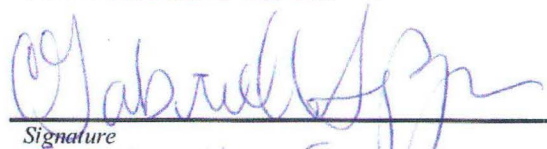
Title

10/13/15

Date

Approved

Noel Communications Inc.



Signature

Gabrielle Springer

Print or Type Name

Service Delivery Manager

Title

10/12/15

Date

Attachment 1
SWO 33
T16-RFQ-006
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site A	Address	Location	Customer Site B	Location	Gb	MRC	MRC Taxes
SDC-Quincy	2200 M St NE	Quincy	532 16 th Ave	Olympia	10	\$2,636.00	\$216.15

Supplemental Work Order 32
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 32 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 32 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

*mt
n2*


Signature
Doug Hoffer

Print or Type Name
Assistant Director

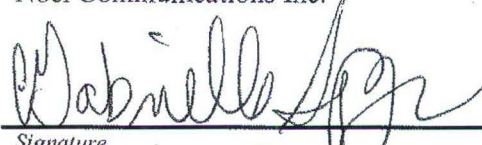
Title

10/13/15

Date

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name

Service Delivery Manager *10/13/15*

Title Date

Attachment 1
SWO 32
T16-RFQ-013
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
CNTY39DC	1216 S 18 th St	Yakima	Olympia	100	\$475.00	\$38.95	17

Supplemental Work Order 35
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 35 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a three (3) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 35 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

^{ML}
¹² Doug Hoff
Signature
Doug Hoffer

Print or Type Name
Assistant Director

Title

12/3/15
Date

Approved

Noel Communications Inc.

Gabrielle Springer
Signature

Print or Type Name

Service Delivery
manged
Title

12/2/15
Date

Attachment 1
SWO 35
T16-RFQ-019
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
CNTY 3301	252 E Birch Ave	Colville	Olympia	100	\$1,445.00	\$118.49	17

Supplemental Work Order 36
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 36 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 36 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML
ML Doug Hoffer
Signature
Doug Hoffer

Print or Type Name
Assistant Director

Title Date 12/10/15

Approved

Noel Communications Inc.

Gabrielle Springer
Signature
Gabrielle Springer

Print or Type Name
Service Delivery Manager 12/9/15

Title Date

Attachment 1
SWO 36
T16-RFQ-020
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk SWO
ESD2002	116 E Main St	Goldendale	Olympia	10	\$625.00	\$51.25	\$2,400.00	\$196.80	17

Supplemental Work Order 37
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 37 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a one (1) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 37 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML
m
Signature
Doug Hoffer

Print or Type Name
Assistant Director

Title

1/4/16

Date

Approved

Noel Communications Inc.

Signature
Gabrielle Springer

Print or Type Name
Service Delivery Manager

Title

12/29/15

Date

Attachment 1
SWO 37
T16-RFQ-026
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	M b	MRC	MRC Taxes	NRC	NRC Taxes	Trunk SWO
ESD 3801	350 Fairmont Rd	Pullman	Olympia	10	\$653.00	\$53.55	\$40,900.00	\$3,353.80	17

Supplemental Work Order 38
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 38 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.


11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 38 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML
mr 

Signature
Doug Hoffer

Print or Type Name
Assistant Director

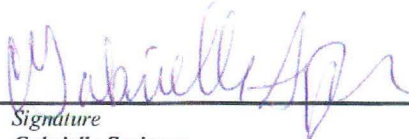
Title

1/9/16

Date

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name
Service Delivery Manager

Title

12/29/15

Date

Attachment 1
SWO 38
T16-RFQ-026
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes	Trunk SWO
DOLC 3806	Pufferbelly Depot, 330 N Grand Ave, Ste B	Pullman	Olympia	10	\$357.00	\$29.27	\$3,400.00	\$278.80	17

**Amendment Number 39
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services**

In accordance with Provision 41 *Authority for Modifications and Amendments* of Contract T12-PCH-741, this Amendment number 39 is entered into by and between the State of Washington, Consolidated Technology Services (CTS) and Noel Communications, Inc. (Contractor).

