

APPENDIX 11 — PRICE PROPOSAL TABLES

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1 **1. INTRODUCTION**

2 **1.1. DOCUMENT OVERVIEW**

3 This Appendix describes the Price Proposal Tables that must be submitted for the Roadway Toll
4 Systems (RTS) that WSDOT desires to procure for I-405 and SR 99. This document is divided
5 into five major sections. Section 1 explains the scope of the document as a whole. Section 2
6 includes the price proposes for the I-405 Express Toll Lanes System (System A) and the SR 99
7 Tunnel Toll System (System B). Section 3 includes the options price proposals for the additional
8 Roadway Toll Systems. Section 4 describes price escalation. Section 5 describes shared
9 maintenance.

10 **1.2. DOCUMENT SCOPE**

11 The information set forth herein describes the instructions for completion of the Price Proposal
12 Tables for the RTS that WSDOT desires to procure.

13 **1.3. ABBREVIATIONS AND DEFINITIONS**

14 All capitalized terms used in this Appendix 11, but not expressly defined herein, have the
15 respective meanings set forth in Appendix 1 of the RFP.

16 **1.4. PROPOSAL BOND**

17 The Vendor shall procure a proposal bond in an amount to be calculated as follows:

$$18 \quad 0.05 \times (\text{System A Installation Price} + \text{System B Installation Price})$$

19 **2. TOLL SYSTEM PRICE PROPOSAL TABLES**

20 The Vendor shall complete all prices tables in this section of Appendix 11 as a part of its Price
21 Proposal. All prices must be shown in U.S. dollars.

22 **2.1. I-405 EXPRESS TOLL LANES SYSTEM (SYSTEM A)**

23 **2.1.1. Design, Installation and Testing for I-405 Express Toll Lanes System**
24 **(System A)**

25 The Price Proposal for the Supply and Installation segment of Work shall provide a single total
26 installation price for the supply and installation of the I-405 Express Toll Lanes System as
27 specified in the requirements of the RFP in support of WSDOT's Toll Commencement date. The
28 Price entered in the following Total Installation Price for Supply and Installation table shall equal
29 the total of all Milestone payments entered in Toll System Payment Milestones table:

Total Installation Price for Design, Installation & Testing	
Total Installation Price:	\$ _____

30 Instructions for completing the Roadway Toll Systems Payment Milestones table:

- 31
 - Provide a Guaranteed Date (Month, Day, & Year) and single Payment Amount for each
- 32 Milestone.

- 1 • The Guaranteed Date for Project Initiation shall be no later than 30 Calendar Days after
2 Notice to Proceed.
- 3 • The Payment Amount for Project Initiation shall be no more than 10 percent of the Total
4 Installation Price for Supply and Installation written above.
- 5 • The sum of the Payment Amounts for Project Initiation, Design Approval, and Factory
6 Acceptance Test shall be no more than 40 percent of the Total Installation Price for
7 Design, Installation & Testing written above.
- 8 • The sum of the Payment Amounts for Installation Readiness, Operational Readiness, and
9 Toll Commencement shall be no more than 40 percent of the Total Installation Price for
10 Design, Installation & Testing written above.
- 11 • The Guaranteed Date for Toll Commencement shall be no later than the Toll
12 Commencement Date set forth in Appendix 2, Section 2.5.
- 13 • The Payment Amount for System Acceptance shall be no less than 20 percent of the
14 Total Installation Price for Design, Testing & Installation written above.
- 15

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
A1. Project Management – I-405 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Project Management Plan ▪ Quality Management Plan ▪ Initial Project Schedule 	To be completed by Vendor (shall be no later than 60 Calendar Days after Notice to Proceed)	No greater than 10 percent (10%) of the total installation price identified in selected Vendor's Price Proposal
A2. Preliminary Toll Infrastructure Design – I-405 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Preliminary Toll Infrastructure Design Memo 	To be completed by Vendor (shall be no later than 120 Calendar Days after Notice to Proceed 1)	A single amount to be completed by Vendor
A3. Preliminary Design – I-405 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Preliminary Design Document ▪ Software Development Plan ▪ Preliminary Installation Drawings 	To be completed by Vendor	A single amount to be completed by Vendor
A4. Final Design – I-405 System	<ul style="list-style-type: none"> ▪ System Design Document (SDD) ▪ Master Test Plan ▪ Draft IT Security Plan 	To be completed by Vendor	A single amount to be completed by Vendor
A5. Factory Acceptance Test – I-405 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Factory Acceptance Test Report 	To be completed by Vendor	A single amount to be completed by Vendor
WSDOT issues NTP 2**			
A6. Installation Readiness – I-405 System**	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Installation Plan ▪ Released for Installation Drawings ▪ Shop Drawings 	To be completed by Vendor	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
A7. Testing Readiness – I-405 System	WSDOT Approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Procedures ▪ Operational Test Procedures 	To be completed by Vendor – expressed in Calendar days prior to Toll Readiness (shall be no later than 120 days prior to Milestone A8)	A single amount to be completed by Vendor
A8. Installation and Testing Completion and Toll Readiness – I-405 System	WSDOT Approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Report ▪ Operational Test Report ▪ Site Acceptance Test Report ▪ Operational Verification Test Procedures ▪ Final IT Security Plan ▪ Traffic Management Plan (TMP) for Maintenance and Operations ▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations ▪ Maintenance Of Traffic Plans for Maintenance and Operations ▪ Operations Manual ▪ Maintenance Plan 	To be completed by Vendor – expressed in Calendar days prior to Toll Commencement (shall be no later than 45 Calendar Days prior to Milestone A9)	A single amount to be completed by Vendor
A9. Toll Commencement- I-405 System	<ul style="list-style-type: none"> ▪ Toll Commencement 	First Quarter of 2014, Final date set by I-405 Design-Builder by February 2012	N/A
A10. System Acceptance-I-405 System	WSDOT Approval of the following: <ul style="list-style-type: none"> ▪ As-Built Installation Drawings ▪ As-Built SDD ▪ Operational Verification Test Report ▪ Documentation described in RFP Appendix 3, Section 3.9 	To be completed by Vendor – expressed in Calendar days after Toll Commencement (shall be no later than 30 Calendar Days following Milestone A9)	No less than 20 percent of the total installation price identified in selected Vendor's Price Proposal
A11. (Optional) Shared Operations & Maintenance Transition – I-405 System	<ul style="list-style-type: none"> ▪ Transition Plan ▪ Maintenance Records ▪ Shared Maintenance Plan ▪ Shared Operations Manual ▪ Training 	WSDOT will set date at least 180 Calendar Days in advance	A single Amount to be completed by Vendor

* For Milestones up to and including System Acceptance, the following applies. The payment amount for any Milestone shall be at least five percent of the total installation price identified in selected vendor's Price Proposal. The sum of the payment amounts for Project Management, Preliminary Toll Infrastructure Design, Preliminary Design, Final Design, and Factory Acceptance Test Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal. The sum of the payment amounts for Installation Readiness, Testing

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Readiness, Installation and Testing Completion, and Toll Readiness Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal.

