

## **APPENDIX 11 — PRICE PROPOSAL TABLES**

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 proposed for the I-405 Express Toll Lanes System (System A) and the SR 99  
7 Tunnel Toll System (System B). Section 3 includes the optional 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:

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

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 design, installation and testing Work shall provide a single total  
26 installation Price (for design, installation and testing) of the I-405 Express Toll Lanes System as  
27 specified in the requirements of the RFP in support of WSDOT's Toll Commencement. The Price  
28 entered in the following total installation Price table shall equal the total of all Milestone payments  
29 entered in Toll System Payment Milestones table, up to and including the System Acceptance  
30 Milestone. The Price for Shared Maintenance shall not be included in the total installation Price:

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

Total Installation Price: \$ \_\_\_\_\_

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<b>Milestone</b>	<b>Qualifying Event</b>	<b>Guaranteed Date</b>	<b>Payment Amount*</b>
A1. Project Management – I-405 System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Project Management Plan</li> <li>▪ Quality Management Plan</li> <li>▪ Initial Project Schedule</li> </ul>	To be completed by Vendor (shall be no later than 60 Calendar Days after Notice to Proceed)	A single amount to be completed by Vendor. No greater than 10 percent 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"> <li>▪ Preliminary Toll Infrastructure Design Memo</li> </ul>	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"> <li>▪ Preliminary Design Document</li> <li>▪ Software Development Plan</li> <li>▪ Preliminary Installation Drawings</li> </ul>	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"> <li>▪ System Design Document (SDD)</li> <li>▪ Master Test Plan</li> <li>▪ Draft IT Security Plan</li> </ul>	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"> <li>▪ Factory Acceptance Test Report</li> </ul>	To be completed by Vendor	A single amount to be completed by Vendor
<b>WSDOT issues NTP 2**</b>			
A6. Installation Readiness – I-405 System**	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Installation Plan</li> <li>▪ Released for Installation Drawings</li> <li>▪ Shop Drawings</li> </ul>	To be completed by Vendor	A single amount to be completed by Vendor
A7. Testing Readiness – I-405 System	WSDOT Approval of the following: <ul style="list-style-type: none"> <li>▪ Commissioning Test Procedures</li> <li>▪ Operational Test Procedures</li> </ul>	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

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
A8. Installation and Testing Completion and Toll Readiness – I-405 System	WSDOT Approval of the following: <ul style="list-style-type: none"> <li>▪ Commissioning Test Report</li> <li>▪ Operational Test Report</li> <li>▪ Site Acceptance Test Report</li> <li>▪ Operational Verification Test Procedures</li> <li>▪ Final IT Security Plan</li> <li>▪ Traffic Management Plan (TMP) for Maintenance and Operations</li> <li>▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations</li> <li>▪ Maintenance Of Traffic Plans for Maintenance and Operations</li> <li>▪ Maintenance and Operations Manual</li> <li>▪ Maintenance Plan</li> </ul>	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"> <li>▪ Toll Commencement</li> </ul>	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"> <li>▪ As-Built Installation Drawings</li> <li>▪ As-Built SDD</li> <li>▪ Operational Verification Test Report</li> <li>▪ Documentation described in RFP Appendix 3, Section 3.9</li> </ul>	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

\* 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.

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

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

The Price Proposal for Maintenance and Operations shall provide a fixed monthly Price by year for the Maintenance and Operations 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:

<b>Monthly Pricing by Year for Maintenance and Operations</b>			
	<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 Maintenance and Operations			\$ _____

1 The Price Proposal for the Maintenance and Operations Work shall also provide a fixed annual  
 2 Price for the annual performance audit of the I-405 Express Toll Lanes 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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<b>Annual Pricing for Annual Performance Audit</b>	
	<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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**2.1.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR I-405 EXPRESS TOLL LANES SYSTEM (SYSTEM A)**

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

$$\begin{aligned}
 & \text{Total Installation Price (for design, installation and testing)} \\
 + & \text{ Total Price for 10 years of Maintenance and Operations} \\
 + & \text{ Total Price for 9 years of Annual Performance Audit} \\
 = & \text{ Total Life-cycle Price Proposal}
 \end{aligned}$$

<b>Total Life-cycle Price Proposal</b>
Total Life-cycle Price Proposal: \$ _____

**2.1.4. SHARED MAINTENANCE TRANSITION FOR I-405 EXPRESS TOLL LANES SYSTEM (SYSTEM A)**

The Contract terms allow WSDOT, at its sole discretion, to 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. WSDOT will set the date of a transition, if any, at least 180 Calendar Days in advance of the transition Milestone.