The purpose of this Amendment is to extend the term of the Contract.

The parties hereby agree to amend the Contract as follows:

1. Contractor and CTS hereby agree to extend the term of the Contract from June 30, 2016 through June 30, 2017.

All other provisions of Contract T12-PCH-741, as previously amended, shall remain in full force and effect.

This Amendment 39 shall be effective as of the date signed by CTS.

Approved

State of Washington,
Consolidated Technology Services

^{ML}
_m Day Holt
Signature

Doug Hoffer
Print or Type Name

Assistant Director 2/3/16
Title Date

Approved

Noel Communications, Inc.

Gabrielle Springer
Signature

Gabrielle Springer
Print or Type Name

Service Delivery 4/29/16
Title Date
manager

Supplemental Work Order 40
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 40 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a three (3) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 100% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 40% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.


11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 40 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ml 

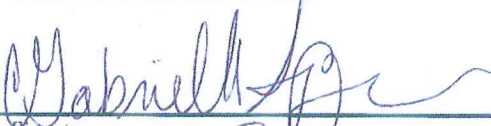
Signature
Mark Quimby

Print or Type Name
Acting Assistant Director 3-30-16

Title Date

Approved

Noel Communications Inc



Signature
Gabrielle Springer

Print or Type Name
Service Delivery manager 3/24/16

Title Date

Attachment 1
SWO 40
T16-RFQ-144
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
CNTY3801	301 N Mill St	Colfax	Olympia	100	\$628.00	\$51.50	17
CNTY0201	135 2 nd St	Asotin	Olympia	100	\$966.67	\$79.26	17
CNTY1901	205 W 5 th Ave Ste 13	Ellensburg	Olympia	100	\$500.00	\$41.90	17

Amendment Number 41
to
Contract Number T12-PCH-741
for Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 ("Contract"), this Amendment Number 41 is entered into by and between the State of Washington, Consolidated Technology Services (CTS) and Noel Communications, Inc. ("Contractor").

The purpose of this Amendment is to delete Schedule A in its entirety and replace with the following:

Schedule A

Authorized product and pricelist

Circuit Speed	Maximum Monthly Recurring Charge (MRC)
5 Mb	1000
10 Mb	\$1,200.00
20 Mb	2000
30 Mb	3000
40 Mb	3500
50 Mb	4000
60 Mb	4500
70 Mb	4500
80 Mb	4500
90 Mb	4500
100 Mb	\$5,000.00
200 Mb	6000
250 Mb	6000
300 Mb	7000
400 Mb	7000
500 Mb	7000
600 Mb	8000
700 Mb	8000
800 Mb	9000
900 Mb	9000
1G	10000
2G	15000
3G	15000
4G	15000

5G	15000
6G	20000
7G	20000
8G	20000
9G	20000
10G	20000

Vendor Aggregation Trunks to CTS locations (Node sites)

CTS location (Node site)	1G Aggregation trunk - Maximum Monthly Recurring Charge (MRC)	10G Aggregation trunk - Maximum Monthly Recurring Charge (MRC)
Olympia	\$0.00	\$0.00
Seattle	\$0.00	\$0.00

All other provisions of Contract Number T12-PCH-741 shall remain in full force and effect.

This Amendment 41 shall be effective on the date of last signature below.

In witness thereof, the parties have signed below.

Approved
State of Washington
Consolidated Technology Services

ML



Signature

MARK Quimby
Print or Type Name
Acting Assistant Director
Title
4-12-16
Date

Approved
Noel Communications, Inc.



Signature

NICOLE Guen
Print or Type Name
EXECUTIVE DIRECTOR
Title
4/8/16
Date

Amendment Number 42
to
Contract Number T12-PCH-741
for Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 ("Contract"), this Amendment Number 42 is entered into by and between the State of Washington, Consolidated Technology Services (CTS) and Noel Communications, Inc. ("Contractor").