** No additional Work beyond A5 shall be performed prior to receipt of NTP 2.

2.1.2. OPERATIONS AND MAINTENANCE FOR I-405 EXPRESS TOLL LANES SYSTEM (SYSTEM A)

The Price Proposal for the Operations and Maintenance shall provide a fixed monthly price by year for the operations and maintenance of the I-405 Express Toll Lanes System as specified in the requirements of the RFP. The monthly Price shall include all Services, repair or replacement of Products, spare parts, travel, lodging, and related expenses. The Price offered shall be presented in the following format:

Monthly Pricing by Year for Warranty and Maintenance			
	<u>Monthly Price</u>	<u>Months</u>	<u>Annual Price</u>
Year 1:	\$ _____	12	\$ _____
Year 2:	\$ _____	12	\$ _____
Year 3:	\$ _____	12	\$ _____
Year 4:	\$ _____	12	\$ _____
Year 5:	\$ _____	12	\$ _____
Year 6:	\$ _____	12	\$ _____
Year 7:	\$ _____	12	\$ _____
Year 8:	\$ _____	12	\$ _____
Year 9:	\$ _____	12	\$ _____
Year 10:	\$ _____	12	\$ _____
Total Price for 10 years of Warranty and Maintenance			\$ _____

The Price Proposal for the Warranty and Maintenance segment of Work shall also provide a fixed annual price for the annual performance audit of the I-405 Express Toll Lanes System as specified in the requirements of the RFP. The annual price shall include all services, equipment, travel, lodging, and related expenses. The Price offered shall be presented in the following format:

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Annual Pricing for Annual Performance Audit	
	<u>Annual Price</u>
End of Year 1:	\$ _____
End of Year 2:	\$ _____
End of Year 3:	\$ _____
End of Year 4:	\$ _____
End of Year 5:	\$ _____
End of Year 6:	\$ _____
End of Year 7:	\$ _____
End of Year 8:	\$ _____
End of Year 9:	\$ _____
Total Price for 9 years of Annual Performance Audit	\$ _____

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3 **2.1.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR I-405 EXPRESS TOLL LANES**
 4 **SYSTEM (SYSTEM A)**

5 The Price entered in the Total Life-cycle Price Proposal table below shall be calculated as follows:

- 6 Total Installation Price for Supply and Installation
- 7 + Total Price for 10 years of Warranty and Maintenance
- 8 + Total Price for 9 years of Annual Performance Audit
- 9 = Total Life-cycle Price Proposal

Total Life-cycle Price Proposal	
Total Life-cycle Price Proposal:	\$ _____

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11 **2.2. SR 99 TUNNEL TOLL SYSTEM (SYSTEM B)**

12 **2.2.1. DESIGN, INSTALLATION AND TESTING FOR SR 99 TUNNEL TOLL SYSTEM**
 13 **(SYSTEM B)**

14 The Price Proposal for the Supply and Installation segment of Work shall provide a single total
 15 installation price for the supply and installation of the SR 99 Tunnel Toll System as specified in the

1 requirements of the RFP in support of WSDOT’s Toll Commencement date. The Price entered in
 2 the following Total Installation Price for Supply and Installation table shall equal the total of all
 3 Milestone payments entered in Toll System Payment Milestones table:

Total Installation Price for Design, Installation & Testing	
Total Installation Price:	\$ _____

4 Instructions for completing the Roadway Toll Systems Payment Milestones table:

- 5
- 6 • Provide a Guaranteed Date (Month, Day, & Year) and single Payment Amount for each Milestone.
 - 7 • The Guaranteed Date for Project Initiation shall be no later than 30 Calendar Days after
 - 8 Notice to Proceed.
 - 9 • The Payment Amount for Project Initiation shall be no more than 10 percent of the Total
 - 10 Installation Price for Supply and Installation written above.
 - 11 • The sum of the Payment Amounts for Project Initiation, Design Approval, and Factory
 - 12 Acceptance Test shall be no more than 40 percent of the Total Installation Price for
 - 13 Design, Installation & Testing written above.
 - 14 • The sum of the Payment Amounts for Installation Readiness, Operational Readiness, and
 - 15 Toll Commencement shall be no more than 40 percent of the Total Installation Price for
 - 16 Design, Installation & Testing written above.
 - 17 • The Guaranteed Date for Toll Commencement shall be no later than the Toll
 - 18 Commencement Date set forth in Appendix 2, Section 2.5.
 - 19 • The Payment Amount for System Acceptance shall be no less than 20 percent of the
 - 20 Total Installation Price for Design, Testing & Installation written above.
 - 21

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
B1. Project Management – SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Project Management Plan ▪ Quality Management Plan ▪ Initial Project Schedule 	To be completed by Vendor (shall be no later than 60 Calendar Days after Notice to Proceed)	No greater than 10 percent of the total installation price identified in selected Vendor’s Price Proposal
B2. Preliminary Toll Infrastructure Design – SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Preliminary Toll Infrastructure Design Memo 	To be completed by Vendor (shall be no later than 90 Calendar Days after Notice to Proceed)	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
B3. Preliminary Design – SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Preliminary Design Document ▪ Software Development Plan ▪ Preliminary Installation Drawings 	To be completed by Vendor	A single amount to be completed by Vendor
B4. Final Design – SR 99 System	<ul style="list-style-type: none"> ▪ System Design Document (SDD) ▪ Master Test Plan ▪ Draft IT Security Plan 	To be completed by Vendor (no sooner than January 1, 2014)	A single amount to be completed by Vendor
B5. Factory Acceptance Test –SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Factory Acceptance Test Report 	To be completed by Vendor	A single amount to be completed by Vendor
B6. Installation Readiness – SR-99 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Installation Plan ▪ Released for Installation Drawings ▪ Shop Drawings 	April 1, 2015	A single amount to be completed by Vendor
B7. Testing Readiness – SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Procedures ▪ Operational Test Procedures 	To be completed by Vendor (shall be no later than 120 days prior to Installation and Testing Completion Milestone)	A single amount to be completed by Vendor
B8. Installation and Testing Completion and Toll Readiness – SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Report ▪ Operational Test Report ▪ Site Acceptance Test Report ▪ Operational Verification Test Procedures ▪ Final IT Security Plan ▪ Traffic Management Plan (TMP) for Maintenance and Operations ▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations ▪ Maintenance Of Traffic Plans for Maintenance and Operations ▪ Operations Manual ▪ Maintenance Plan 	September 15, 2015	A single amount to be completed by Vendor
B9. Toll Commencement- SR 99 System	<ul style="list-style-type: none"> ▪ Toll Commencement 	September 15, 2015	N/A

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
B10. System Acceptance-SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ As-Built Installation Drawings ▪ As-Built SDD ▪ Operational Verification Test Report ▪ Documentation described in RFP Appendix 3, Section 3.9 	To be completed by Vendor (shall be no later than 30 Calendar Days following Toll Commencement)	No less than 20 percent of the total installation price identified in selected Vendor's Price Proposal
B11. (Optional) Shared Operations & Maintenance Transition – SR 99 System	<ul style="list-style-type: none"> ▪ Transition Plan ▪ Maintenance Records ▪ Shared Maintenance Plan ▪ Shared Operations Manual ▪ Training 	WSDOT will set date at least 180 Calendar Days in advance	Optional milestone would be negotiated by Amendment.