In the event of implementing Shared Maintenance, the transition shall follow the requirements in Appendix 5, including, but not limited to, the following deliverables:

- Transition Plan
- Maintenance Records
- Shared Maintenance Plan
- Shared Operations Manual
- Training

The Vendor shall provide a Price for Shared Maintenance transition. For the purposes of proposing Prices for this Work, the Vendor shall assume the transition occurs one year after System Acceptance. In the event the transition date is set later than one year after System Acceptance, WSDOT will determine the escalated Price by multiplying the proposed Price by a Composite Escalation Index described herein.

<b>Shared Maintenance Transition Price</b>
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Shared Maintenance Transition Price \$ _____ Proposal: _____
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2 **2.2. SR 99 TUNNEL TOLL SYSTEM (SYSTEM B)**

3 **2.2.1. DESIGN, INSTALLATION AND TESTING FOR SR 99 TUNNEL TOLL SYSTEM**  
 4 **(SYSTEM B)**

5 The Price Proposal for the design, installation and testing Work shall provide a single total  
 6 installation Price (for design, installation and testing) of the SR 99 Tunnel Toll System as specified  
 7 in the requirements of the RFP in support of WSDOT’s Toll Commencement. The Price entered in  
 8 the following total installation Price table shall equal the total of all Milestone payments entered in  
 9 Toll System Payment Milestones table, up to and including the System Acceptance Milestone. The  
 10 Price for Shared Maintenance shall not be included in the total installation Price:

<b>Total Installation Price (for                  Design, Installation &amp; Testing)</b>	
Total Installation Price:	\$ _____

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Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
B1. Project Management – SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Project Management Plan</li> <li>▪ Quality Management Plan</li> <li>▪ Initial Project Schedule</li> </ul>	To be completed by Vendor (shall be no later than 60 Calendar Days after Notice to Proceed)	A single amount to be completed by Vendor. 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"> <li>▪ Preliminary Toll Infrastructure Design Memo</li> </ul>	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
B3. Preliminary Design – SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Preliminary Design Document</li> <li>▪ Software Development Plan</li> <li>▪ Preliminary Installation Drawings</li> </ul>	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"> <li>▪ System Design Document (SDD)</li> <li>▪ Master Test Plan</li> <li>▪ Draft IT Security Plan</li> </ul>	To be completed by Vendor (no sooner than January 1, 2014)	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
B5. Factory Acceptance Test –SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>Factory Acceptance Test Report</li> </ul>	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"> <li>Installation Plan</li> <li>Released for Installation Drawings</li> <li>Shop Drawings</li> </ul>	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"> <li>Commissioning Test Procedures</li> <li>Operational Test Procedures</li> </ul>	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"> <li>Commissioning Test Report</li> <li>Operational Test Report</li> <li>Site Acceptance Test Report</li> <li>Operational Verification Test Procedures</li> <li>Final IT Security Plan</li> <li>Traffic Management Plan (TMP) for Maintenance and Operations</li> <li>Traffic Incident Management Plan (TIMP) for Maintenance and Operations</li> <li>Maintenance Of Traffic Plans for Maintenance and Operations</li> <li>Maintenance and Operations Manual</li> <li>Maintenance Plan</li> </ul>	September 15, 2015	A single amount to be completed by Vendor
B9. Toll Commencement- SR 99 System	<ul style="list-style-type: none"> <li>Toll Commencement</li> </ul>	September 15, 2015	N/A
B10. System Acceptance-SR 99 System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>As-Built Installation Drawings</li> <li>As-Built SDD</li> <li>Operational Verification Test Report</li> <li>Documentation described in RFP Appendix 3, Section 3.9</li> </ul>	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