The purpose of this Amendment is to delete Schedule A in its entirety and replace with the following:

Schedule A

Authorized product and pricelist

Circuit Speed	Maximum Monthly Recurring Charge (MRC)
5 Mb	1000
10 Mb	\$1,200.00
20 Mb	2000
30 Mb	3000
40 Mb	3500
50 Mb	4000
60 Mb	4500
70 Mb	4500
80 Mb	4500
90 Mb	4500
100 Mb	\$5,000.00
200 Mb	6000
250 Mb	6000
300 Mb	7000
400 Mb	7000
500 Mb	7000
600 Mb	8000
700 Mb	8000
800 Mb	9000
900 Mb	9000
1G	10000
2G	15000
3G	15000
4G	15000

Amendment 46
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 the ("Contract"), this Amendment 46 is entered into by and between the State of Washington Consolidated Technology Services ("CTS") and Noel Communications, Inc. ("Vendor").

The purpose of this Amendment is to terminate the following Ethernet circuit for DSHS 2015 from SWO 13-03. Now, therefore, the parties agree to amend the Supplemental Work Order 13-03 to remove the following:

Customer Site	Address	Location	CTS Node	Mb	Monthly Term	MRC	NRC
DSHS 2015	416 E Main	Walla Wall	Olympia	10	60	\$650.00	\$0

All other provisions of Contract T12-PCH-741, as previously amended, and SWO 13-03, as previously amended, shall remain in full force and effect.

This amendment 46 shall be effective as of the date signed by CTS.

Approved
 State of Washington, Consolidated Technology Services



Signature

Mark Quimby

Print or Type Name
 TSD Assistant Director

6-14-16

Title

Date

Approved
 Noel Communications, Inc.



Signature

Gabrielle Springer

Print or Type Name
 Service Delivery Manager

6/14/16

Title

Date

Supplemental Work Order 45
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 45 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services (“CTS” or “Purchaser”), and Noel Communications Inc. (“Contractor”), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

“**Secondary Transport Ethernet Contract**” shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

“**Minimum Service Commitment**” shall mean the minimum period in which Purchasers agree to keep circuits in service.

“**Node Router**” shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

“**Service Installation Date**” shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the “Effective Date”) and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 45 to Contract Number T12-PCI-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML 

Signature
Mark Quimby

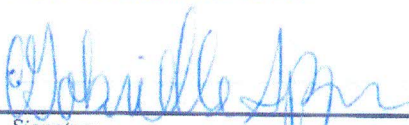
Print or Type Name
TSD Assistant Director

6-14-16

Title Date

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name

Service Delivery Manager 6/8/16

Title Date

Attachment 1
SWO 45
T16-RFQ-179
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
DOLC 0906	East Wenatchee Vehicle/Vessel Sub., 105 Eastmont Ave	East Wenatchee	Olympia	10	\$293.00	\$24.03	17

Amendment 43
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCII-741 the ("Contract"). this Amendment 43 is entered into by and between the State of Washington, Consolidated Technology Services ("CTS") and Noel Communications, Inc. ("Vendor").

The purpose of this Amendment is to terminate Supplemental Work Order (SWO) 21 in its entirety. Now, therefore, the parties agree to terminate Supplemental Work Order 21 to the Contract.


All other provisions of Contract T12-PCII-741 shall remain in full force and effect.

This amendment 43 shall be effective on the date of last signature below.

In witness thereof, the parties have signed below.