* For Milestones up to and including System Acceptance, the following applies. The payment amount for any Milestone shall be at least five percent of the total installation price identified in selected vendor's Price Proposal. The sum of the payment amounts for Project Management, Preliminary Toll Infrastructure Design, Preliminary Design, Final Design, and Factory Acceptance Test Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal. The sum of the payment amounts for Installation Readiness, Testing Readiness, Installation and Testing Completion, and Toll Readiness Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal.

2.2.2. OPERATIONS AND MAINTENANCE FOR SR 99 TUNNEL TOLL SYSTEM (SYSTEM B)

The Price Proposal for the Operations and Maintenance shall provide a fixed monthly price by year for the operations and maintenance of the SR 99 Tunnel Toll System as specified in the requirements of the RFP. The monthly Price shall include all Services, repair or replacement of Products, spare parts, travel, lodging, and related expenses. The Price offered shall be presented in the following format:

Monthly Pricing by Year for Warranty and Maintenance			
	<u>Monthly Price</u>	<u>Months</u>	<u>Annual Price</u>
Year 1:	\$ _____	12	\$ _____
Year 2:	\$ _____	12	\$ _____
Year 3:	\$ _____	12	\$ _____
Year 4:	\$ _____	12	\$ _____
Year 5:	\$ _____	12	\$ _____
Year 6:	\$ _____	12	\$ _____
Year 7:	\$ _____	12	\$ _____

Year 8:	\$ _____	12	\$ _____
Year 9:	\$ _____	12	\$ _____
Year 10:	\$ _____	12	\$ _____
Total Price for 10 years of Warranty and Maintenance			\$ _____

1 The Price Proposal for the Warranty and Maintenance segment of Work shall also provide a fixed
 2 annual price for the annual performance audit of the SR 99 Tunnel Toll System as specified in the
 3 requirements of the RFP. The annual price shall include all services, equipment, travel, lodging,
 4 and related expenses. The Price offered shall be presented in the following format:
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Annual Pricing for Annual Performance Audit	
	<u>Annual Price</u>
End of Year 1:	\$ _____
End of Year 2:	\$ _____
End of Year 3:	\$ _____
End of Year 4:	\$ _____
End of Year 5:	\$ _____
End of Year 6:	\$ _____
End of Year 7:	\$ _____
End of Year 8:	\$ _____
End of Year 9:	\$ _____
Total Price for 9 years of Annual Performance Audit	\$ _____

6 **2.2.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR SR 99 TUNNEL TOLL SYSTEM**
 7 **(SYSTEM B)**

8 The Price entered in the Total Life-cycle Price Proposal table below shall be calculated as follows:

- 9 Total Installation Price for Supply and Installation
- 10 + Total Price for 10 years of Warranty and Maintenance
- 11 + Total Price for 9 years of Annual Performance Audit
- 12 = Total Life-cycle Price Proposal

Total Life-cycle Price Proposal

Total Life-cycle Price Proposal: \$ _____

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3. ADDITIONAL ROADWAY TOLL SYSTEMS (OPTIONAL)

The Vendor may complete price tables in this section of Appendix 11. All prices must be shown in U.S. dollars.

3.1. SR 520 REPLACEMENT BRIDGE TOLL SYSTEM (SYSTEM C)

3.1.1. DESIGN, INSTALLATION AND TESTING SR 520 REPLACEMENT BRIDGE TOLL SYSTEM (SYSTEM C)

The Price Proposal for the Supply and Installation segment of Work shall provide a single total installation price for the supply and installation of the SR 520 Replacement Bridge Toll System as specified in the requirements of the RFP in support of WSDOT's Toll Commencement date. The Price entered in the following Total Installation Price for Supply and Installation table shall equal the total of all Milestone payments entered in Toll System Payment Milestones table:

**Total Installation Price for
Design, Installation & Testing**

Total Installation Price: \$ _____

Instructions for completing the Roadway Toll Systems Payment Milestones table:

- Provide a Guaranteed Date (Month, Day, & Year) and single Payment Amount for each Milestone.
- The Guaranteed Date for Project Initiation shall be no later than 30 Calendar Days after Notice to Proceed.
- The Payment Amount for Project Initiation shall be no more than 10 percent of the Total Installation Price for Supply and Installation written above.
- The sum of the Payment Amounts for Project Initiation, Design Approval, and Factory Acceptance Test shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
- The sum of the Payment Amounts for Installation Readiness, Operational Readiness, and Toll Commencement shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
- The Guaranteed Date for Toll Commencement shall be no later than the Toll Commencement Date set forth in Appendix 2, Section 2.5.
- The Payment Amount for System Acceptance shall be no less than 20 percent of the Total Installation Price for Design, Testing & Installation written above.

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
C1. Project Management – SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Project Management Plan ▪ Quality Management Plan ▪ Initial Project Schedule 	Shall be no later than 60 Calendar Days after Notice to Proceed	No greater than 10 percent of the total installation price identified in selected Vendor's Price Proposal
C2. Preliminary Design Document– SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Preliminary Design Document 	Shall be no later than 60 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
C3. Preliminary Design – SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Software Development Plan ▪ Preliminary Installation Drawings 	Shall be no later than 210 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
C4. Final Design – SR 520 System	<ul style="list-style-type: none"> ▪ System Design Document (SDD) ▪ Master Test Plan ▪ Draft IT Security Plan 	Shall be no later than 340 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
C5. Factory Acceptance Test –SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Factory Acceptance Test Report 	Shall be no later than 430 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
C6. Installation Readiness – SR-520 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Installation Plan ▪ Released for Installation Drawings ▪ Shop Drawings 	Shall be no later than 550 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
C7. Testing Readiness – SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Procedures ▪ Operational Test Procedures 	Shall be no later than 610 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
C8. Installation and Testing Completion and Toll Readiness – SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Report ▪ Operational Test Report ▪ Site Acceptance Test Report ▪ Operational Verification Test Procedures ▪ Final IT Security Plan ▪ Traffic Management Plan (TMP) for Maintenance and Operations ▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations ▪ Maintenance Of Traffic Plans for Maintenance and Operations ▪ Operations Manual ▪ Maintenance Plan 	Shall be no later than 730 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
C9. Toll Commencement- SR 520 System	<ul style="list-style-type: none"> ▪ Toll Commencement 	Shall be no later than 730 Calendar Days after Notice to Proceed	N/A
C10. System Acceptance-SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ As-Built Installation Drawings ▪ As-Built SDD ▪ Operational Verification Test Report ▪ Documentation described in RFP Appendix 3, Section 3.9 	Shall be no later than 30 Calendar Days following Toll Commencement	No less than 20 percent of the total installation price identified in selected Vendor's Price Proposal
C11. (Optional) Shared Operations & Maintenance Transition – SR 520 System	<ul style="list-style-type: none"> ▪ Transition Plan ▪ Maintenance Records ▪ Shared Maintenance Plan ▪ Shared Operations Manual ▪ Training 	WSDOT will set date at least 180 Calendar Days in advance	Optional milestone would be negotiated by Amendment.