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 Toll Infrastructure Design, Preliminary Design, Final  
4 Design, and Factory Acceptance Test Milestones shall be no more than 40 percent of the total installation Price  
5 identified in selected Vendor's Price Proposal. The sum of the payment amounts for Installation Readiness, Testing

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

3 **2.2.2. MAINTENANCE AND OPERATIONS FOR SR 99 TUNNEL TOLL SYSTEM**  
 4 **(SYSTEM B)**

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

<b>Monthly Pricing by Year for Maintenance and Operations</b>			
	<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 Maintenance and Operations			\$ _____

10 The Price Proposal for the Maintenance and Operations Work shall also provide a fixed annual  
 11 Price for the annual performance audit of the SR 99 Tunnel Toll System as specified in the  
 12 requirements of the RFP. The annual Price shall include all services, equipment, travel, lodging,  
 13 and related expenses. The Price offered shall be presented in the following format:

14

<b>Annual Pricing for Annual Performance Audit</b>	
	<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	\$ _____

1 **2.2.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR SR 99 TUNNEL TOLL SYSTEM**  
 2 **(SYSTEM B)**

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

- 4 Total Installation Price (for design, installation and testing)  
 5 + Total Price for 10 years of Maintenance and Operations  
 6 + Total Price for 9 years of Annual Performance Audit  
 7 = Total Life-cycle Price Proposal

<b>Total Life-cycle Price Proposal</b>
Total Life-cycle Price Proposal: \$ _____

8 **2.2.4. SHARED MAINTENANCE TRANSITION FOR SR 99 TUNNEL SYSTEM**  
 9 **(SYSTEM B)**

10 The Contract terms allow WSDOT, at its sole discretion, to amend the Contract to implement a  
 11 Shared Maintenance arrangement. A Shared Maintenance transition payment shall facilitate the  
 12 transition process through the development of a transition plan, training of WSDOT maintenance  
 13 personnel, and the creation of an Amendment to the Contract. WSDOT will set the date of a  
 14 transition, if any, at least 180 Calendar Days in advance of the transition Milestone.

15 In the event of implementing Shared Maintenance, the transition shall follow the  
 16 requirements in Appendix 5, including, but not limited to, the following deliverables:

- 17 • Transition Plan  
 18 • Maintenance Records  
 19 • Shared Maintenance Plan  
 20 • Shared Operations Manual

- 1 • Training
- 2 The Vendor shall provide a Price for Shared Maintenance transition. For the purposes of  
 3 proposing Prices for this Work, the Vendor shall assume the transition occurs one year after  
 4 System Acceptance. In the event the transition date is set later than one year after System  
 5 Acceptance, WSDOT will determine the escalated Price by multiplying the proposed Price by a  
 6 Composite Escalation Index described herein.

<b>Shared Maintenance Transition Price</b>	
Shared Maintenance Transition Price	\$ _____
Proposal:	

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8 **3. ADDITIONAL ROADWAY TOLL SYSTEMS (OPTIONAL)**

9 The Vendor may complete Price tables in this section of Appendix 11. All Prices must be shown in  
 10 U.S. dollars.

11 **3.1. SR 520 REPLACEMENT BRIDGE TOLL SYSTEM (SYSTEM C)**

12 **3.1.1. DESIGN, INSTALLATION AND TESTING SR 520 REPLACEMENT BRIDGE TOLL**  
 13 **SYSTEM (SYSTEM C)**

14 The Price Proposal for the design, installation and testing Work shall provide a single total  
 15 installation Price (for design, installation and testing) of the SR 520 Replacement Bridge Toll  
 16 System as specified in the requirements of the RFP in support of WSDOT’s Toll Commencement.  
 17 The Price entered in the following total installation Price table shall equal the total of all Milestone  
 18 payments entered in Toll System Payment Milestones table, up to and including the System  
 19 Acceptance Milestone. The Price for Shared Maintenance shall not be included in the total  
 20 installation Price:

<b>Total Installation Price (for Design, Installation &amp; Testing)</b>	
Total Installation Price:	\$ _____

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Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
C1. Project Management – SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Project Management Plan</li> <li>▪ Quality Management Plan</li> <li>▪ Initial Project Schedule</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 60 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor. No greater than 10 percent of the total installation Price identified in selected Vendor’s Price Proposal

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
C2. Preliminary Design Document– SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Preliminary Design Document</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Software Development Plan</li> <li>▪ Preliminary Installation Drawings</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ System Design Document (SDD)</li> <li>▪ Master Test Plan</li> <li>▪ Draft IT Security Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Factory Acceptance Test Report</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Installation Plan</li> <li>▪ Released for Installation Drawings</li> <li>▪ Shop Drawings</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 550 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
C7. Testing Readiness – SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Commissioning Test Procedures</li> <li>▪ Operational Test Procedures</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 610 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
C8. Installation and Testing Completion and Toll Readiness – SR 520 System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Commissioning Test Report</li> <li>▪ Operational Test Report</li> <li>▪ Site Acceptance Test Report</li> <li>▪ Operational Verification Test Procedures</li> <li>▪ Final IT Security Plan</li> <li>▪ Traffic Management Plan (TMP) for Maintenance and Operations</li> <li>▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations</li> <li>▪ Maintenance Of Traffic Plans for Maintenance and Operations</li> <li>▪ Maintenance and Operations Manual</li> <li>▪ Maintenance Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Toll Commencement</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ As-Built Installation Drawings</li> <li>▪ As-Built SDD</li> <li>▪ Operational Verification Test Report</li> <li>▪ Documentation described in RFP Appendix 3, Section 3.9</li> </ul>	To be completed by Vendor – expressed in Calendar days after Toll Commencement. 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

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 the  
3 payment amounts for Project Management, Preliminary Design, Final Design, and Factory Acceptance Test Milestones  
4 shall be no more than 40 percent of the total installation Price identified in selected Vendor's Price Proposal. The sum of

1        *the payment amounts for Installation Readiness, Testing Readiness, Installation and Testing Completion, and Toll*  
 2        *Readiness Milestones shall be no more than 40 percent of the total installation Price identified in selected Vendor's Price*  
 3        *Proposal.*

4        **3.1.2. MAINTENANCE AND OPERATIONS OF SR 520 REPLACEMENT BRIDGE**  
 5        **TOLL SYSTEM (SYSTEM C)**

6        The Price Proposal for Maintenance and Operations shall provide a fixed monthly Price by year  
 7        for the Maintenance and Operations of the SR 520 Replacement Bridge Toll System as specified  
 8        in the requirements of the RFP. The monthly Price shall include all Services, repair or  
 9        replacement of Products, spare parts, travel, lodging, and related expenses. The Price offered  
 10       shall be presented in the following format:

<b>Monthly Pricing by Year for Maintenance and Operations</b>			
	<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 Maintenance and Operations			\$ _____

11       The Price Proposal for the Maintenance and Operations Work shall also provide a fixed annual  
 12       Price for the annual performance audit of the SR 520 Replacement Bridge as specified in the  
 13       requirements of the RFP. The annual Price shall include all services, equipment, travel, lodging,  
 14       and related expenses. The Price offered shall be presented in the following format:

<p><b>Annual Pricing for Annual Performance Audit</b></p> <p style="margin-top: 20px;"><u>Annual Price</u></p>
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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 design, installation and testing)  
 6 + Total Price for 10 years of Maintenance and Operations  
 7 + Total Price for 9 years of Annual Performance Audit  
 8 = Total Life-cycle Price Proposal

<b>Total Life-cycle Price Proposal</b>
Total Life-cycle Price Proposal: \$ _____

9 **3.1.4. SHARED MAINTENANCE TRANSITION FOR SR 520 REPLACEMENT**  
 10 **BRIDGE TOLL SYSTEM (SYSTEM C)**

11 The Contract terms allow WSDOT, at its sole discretion, to amend the Contract to implement a  
 12 Shared Maintenance arrangement. A Shared Maintenance transition payment shall facilitate the  
 13 transition process through the development of a transition plan, training of WSDOT maintenance  
 14 personnel, and the creation of an Amendment to the Contract. WSDOT will set the date of a  
 15 transition, if any, at least 180 Calendar Days in advance of the transition Milestone.