Approved
State of Washington, Consolidated Technology
Services

ML


Signature

Chris CIALIS

Print or Type Name

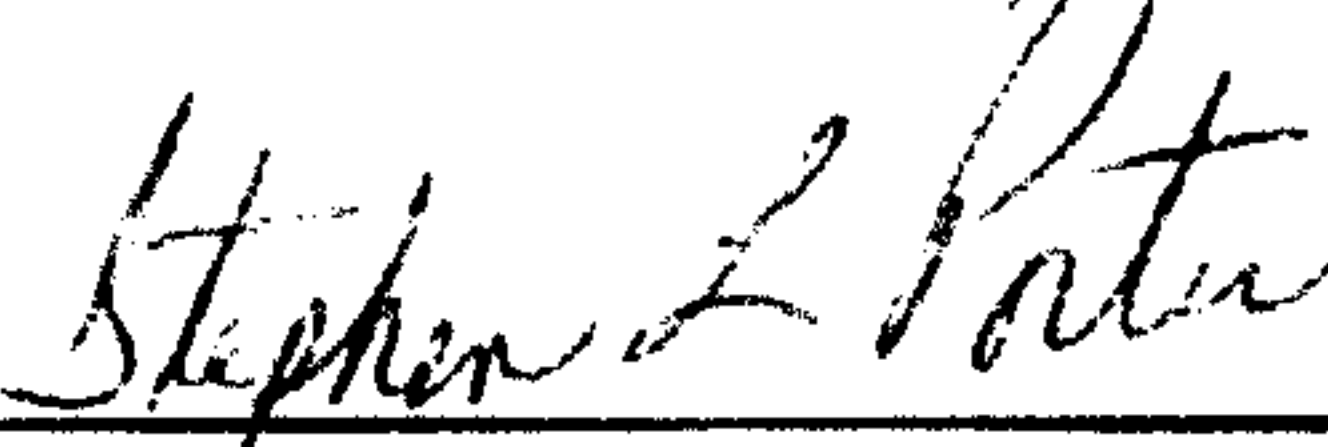
NetOps Manager

Title

7-8-2016

Date

Approved
Noel Communications, Inc.


Signature

STEPHEN L PORTER

Print or Type Name

MANAGER NOC

Title

7/5/2016

Date

**Supplemental Work Order 44
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services**

This Supplemental Work Order 44 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 44 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML



Signature

Chris Craig

Print or Type Name

NctOS Manager

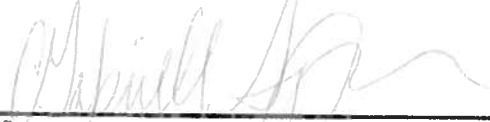
Title

7/11/2016

Date

Approved

Noel Communications Inc.



Signature

Gabrielle Springer

Print or Type Name

Service Delivery Manager

Title

7/8/16

Date

Attachment 1
SWO 44
T16-RFQ-174
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
DSHS 2007	3700 Fruitvale Blvd Suite 200	Yakima	Olympia	100	\$625.00	\$51.25	17

Supplemental Work Order 48
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 48 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multi-router Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 48 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML



Signature
Mark Quimby

Print or Type Name
TSD Assistant Director

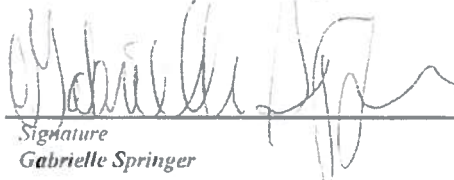
7-18-16

Title

Date

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name
Service Delivery Manager

8/18/16

Title

Date

Attachment 1
SWO 48
T16-RFQ-179
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	MD	MRC	MRC Taxes	Trunk SWO
DSHS 2022	609 Speyers Rd Room 317	Selah	Olympia	100	\$773.74	\$63.45	17

Supplemental Work Order 47
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 47 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs


Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multi-router Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 47 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML



Signature
Mark Quimby

Print or Type Name
TSD Assistant Director

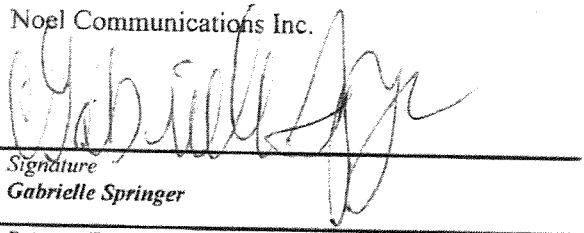
7-19-16

Title

Date

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name
Service Delivery Manager

7/18/16

Title

Date

Attachment 1
SWO 47
T16-RFQ-181
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	MB	MRC	MRC Taxes	Trunk SWO
DSHS 2043	3611 River Rd Ste 200	Yakima	Olympia	100	\$550.00	\$45.10	17

Supplemental Work Order 49
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 49 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 49 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML



Signature
Mark Quimby

Print or Type Name
TSD Assistant Director

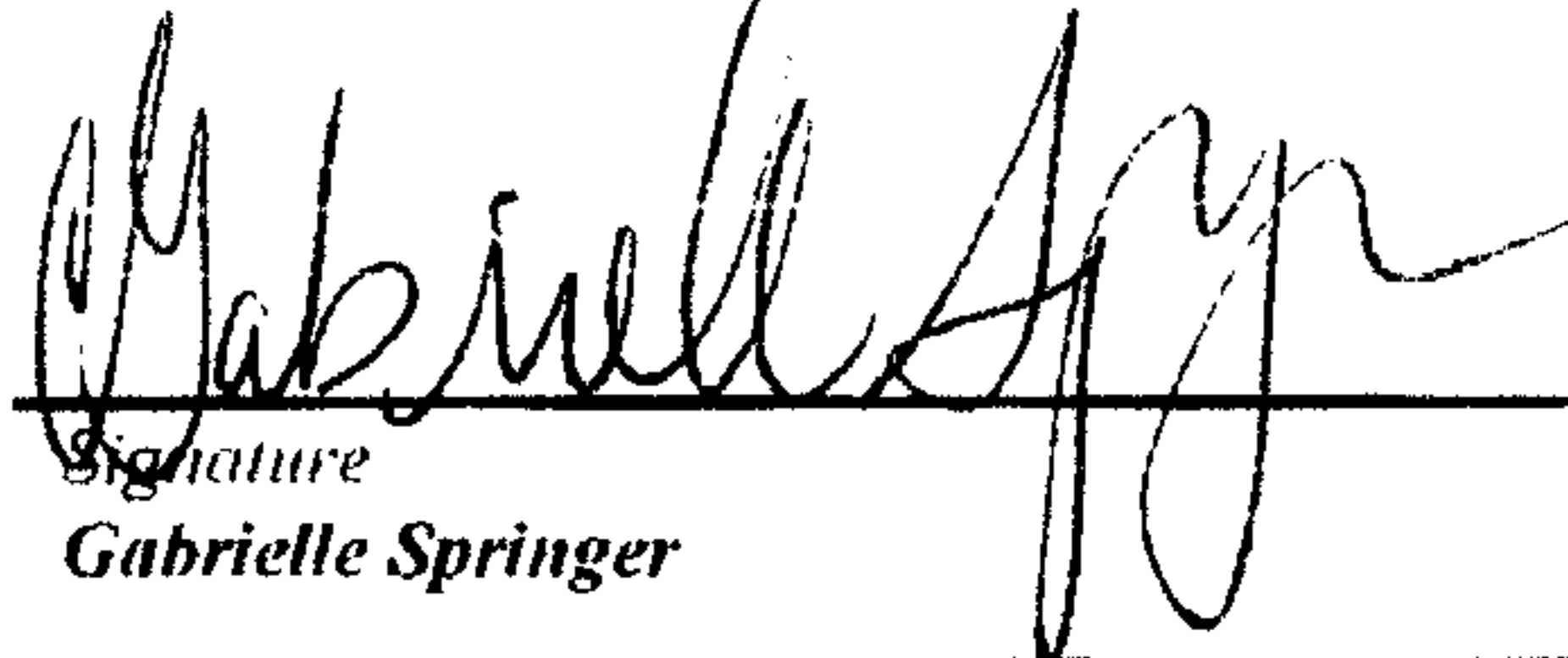
8-16-16

Title

Date

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name
Service Delivery Manager

8/15/16

Title

Date

Attachment 1
SWO 49
T16-RFQ-189
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mh	MRC	MRC Taxes	Trunk SWO
LTS- DSHS 3011	900 College Way E	Mount Vernon	Olympia	10	\$201.25	\$16.50	17

Supplemental Work Order 51
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 51 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs


Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 51 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML



Signature
Mark Quimby

Print or Type Name
TSD Assistant Director

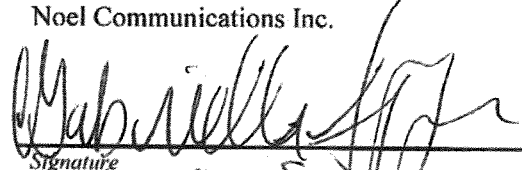
Title

9-146

Date

Approved

Noel Communications Inc.