* For Milestones up to and including System Acceptance, the following applies. The payment amount for any Milestone shall be at least five percent of the total installation price identified in selected vendor's Price Proposal. The sum of the payment amounts for Project Management, Preliminary Design, Final Design, and Factory Acceptance Test Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal. The sum of the payment amounts for Installation Readiness, Testing Readiness, Installation and Testing Completion, and Toll Readiness Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal.

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2 3.1.2. OPERATIONS AND MAINTENANCE OF SR 520 REPLACEMENT BRIDGE 3 TOLL SYSTEM (SYSTEM C)

4 The Price Proposal for the Operations and Maintenance shall provide a fixed monthly price by
5 year for the operations and maintenance of the SR 520 Replacement Bridge Toll System as

1 specified in the requirements of the RFP. The monthly Price shall include all Services, repair or
 2 replacement of Products, spare parts, travel, lodging, and related expenses. The Price offered
 3 shall be presented in the following format:

Monthly Pricing by Year for Warranty and Maintenance			
	<u>Monthly Price</u>	<u>Months</u>	<u>Annual Price</u>
Year 1:	\$ _____	12	\$ _____
Year 2:	\$ _____	12	\$ _____
Year 3:	\$ _____	12	\$ _____
Year 4:	\$ _____	12	\$ _____
Year 5:	\$ _____	12	\$ _____
Year 6:	\$ _____	12	\$ _____
Year 7:	\$ _____	12	\$ _____
Year 8:	\$ _____	12	\$ _____
Year 9:	\$ _____	12	\$ _____
Year 10:	\$ _____	12	\$ _____
Total Price for 10 years of Warranty and Maintenance			\$ _____

4 The Price Proposal for the Warranty and Maintenance segment of Work shall also provide a fixed
 5 annual price for the annual performance audit of the SR 520 Replacement Bridge as specified in
 6 the requirements of the RFP. The annual price shall include all services, equipment, travel,
 7 lodging, and related expenses. The Price offered shall be presented in the following format:

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Annual Pricing for Annual Performance Audit	
	<u>Annual Price</u>
End of Year 1:	\$ _____
End of Year 2:	\$ _____
End of Year 3:	\$ _____
End of Year 4:	\$ _____

End of Year 5:	\$ _____
End of Year 6:	\$ _____
End of Year 7:	\$ _____
End of Year 8:	\$ _____
End of Year 9:	\$ _____
Total Price for 9 years of Annual Performance Audit	\$ _____

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2 **3.1.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR SR 520 REPLACEMENT**
 3 **BRIDGE TOLL SYSTEM (SYSTEM C)**

4 The Price entered in the Total Life-cycle Price Proposal table below shall be calculated as follows:

- 5 Total Installation Price for Supply and Installation
- 6 + Total Price for 10 years of Warranty and Maintenance
- 7 + Total Price for 9 years of Annual Performance Audit
- 8 = Total Life-cycle Price Proposal

Total Life-cycle Price Proposal	
Total Life-cycle Price Proposal:	\$ _____

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10 **3.2. TACOMA NARROWS BRIDGE TOLL SYSTEM (SYSTEM D)**

11 **3.2.1. DESIGN, INSTALLATION AND TESTING TACOMA NARROWS BRIDGE TOLL**
 12 **SYSTEM (SYSTEM D)**

13 The Price Proposal for the Supply and Installation segment of Work shall provide a single total
 14 installation price for the supply and installation of the Tacoma Narrows Bridge Toll System as
 15 specified in the requirements of the RFP in support of WSDOT’s Toll Commencement date. The
 16 Price entered in the following Total Installation Price for Supply and Installation table shall equal
 17 the total of all Milestone payments entered in Toll System Payment Milestones table:

Total Installation Price for Design, Installation & Testing	
Total Installation Price:	\$ _____

1 Instructions for completing the Roadway Toll Systems Payment Milestones table:

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- Provide a Guaranteed Date (Month, Day, & Year) and single Payment Amount for each Milestone.
 - The Guaranteed Date for Project Initiation shall be no later than 30 Calendar Days after Notice to Proceed.
 - The Payment Amount for Project Initiation shall be no more than 10 percent of the Total Installation Price for Supply and Installation written above.
 - The sum of the Payment Amounts for Project Initiation, Design Approval, and Factory Acceptance Test shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
 - The sum of the Payment Amounts for Installation Readiness, Operational Readiness, and Toll Commencement shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
 - The Guaranteed Date for Toll Commencement shall be no later than the Toll Commencement Date set forth in Appendix 2, Section 2.5.
 - The Payment Amount for System Acceptance shall be no less than 20 percent of the Total Installation Price for Design, Testing & Installation written above.

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
D1. Project Management – TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Project Management Plan ▪ Quality Management Plan ▪ Initial Project Schedule 	Shall be no later than 60 Calendar Days after Notice to Proceed	No greater than 10 percent of the total installation price identified in selected Vendor's Price Proposal
D2. Preliminary Design Document– TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Preliminary Design Document 	Shall be no later than 60 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
D3. Preliminary Design – TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Software Development Plan ▪ Preliminary Installation Drawings 	Shall be no later than 150 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
D4. Final Design – TNB System	<ul style="list-style-type: none"> ▪ System Design Document (SDD) ▪ Master Test Plan ▪ Draft IT Security Plan 	Shall be no later than 210 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
D5. Factory Acceptance Test – TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Factory Acceptance Test Report 	Shall be no later than 270 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
D6. Installation Readiness – TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Installation Plan ▪ Released for Installation Drawings ▪ Shop Drawings ▪ Traffic Management Plan (TMP) ▪ Traffic Incident Management Plan (TIMP) ▪ Maintenance Of Traffic Plans 	Shall be no later than 330 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
D7. Testing Readiness – TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Procedures ▪ Operational Test Procedures 	Shall be no later than 390 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
D8. Installation and Testing Completion and Toll Readiness – TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Report ▪ Operational Test Report ▪ Site Acceptance Test Report ▪ Operational Verification Test Procedures ▪ Final IT Security Plan ▪ Operations Manual ▪ Maintenance Plan 	Shall be no later than 485 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
D9. Toll Commencement- TNB System	<ul style="list-style-type: none"> ▪ Toll Commencement 	Shall be no later than 550 Calendar Days after Notice to Proceed	N/A
D10. System Acceptance-TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ As-Built Installation Drawings ▪ As-Built SDD ▪ Operational Verification Test Report ▪ Documentation described in RFP Appendix 3, Section 3.9 	Shall be no later than 30 Calendar Days following Toll Commencement	No less than 20 percent of the total installation price identified in selected Vendor's Price Proposal
D11. (Optional) Shared Operations & Maintenance Transition – TNB System	<ul style="list-style-type: none"> ▪ Transition Plan ▪ Maintenance Records ▪ Shared Maintenance Plan ▪ Shared Operations Manual ▪ Training 	WSDOT will set date at least 180 Calendar Days in advance	Optional milestone would be negotiated by Amendment.