Signature

Gabrielle Springer

Print or Type Name

Service Delivery Manager 8/31/16

Title Date

Attachment 1
SWO 51
T17-RFQ-006
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
DSHS 6006	808 S Columbus	Goldendale	Olympia	100	\$2,146.00	\$175.98	17

Supplemental Work Order 52
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 52 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a three (3) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 52 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML 

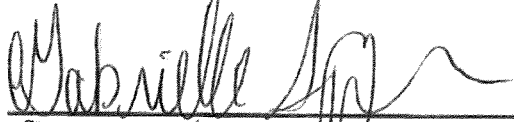
Signature
Mark Quimby

Print or Type Name
TSD Assistant Director

Title *Date* 9-27-16

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name

Service Delivery 9/22/16

Title *Date*

Attachment 1
SWO 52
T17-RFQ-013
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
ESD3901	1205 Ahtanum Ridge Drive	Union Gap	Olympia	100	\$500.00	\$41.00	17

Amendment 53
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 the ("Contract"), this Amendment 53 is entered into by and between the State of Washington, Consolidated Technology Services ("CTS") and Noel Communications, Inc. ("Vendor").


The purpose of this Amendment is to terminate the following Ethernet circuit for DOLD2003 from SWO 3. Now, therefore, the parties agree to amend the Supplemental Work Order 3 to remove the following:

Customer Site	Address	Location	CTS Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes
DOLD 2003	156 E Church St	White Salmon	Olympia	10	\$925.00	\$76.00	\$2,600.00	\$214.00

All other provisions of Contract T12-PCH-741, as previously amended, and SWO 3, as previously amended, shall remain in full force and effect.

This amendment 53 shall be effective as of the date signed by CTS.

Approved
 State of Washington, Consolidated Technology Services

ML 

 Signature

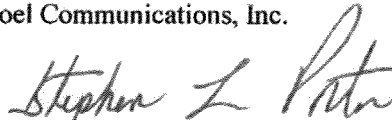
Mark Quimby

Print or Type Name
 TSD Assistant Director

 Title

Date
 9-27-16

Approved
 Noel Communications, Inc.



 Signature

STEVE PORTER

Print or Type Name
 NOC MANAGER

 Title

Date
 7/26/16

Amendment 50
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 the ("Contract"), this Amendment 50 is entered into by and between the State of Washington, Consolidated Technology Services ("CTS") and Noel Communications, Inc. ("Vendor").

The purpose of this Amendment is to terminate Supplemental Work Order (SWO) 38 in its entirety. Now, therefore, the parties agree to terminate Supplemental Work Order 38 to the Contract.

All other provisions of Contract T12-PCH-741 shall remain in full force and effect.

This amendment 50 shall be effective on the date of last signature below.

In witness thereof, the parties have signed below.

Approved
State of Washington, Consolidated Technology
Services

ML 

Signature
Mark Quimby

Print or Type Name
TSD Assistant Director

9-27-16

Title

Date

Approved
Noel Communications, Inc.



Signature

STEVE PORTER

Print or Type Name

NOC MANAGER

Title

9/26/16

Date

Supplemental Work Order 54
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 54 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 54 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML 

Signature
Mark Quimby

Print or Type Name
Assistant Director


Title

10-27-16

Date

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name
Service Delivery

Title

10/25/16

Date

Attachment 1
SWO 54
T17-RFQ-016
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWC
DSHS 6023	266 SW 2 nd St	Stevenson	Olympia	100	\$1,191.00	\$97.66	17

Amendment 55
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 the ("Contract"), this Amendment 55 is entered into by and between the State of Washington, Consolidated Technology Services ("CTS") and Noel Communications, Inc. ("Vendor").

The purpose of this Amendment is to terminate the following Ethernet circuit for DOLC7901 from SWO 3. Now, therefore, the parties agree to amend the Supplemental Work Order 3 to remove the following:

Customer Site	Address	Location	CTS Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes
DOLC 7901	1920 S 3 rd St	Mount Vernon	Olympia	10	\$259.00	\$22.00	\$0	\$0

All other provisions of Contract T12-PCH-741, as previously amended, and SWO 3, as previously amended, shall remain in full force and effect.

This amendment 55 shall be effective as of the date signed by CTS.

Approved
 State of Washington, Consolidated Technology Services

ML 

Signature

Mark Quimby

Print or Type Name
 Assistant Director

11-23-16

Title

Date

Approved
 Noel Communications, Inc.



Signature

Ryan Durfey

Print or Type Name

NOC Analyst

11/18/16

Title

Date

Supplemental Work Order 56
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 56 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"**Secondary Transport Ethernet Contract**" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"**Minimum Service Commitment**" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"**Node Router**" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"**Service Installation Date**" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a three (3) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service Installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix 1. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 56 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML 

Signature
Mark Quimby

Print or Type Name
Assistant Director

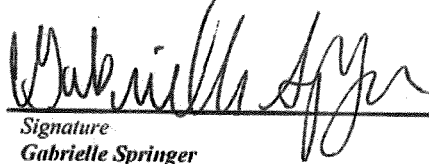
11-30-16

Title

Date

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name
Service Delivery

11/28/16

Title

Date

Attachment 1
SWO 56
T17-RFQ-022
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Cb	MRC	MRC Taxes
DOLS 8901	2725 Rudkin Road	Union Gap	Quincy	1	\$1,600.00	\$131.20

Supplemental Work Order 57
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

This Supplemental Work Order 57 (SWO) is made and entered by and between the State of Washington, Consolidated Technology Services ("CTS" or "Purchaser"), and Noel Communications Inc. ("Contractor"), pursuant to Section 29 of that certain contract No. T12-PCH-741, for Secondary Transport Ethernet Services.

Recitals

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties, the parties hereby agree as follows. Unless otherwise defined, capitalized terms in this Amendment have the meanings ascribed to them in the Contract.

1. Definitions

In addition to the definitions contained in the Contract, the following definitions shall apply to this SWO:

"Secondary Transport Ethernet Contract" shall mean that contract for Ethernet Services between Vendor and CTS, with reference number T12-PCH-741

"Minimum Service Commitment" shall mean the minimum period in which Purchasers agree to keep circuits in service.

"Node Router" shall mean Customer Router to which vendor delivers an aggregated bundle of VLANS.

"Service Installation Date" shall mean the date on which Services are actually installed, tested, and ready for Purchaser acceptance as defined in Section 6.

2. Term:

This SWO shall be effective as of the date executed by CTS (the "Effective Date") and continue in full force and effect for a two (2) year term, measured from the latest Service Installation Date for the end sites covered under this SWO.

3. Incorporation of the Contract:

The terms and conditions of the Ethernet Contract are hereby restated and incorporated by reference in their entirety.

4. Service Delivery Locations.

Vendor agrees to provide during the Term of this SWO, Ethernet Services at the throughput, price, and between the endpoints specified in Attachment 1.

5. Service Order and Installation

Vendor agrees, to have the service installed, tested and ready for Purchaser's Acceptance Testing (pursuant to Section 31 of the Contract) on or before forty five (45) days where facilities exist and ninety (90) days where facilities do not exist, from the execution of a Supplemental Work Order. Contractor may request reasonable extensions of these intervals to at least one hundred twenty (120) days. It is Vendor's responsibility to coordinate the delivery of, install or arrange installation of, test and make operational all items necessary to provide the services described. Vendor agrees to provide written notification to CTS' Contract Manager and CTS' WAN Manager upon service installation, the date of which shall be the "Service Installation Date."

6. Term of Service – Individual Circuits

Circuits ordered for each site during the first year following the Effective Date of this SWO shall have a Minimum Service Commitment of twelve (12) months, commencing on the Service Installation Date for that site. The list of circuits covered by this SWO is incorporated by reference and attached hereto. All construction costs will be included on the first invoice.

7. Termination Liability

As the sole and exclusive remedy for termination of any Services prior to the end of the term, Customer agrees to pay to Vendor the termination liability as follows:

- For termination during the Minimum Service Commitment, Termination Liability shall be an amount equal to 0% of the monthly recurring cost of the Services terminated times the number of months remaining in the Minimum Service Commitment period, plus 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- For termination after the Minimum Service Commitment, Termination Liability shall be an amount equal 0% of the monthly recurring charges times the number of months remaining in the Term of this SWO after the Minimum Service Commitment.
- Any termination charges shall be due in a lump sum, which shall be invoiced on the last month's invoice for the terminated service.