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
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* For Milestones up to and including System Acceptance, the following applies. The payment amount for any Milestone shall be at least five percent of the total installation price identified in selected vendor's Price Proposal. The sum of the payment amounts for Project Management, Preliminary Design, Final Design, and Factory Acceptance Test Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal. The sum of the payment amounts for Installation Readiness, Testing Readiness, Installation and Testing Completion, and Toll Readiness Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal.

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3.2.2. OPERATIONS AND MAINTENANCE OF TACOMA NARROWS BRIDGE TOLL SYSTEM (SYSTEM D)

The Price Proposal for the Operations and Maintenance shall provide a fixed monthly price by year for the operations and maintenance of the Tacoma Narrows Bridge Toll System as specified in the requirements of the RFP. The monthly Price shall include all Services, repair or replacement of Products, spare parts, travel, lodging, and related expenses. The Price offered shall be presented in the following format:

Monthly Pricing by Year for Warranty and Maintenance			
	<u>Monthly Price</u>	<u>Months</u>	<u>Annual Price</u>
Year 1:	\$ _____	12	\$ _____
Year 2:	\$ _____	12	\$ _____
Year 3:	\$ _____	12	\$ _____
Year 4:	\$ _____	12	\$ _____
Year 5:	\$ _____	12	\$ _____
Year 6:	\$ _____	12	\$ _____
Year 7:	\$ _____	12	\$ _____
Year 8:	\$ _____	12	\$ _____
Year 9:	\$ _____	12	\$ _____
Year 10:	\$ _____	12	\$ _____
Total Price for 10 years of Warranty and Maintenance			\$ _____

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The Price Proposal for the Warranty and Maintenance segment of Work shall also provide a fixed annual price for the annual performance audit of the Tacoma Narrows Bridge Toll System as

1 specified in the requirements of the RFP. The annual price shall include all services, equipment,
 2 travel, lodging, and related expenses. The Price offered shall be presented in the following format:

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Annual Pricing for Annual Performance Audit	
	<u>Annual Price</u>
End of Year 1:	\$ _____
End of Year 2:	\$ _____
End of Year 3:	\$ _____
End of Year 4:	\$ _____
End of Year 5:	\$ _____
End of Year 6:	\$ _____
End of Year 7:	\$ _____
End of Year 8:	\$ _____
End of Year 9:	\$ _____
Total Price for 9 years of Annual Performance Audit	\$ _____

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5 **3.2.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR TACOMA NARROWS BRIDGE**
 6 **TOLL SYSTEM (SYSTEM D)**

7 The Price entered in the Total Life-cycle Price Proposal table below shall be calculated as follows:

- 8 Total Installation Price for Supply and Installation
- 9 + Total Price for 10 years of Warranty and Maintenance
- 10 + Total Price for 9 years of Annual Performance Audit
- 11 = Total Life-cycle Price Proposal

Total Life-cycle Price Proposal
Total Life-cycle Price Proposal: \$ _____

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3.3. ADDITIONAL ROADWAY TOLL SYSTEM I (SYSTEM E/F)

3.3.1. DESIGN, INSTALLATION AND TESTING ADDITIONAL ROADWAY TOLL SYSTEM I (SYSTEM E/F)

The Price Proposal for the Supply and Installation segment of Work shall provide a single total installation price for the supply and installation of the Additional Roadway Toll System I as specified in the requirements of the RFP in support of WSDOT's Toll Commencement date. The Price entered in the following Total Installation Price for Supply and Installation table shall equal the total of all Milestone payments entered in Toll System Payment Milestones table:

Total Installation Price for Design, Installation & Testing	
Total Installation Price:	\$ _____

Instructions for completing the Roadway Toll Systems Payment Milestones table:

- Provide a Guaranteed Date (Month, Day, & Year) and single Payment Amount for each Milestone.
- The Guaranteed Date for Project Initiation shall be no later than 30 Calendar Days after Notice to Proceed.
- The Payment Amount for Project Initiation shall be no more than 10 percent of the Total Installation Price for Supply and Installation written above.
- The sum of the Payment Amounts for Project Initiation, Design Approval, and Factory Acceptance Test shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
- The sum of the Payment Amounts for Installation Readiness, Operational Readiness, and Toll Commencement shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
- The Guaranteed Date for Toll Commencement shall be no later than the Toll Commencement Date set forth in Appendix 2, Section 2.5.
- The Payment Amount for System Acceptance shall be no less than 20 percent of the Total Installation Price for Design, Testing & Installation written above.

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(I)1. Project Management – System E/F(I)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Project Management Plan ▪ Quality Management Plan ▪ Initial Project Schedule 	Shall be no later than 60 Calendar Days after Notice to Proceed	No greater than 10 percent of the total installation price identified in selected Vendor's Price Proposal
E/F(I)2. Preliminary Design Document– System E/F(I)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Preliminary Design Document 	Shall be no later than 60 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(I)3. Preliminary Design – System E/F(I)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Software Development Plan ▪ Preliminary Installation Drawings 	Shall be no later than 210 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(I)4. Final Design – System E/F(I)	<ul style="list-style-type: none"> ▪ System Design Document (SDD) ▪ Master Test Plan ▪ Draft IT Security Plan 	Shall be no later than 340 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(I)5. Factory Acceptance Test – System E/F(I)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Factory Acceptance Test Report 	Shall be no later than 430 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(I)6. Installation Readiness – System E/F(I)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Installation Plan ▪ Released for Installation Drawings ▪ Shop Drawings 	Shall be no later than 550 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(I)7. Testing Readiness – System E/F(I)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Procedures ▪ Operational Test Procedures 	Shall be no later than 610 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(I)8. Installation and Testing Completion and Toll Readiness – System E/F(I)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Report ▪ Operational Test Report ▪ Site Acceptance Test Report ▪ Operational Verification Test Procedures ▪ Final IT Security Plan ▪ Traffic Management Plan (TMP) for Maintenance and Operations ▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations ▪ Maintenance Of Traffic Plans for Maintenance and Operations ▪ Operations Manual ▪ Maintenance Plan 	Shall be no later than 730 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(I)9. Toll Commencement-System E/F(I)	<ul style="list-style-type: none"> ▪ Toll Commencement 	Shall be no later than 730 Calendar Days after Notice to Proceed	N/A