8. Service Interface & Termination Requirements

Vendor agrees to provide, at all times during the Term of this SWO, via a full duplex Ethernet Interface with auto negotiation at the capacities, interfaces, and Purchaser locations specified in Appendix I. Vendor is solely responsible for all access and fiber/cabling infrastructure to the point of service handoff.

9. Management VLANs

Vendor agrees to provide, at all times during the Term of this SWO, a management VLAN for the Advanced Transport Services that allows Purchasers to check status of routes or network segments CTS will provide IP addresses to be used for secondary addressing as necessary at each network element. Where Vendor is providing only a single VLAN to CTS, Vendor may satisfy this requirement by providing an additional port on the existing VLAN.

10. SNMP Access

Vendor agrees to provide, at all times during the Term of this SWO, for those portions of the services which utilize routers, Purchasers with SNMP (SNMPv2 minimum, SNMPv3 preferred) access to each network element in the path dedicated exclusively to Purchaser traffic.

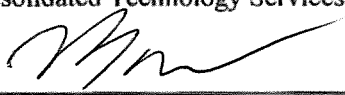
11. Traffic Graphs

Vendor agrees to provide to Purchasers, via secured website, dynamically generated MRTG (Multirouter Traffic Grapher) graphs reflecting current SNMP data for traffic on each segment of the paths carrying CTS VLANs. The MRTG graphs must show Five (5) minute, daily, weekly, monthly, and annual images. This Section may be satisfied through the use of some other automated graphing methodology provide the graphs CTSplay traffic data at the required intervals.

In Witness Whereof, the parties hereto, having read this SWO 57 to Contract Number T12-PCH-741 in its entirety, do agree thereto in each and every particular.

Approved

State of Washington
Consolidated Technology Services

ML 

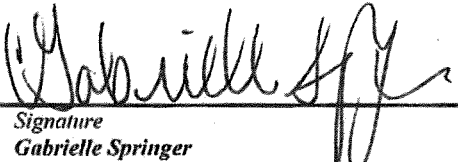
Signature
Mark Quimby

Print or Type Name
Assistant Director

Title *Date* 11-30-16

Approved

Noel Communications Inc.



Signature
Gabrielle Springer

Print or Type Name
Service Delivery

Title *Date* 11/29/16

Attachment 1
SWO 57
T17-RFQ-020
Secondary Ethernet Site List
Noel Communications Inc.

Customer Site	Address	Location	Node	Mb	MRC	MRC Taxes	Trunk SWO
DOC MTV1	205 Stewart Rd	Mount Vernon	Olympia	10	\$225.00	\$18.45	17

Amendment 58
to
Contract Number T12-PCH-741
for
Secondary Transport Ethernet Services

In accordance with Provision 41 (*Authority for Modifications and Amendments*) of Contract Number T12-PCH-741 the ("Contract"), this Amendment 58 is entered into by and between the State of Washington, Consolidated Technology Services ("CTS") and Noel Communications, Inc. ("Vendor").

The purpose of this Amendment is to terminate the following Ethernet circuit for DOLS8201 from SWO 3. Now, therefore, the parties agree to amend the Supplemental Work Order 3 to remove the following:

Customer Site	Address	Location	CTS Node	Mb	MRC	MRC Taxes	NRC	NRC Taxes
DOLS 8201	6519 N Lidgerwood St N	Spokane	Olympia	10	\$729.00	\$146.00	\$0	\$0

All other provisions of Contract T12-PCH-741, as previously amended, and SWO 3, as previously amended, shall remain in full force and effect.

This amendment 58 shall be effective as of the date signed by CTS.

Approved
 State of Washington, Consolidated Technology Services

ML 

Signature

Mark Quimby

Print or Type Name

Assistant Director

12-14-16

Title

Date

Approved
 Noel Communications, Inc.



Signature

STEVE PORTER

Print or Type Name

NOC MGR

12/13/16

Title

Date