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(I)10. System Acceptance- System E/F(I)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ As-Built Installation Drawings ▪ As-Built SDD ▪ Operational Verification Test Report ▪ Documentation described in RFP Appendix 3, Section 3.9 	Shall be no later than 760 Calendar Days after Notice to Proceed	No less than 20 percent of the total installation price identified in selected Vendor's Price Proposal
E/F(I)11. (Optional) Shared Operations & Maintenance Transition – System E/F(I)	<ul style="list-style-type: none"> ▪ Transition Plan ▪ Maintenance Records ▪ Shared Maintenance Plan ▪ Shared Operations Manual ▪ Training 	WSDOT will set date at least 180 Calendar Days in advance	Optional milestone would be negotiated by Amendment.

1 * For Milestones up to and including System Acceptance, the following applies. The payment amount for any Milestone
 2 shall be at least five percent of the total installation price identified in selected vendor's Price Proposal. The sum of
 3 the payment amounts for Project Management, Preliminary Design, Final Design, and Factory Acceptance Test
 4 Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price
 5 Proposal. The sum of the payment amounts for Installation Readiness, Testing Readiness, Installation and Testing
 6 Completion, and Toll Readiness Milestones shall be no more than 40 percent of the total installation price identified
 7 in selected Vendor's Price Proposal.
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9 **3.3.2. OPERATIONS AND MAINTENANCE OF ADDITIONAL ROADWAY TOLL**
 10 **SYSTEM I (SYSTEM E/F)**

11 The Price Proposal for the Operations and Maintenance shall provide a fixed monthly price by
 12 year for the operations and maintenance of the Additional Roadway Toll System I as specified
 13 in the requirements of the RFP. The monthly Price shall include all Services, repair or
 14 replacement of Products, spare parts, travel, lodging, and related expenses. The Price offered
 15 shall be presented in the following format:

Monthly Pricing by Year for Warranty and Maintenance			
	<u>Monthly Price</u>	<u>Months</u>	<u>Annual Price</u>
Year 1:	\$ _____	12	\$ _____
Year 2:	\$ _____	12	\$ _____
Year 3:	\$ _____	12	\$ _____
Year 4:	\$ _____	12	\$ _____
Year 5:	\$ _____	12	\$ _____
Year 6:	\$ _____	12	\$ _____
Year 7:	\$ _____	12	\$ _____
Year 8:	\$ _____	12	\$ _____

Year 9:	\$ _____	12	\$ _____
Year 10:	\$ _____	12	\$ _____
Total Price for 10 years of Warranty and Maintenance			\$ _____

1 The Price Proposal for the Warranty and Maintenance segment of Work shall also provide a fixed
 2 annual price for the annual performance audit of the Additional Roadway Toll System I as
 3 specified in the requirements of the RFP. The annual price shall include all services, equipment,
 4 travel, lodging, and related expenses. The Price offered shall be presented in the following format:
 5

Annual Pricing for Annual Performance Audit	
	<u>Annual Price</u>
End of Year 1:	\$ _____
End of Year 2:	\$ _____
End of Year 3:	\$ _____
End of Year 4:	\$ _____
End of Year 5:	\$ _____
End of Year 6:	\$ _____
End of Year 7:	\$ _____
End of Year 8:	\$ _____
End of Year 9:	\$ _____
Total Price for 9 years of Annual Performance Audit	\$ _____

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7 **3.3.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR ADDITIONAL ROADWAY**
 8 **TOLL SYSTEM I (SYSTEM E/F)**

9 The Price entered in the Total Life-cycle Price Proposal table below shall be calculated as follows:

10 Total Installation Price for Supply and Installation
 11 + Total Price for 10 years of Warranty and Maintenance
 12 + Total Price for 9 years of Annual Performance Audit
 13 = Total Life-cycle Price Proposal

Total Life-cycle Price Proposal

Total Life-cycle Price Proposal: \$ _____

3.4. ADDITIONAL ROADWAY TOLL SYSTEM II (SYSTEM E/F)

3.4.1. DESIGN, INSTALLATION AND TESTING ADDITIONAL ROADWAY TOLL SYSTEM II (SYSTEM E/F)

The Price Proposal for the Supply and Installation segment of Work shall provide a single total installation price for the supply and installation of the Additional Roadway Toll System II as specified in the requirements of the RFP in support of WSDOT's Toll Commencement date. The Price entered in the following Total Installation Price for Supply and Installation table shall equal the total of all Milestone payments entered in Toll System Payment Milestones table:

**Total Installation Price for
Design, Installation & Testing**

Total Installation Price: \$ _____

Instructions for completing the Roadway Toll Systems Payment Milestones table:

- Provide a Guaranteed Date (Month, Day, & Year) and single Payment Amount for each Milestone.
- The Guaranteed Date for Project Initiation shall be no later than 30 Calendar Days after Notice to Proceed.
- The Payment Amount for Project Initiation shall be no more than 10 percent of the Total Installation Price for Supply and Installation written above.
- The sum of the Payment Amounts for Project Initiation, Design Approval, and Factory Acceptance Test shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
- The sum of the Payment Amounts for Installation Readiness, Operational Readiness, and Toll Commencement shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
- The Guaranteed Date for Toll Commencement shall be no later than the Toll Commencement Date set forth in Appendix 2, Section 2.5.
- The Payment Amount for System Acceptance shall be no less than 20 percent of the Total Installation Price for Design, Testing & Installation written above.

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(II)1. Project Management – System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Project Management Plan ▪ Quality Management Plan ▪ Initial Project Schedule 	Shall be no later than 60 Calendar Days after Notice to Proceed	No greater than 10 percent of the total installation price identified in selected Vendor's Price Proposal

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(II)2. Preliminary Design Document– System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Preliminary Design Document 	Shall be no later than 60 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(II)3. Preliminary Design – System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Software Development Plan ▪ Preliminary Installation Drawings 	Shall be no later than 210 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(II)4. Final Design – System E/F(II)	<ul style="list-style-type: none"> ▪ System Design Document (SDD) ▪ Master Test Plan ▪ Draft IT Security Plan 	Shall be no later than 340 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(II)5. Factory Acceptance Test – System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Factory Acceptance Test Report 	Shall be no later than 430 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(II)6. Installation Readiness – System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Installation Plan ▪ Released for Installation Drawings ▪ Shop Drawings 	Shall be no later than 550 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(II)7. Testing Readiness – System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Procedures ▪ Operational Test Procedures 	Shall be no later than 610 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(II)8. Installation and Testing Completion and Toll Readiness – System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Report ▪ Operational Test Report ▪ Site Acceptance Test Report ▪ Operational Verification Test Procedures ▪ Final IT Security Plan ▪ Traffic Management Plan (TMP) for Maintenance and Operations ▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations ▪ Maintenance Of Traffic Plans for Maintenance and Operations ▪ Operations Manual ▪ Maintenance Plan 	Shall be no later than 730 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(II)9. Toll Commencement- System E/F(II)	<ul style="list-style-type: none"> ▪ Toll Commencement 	Shall be no later than 730 Calendar Days after Notice to Proceed	N/A

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(II)10. System Acceptance- System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ As-Built Installation Drawings ▪ As-Built SDD ▪ Operational Verification Test Report ▪ Documentation described in RFP Appendix 3, Section 3.9 	Shall be no later than 760 Calendar Days after Notice to Proceed	No less than 20 percent of the total installation price identified in selected Vendor's Price Proposal
E/F(II)11. (Optional) Shared Operations & Maintenance Transition – System E/F(II)	<ul style="list-style-type: none"> ▪ Transition Plan ▪ Maintenance Records ▪ Shared Maintenance Plan ▪ Shared Operations Manual ▪ Training 	WSDOT will set date at least 180 Calendar Days in advance	Optional milestone would be negotiated by Amendment.

* For Milestones up to and including System Acceptance, the following applies. The payment amount for any Milestone shall be at least five percent of the total installation price identified in selected vendor's Price Proposal. The sum of the payment amounts for Project Management, Preliminary Design, Final Design, and Factory Acceptance Test Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal. The sum of the payment amounts for Installation Readiness, Testing Readiness, Installation and Testing Completion, and Toll Readiness Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price Proposal.

3.4.2. OPERATIONS AND MAINTENANCE OF ADDITIONAL ROADWAY TOLL SYSTEM II (SYSTEM E/F)

The Price Proposal for the Operations and Maintenance shall provide a fixed monthly price by year for the operations and maintenance of the Additional Roadway Toll System II as specified in the requirements of the RFP. The monthly Price shall include all Services, repair or replacement of Products, spare parts, travel, lodging, and related expenses. The Price offered shall be presented in the following format:

Monthly Pricing by Year for Warranty and Maintenance			
	<u>Monthly Price</u>	<u>Months</u>	<u>Annual Price</u>
Year 1:	\$ _____	12	\$ _____
Year 2:	\$ _____	12	\$ _____
Year 3:	\$ _____	12	\$ _____
Year 4:	\$ _____	12	\$ _____
Year 5:	\$ _____	12	\$ _____
Year 6:	\$ _____	12	\$ _____
Year 7:	\$ _____	12	\$ _____
Year 8:	\$ _____	12	\$ _____

Year 9:	\$ _____	12	\$ _____
Year 10:	\$ _____	12	\$ _____
Total Price for 10 years of Warranty and Maintenance			\$ _____

1 The Price Proposal for the Warranty and Maintenance segment of Work shall also provide a fixed
 2 annual price for the annual performance audit of the Additional Roadway Toll System II as
 3 specified in the requirements of the RFP. The annual price shall include all services, equipment,
 4 travel, lodging, and related expenses. The Price offered shall be presented in the following format:
 5

Annual Pricing for Annual Performance Audit	
	<u>Annual Price</u>
End of Year 1:	\$ _____
End of Year 2:	\$ _____
End of Year 3:	\$ _____
End of Year 4:	\$ _____
End of Year 5:	\$ _____
End of Year 6:	\$ _____
End of Year 7:	\$ _____
End of Year 8:	\$ _____
End of Year 9:	\$ _____
Total Price for 9 years of Annual Performance Audit	\$ _____

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7 **3.4.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR ADDITIONAL ROADWAY**
 8 **TOLL SYSTEM II (SYSTEM E/F)**

9 The Price entered in the Total Life-cycle Price Proposal table below shall be calculated as follows:

- 10 Total Installation Price for Supply and Installation
- 11 + Total Price for 10 years of Warranty and Maintenance
- 12 + Total Price for 9 years of Annual Performance Audit
- 13 = Total Life-cycle Price Proposal

Total Life-cycle Price Proposal

Total Life-cycle Price Proposal: \$ _____

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2 **3.5. ADDITIONAL ROADWAY TOLL SYSTEM III (SYSTEM E/F)**

3 **3.5.1. DESIGN, INSTALLATION AND TESTING ADDITIONAL ROADWAY TOLL**
 4 **SYSTEM III (SYSTEM E/F)**

5 The Price Proposal for the Supply and Installation segment of Work shall provide a single total
 6 installation price for the supply and installation of the Additional Roadway Toll System III as
 7 specified in the requirements of the RFP in support of WSDOT's Toll Commencement date. The
 8 Price entered in the following Total Installation Price for Supply and Installation table shall equal
 9 the total of all Milestone payments entered in Toll System Payment Milestones table:

**Total Installation Price for
 Design, Installation & Testing**

Total Installation Price: \$ _____

10 Instructions for completing the Roadway Toll Systems Payment Milestones table:

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- Provide a Guaranteed Date (Month, Day, & Year) and single Payment Amount for each Milestone.
 - The Guaranteed Date for Project Initiation shall be no later than 30 Calendar Days after Notice to Proceed.
 - The Payment Amount for Project Initiation shall be no more than 10 percent of the Total Installation Price for Supply and Installation written above.
 - The sum of the Payment Amounts for Project Initiation, Design Approval, and Factory Acceptance Test shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
 - The sum of the Payment Amounts for Installation Readiness, Operational Readiness, and Toll Commencement shall be no more than 40 percent of the Total Installation Price for Design, Installation & Testing written above.
 - The Guaranteed Date for Toll Commencement shall be no later than the Toll Commencement Date set forth in Appendix 2, Section 2.5.
 - The Payment Amount for System Acceptance shall be no less than 20 percent of the Total Installation Price for Design, Testing & Installation written above.

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(III)1. Project Management – System E/F(III)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Project Management Plan ▪ Quality Management Plan ▪ Initial Project Schedule 	Shall be no later than 60 Calendar Days after Notice to Proceed	No greater than 10 percent of the total installation price identified in selected Vendor's Price Proposal
E/F(III)2. Preliminary Design Document– System E/F(III)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Preliminary Design Document 	Shall be no later than 60 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(III)3. Preliminary Design – System E/F(III)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Software Development Plan ▪ Preliminary Installation Drawings 	Shall be no later than 210 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(III)4. Final Design – System E/F(III)	<ul style="list-style-type: none"> ▪ System Design Document (SDD) ▪ Master Test Plan ▪ Draft IT Security Plan 	Shall be no later than 340 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(III)5. Factory Acceptance Test – System E/F(III)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Factory Acceptance Test Report 	Shall be no later than 430 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(III)6. Installation Readiness – System E/F(III)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Installation Plan ▪ Released for Installation Drawings ▪ Shop Drawings 	Shall be no later than 550 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(III)7. Testing Readiness – System E/F(III)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Procedures ▪ Operational Test Procedures 	Shall be no later than 610 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(III)8. Installation and Testing Completion and Toll Readiness – System E/F(III)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ Commissioning Test Report ▪ Operational Test Report ▪ Site Acceptance Test Report ▪ Operational Verification Test Procedures ▪ Final IT Security Plan ▪ Traffic Management Plan (TMP) for Maintenance and Operations ▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations ▪ Maintenance Of Traffic Plans for Maintenance and Operations ▪ Operations Manual ▪ Maintenance Plan 	Shall be no later than 730 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(III)9. Toll Commencement- System E/F(III)	<ul style="list-style-type: none"> ▪ Toll Commencement 	Shall be no later than 730 Calendar Days after Notice to Proceed	N/A
E/F(III)10. System Acceptance- System E/F(III)	WSDOT approval of the following: <ul style="list-style-type: none"> ▪ As-Built Installation Drawings ▪ As-Built SDD ▪ Operational Verification Test Report ▪ Documentation described in RFP Appendix 3, Section 3.9 	Shall be no later than 760 Calendar Days after Notice to Proceed	No less than 20 percent of the total installation price identified in selected Vendor's Price Proposal
E/F(III)11. (Optional) Shared Operations & Maintenance Transition – System E/F(III)	<ul style="list-style-type: none"> ▪ Transition Plan ▪ Maintenance Records ▪ Shared Maintenance Plan ▪ Shared Operations Manual ▪ Training 	WSDOT will set date at least 180 Calendar Days in advance	Optional milestone would be negotiated by Amendment.

1 * For Milestones up to and including System Acceptance, the following applies. The payment amount for any Milestone
 2 shall be at least five percent of the total installation price identified in selected vendor's Price Proposal. The sum of
 3 the payment amounts for Project Management, Preliminary Design, Final Design, and Factory Acceptance Test
 4 Milestones shall be no more than 40 percent of the total installation price identified in selected Vendor's Price
 5 Proposal. The sum of the payment amounts for Installation Readiness, Testing Readiness, Installation and Testing
 6 Completion, and Toll Readiness Milestones shall be no more than 40 percent of the total installation price identified
 7 in selected Vendor's Price Proposal.
 8

9 **3.5.2. OPERATIONS AND MAINTENANCE OF ADDITIONAL ROADWAY TOLL**
 10 **SYSTEM III (SYSTEM E/F)**

11 The Price Proposal for the Operations and Maintenance shall provide a fixed monthly price by
 12 year for the operations and maintenance of the Additional Roadway Toll System III as specified
 13 in the requirements of the RFP. The monthly Price shall include all Services, repair or
 14 replacement of Products, spare parts, travel, lodging, and related expenses. The Price offered
 15 shall be presented in the following format:

Monthly Pricing by Year for Warranty and Maintenance			
	<u>Monthly Price</u>	<u>Months</u>	<u>Annual Price</u>
Year 1:	\$ _____	12	\$ _____
Year 2:	\$ _____	12	\$ _____
Year 3:	\$ _____	12	\$ _____
Year 4:	\$ _____	12	\$ _____
Year 5:	\$ _____	12	\$ _____
Year 6:	\$ _____	12	\$ _____

Year 7:	\$ _____	12	\$ _____
Year 8:	\$ _____	12	\$ _____
Year 9:	\$ _____	12	\$ _____
Year 10:	\$ _____	12	\$ _____
Total Price for 10 years of Warranty and Maintenance			\$ _____

1 The Price Proposal for the Warranty and Maintenance segment of Work shall also provide a fixed
 2 annual price for the annual performance audit of the Additional Roadway Toll System III as
 3 specified in the requirements of the RFP. The annual price shall include all services, equipment,
 4 travel, lodging, and related expenses. The Price offered shall be presented in the following format:

5

Annual Pricing for Annual Performance Audit	
	<u>Annual Price</u>
End of Year 1:	\$ _____
End of Year 2:	\$ _____
End of Year 3:	\$ _____
End of Year 4:	\$ _____
End of Year 5:	\$ _____
End of Year 6:	\$ _____
End of Year 7:	\$ _____
End of Year 8:	\$ _____
End of Year 9:	\$ _____
Total Price for 9 years of Annual Performance Audit	\$ _____

6

7 **3.5.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR ADDITIONAL ROADWAY**
 8 **TOLL SYSTEM III (SYSTEM E/F)**

9 The Price entered in the Total Life-cycle Price Proposal table below shall be calculated as follows:

- 10 Total Installation Price for Supply and Installation
 11 + Total Price for 10 years of Warranty and Maintenance

<i>Index</i>	<i>Description</i>	<i>Start Date January 2012</i>	<i>End Date November 2014</i>	<i>Escalation Index End/Start</i>
WPU 117	Machinery and Equipment	112.2	119.1	1.061
WPU 10	Metals and Metal products	168.6	205.4	1.218

$$(1.078 \times 0.5) + ((1.061 \times 0.25) + (1.218 \times 0.25)) = \text{Composite Escalation Index}$$

$$0.539 + (0.265 + 0.305) = 1.109$$

$$\$1,500,000 \times 1.109 = \$1,663,500$$

Therefore, in this example, the future price for Additional Roadway Toll System III is **\$1,663,500**.

5. SHARED MAINTENANCE TRANSITION

5.1. DESCRIPTION

The Contract terms allow WSDOT, at its sole discretion, to subsequently amend the Contract to implement a Shared Maintenance arrangement. A Shared Maintenance Transition payment shall facilitate the transition process through the development of a Transition Plan, training of WSDOT maintenance personnel, and the creation of an Amendment to the Contract.

5.2. PRICE PROPOSAL

The Price Proposal for the Shared Maintenance Transition shall provide a lump sum price for the labor required to accomplish the Shared Maintenance Transition as detailed in Appendix 5. The lump sum price shall be based on 2012 costs and presented in the following format:

Shared Maintenance Transition Price	
Shared Maintenance Transition Price:	\$ _____

Since the Shared Maintenance Transition involves labor activities almost exclusively, the Price provided above shall be escalated using the Consumer Price Index as indicated in Section 6.2. This escalation shall be calculated at the time Shared Maintenance Transition occurs by determining the Escalation Index End/Start in accordance with Section 6.2; using the most recent index month available at the time of Shared Maintenance Transition divided by the index of the Base Month.

End of Appendix