16 In the event of implementing Shared Maintenance, the transition shall follow the requirements in  
 17 Appendix 5, including, but not limited to, the following deliverables:

- 18 • Transition Plan

- 1 • Maintenance Records
- 2 • Shared Maintenance Plan
- 3 • Shared Operations Manual
- 4 • Training

5 The Vendor shall provide a Price for Shared Maintenance transition. For the purposes of  
 6 proposing Prices for this Work, the Vendor shall assume the transition occurs one year after  
 7 System Acceptance. In the event the transition date is set later than one year after System  
 8 Acceptance, WSDOT will determine the escalated Price by multiplying the proposed Price by a  
 9 Composite Escalation Index described herein.

<b>Shared Maintenance Transition Price</b>
Shared Maintenance Transition Price \$ _____ Proposal:

10

11 **3.2. TACOMA NARROWS BRIDGE TOLL SYSTEM (SYSTEM D)**

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

14 The Price Proposal for the design, installation and testing Work shall provide a single total  
 15 installation Price (for design, installation and testing) of the Tacoma Narrows Bridge Toll System  
 16 as specified in the requirements of the RFP in support of WSDOT’s Toll Commencement. The  
 17 Price entered in the following total installation Price table shall equal the total of all Milestone  
 18 payments entered in Toll System Payment Milestones table, up to and including the System  
 19 Acceptance Milestone. The Price for Shared Maintenance shall not be included in the total  
 20 installation Price:

<b>Total Installation Price (for Design, Installation &amp; Testing)</b>
Total Installation Price: \$ _____

21

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
D1. Project Management – TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Project Management Plan</li> <li>▪ Quality Management Plan</li> <li>▪ Initial Project Schedule</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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

<b>Milestone</b>	<b>Qualifying Event</b>	<b>Guaranteed Date</b>	<b>Payment Amount*</b>
D2. Preliminary Design Document–TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Preliminary Design Document</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Software Development Plan</li> <li>▪ Preliminary Installation Drawings</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ System Design Document (SDD)</li> <li>▪ Master Test Plan</li> <li>▪ Draft IT Security Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Factory Acceptance Test Report</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 270 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
D6. Installation Readiness – TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Installation Plan</li> <li>▪ Released for Installation Drawings</li> <li>▪ Shop Drawings</li> <li>▪ Traffic Management Plan (TMP)</li> <li>▪ Traffic Incident Management Plan (TIMP)</li> <li>▪ Maintenance Of Traffic Plans</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 330 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
D7. Testing Readiness – TNB System	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Commissioning Test Procedures</li> <li>▪ Operational Test Procedures</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Commissioning Test Report</li> <li>▪ Operational Test Report</li> <li>▪ Site Acceptance Test Report</li> <li>▪ Operational Verification Test Procedures</li> <li>▪ Final IT Security Plan</li> <li>▪ Maintenance and Operations Manual</li> <li>▪ Maintenance Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Toll Commencement</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ As-Built Installation Drawings</li> <li>▪ As-Built SDD</li> <li>▪ Operational Verification Test Report</li> <li>▪ Documentation described in RFP Appendix 3, Section 3.9</li> </ul>	To be completed by Vendor – expressed in Calendar days after Toll Commencement. 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

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.

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

The Price Proposal for Maintenance and Operations shall provide a fixed monthly Price by year for the Maintenance and Operations 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:

<b>Monthly Pricing by Year for Maintenance and Operations</b>			
	<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 Maintenance and Operations			\$ _____

The Price Proposal for the Maintenance and Operations Work shall also provide a fixed annual Price for the annual performance audit of the Tacoma Narrows Bridge Toll 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:

<b>Annual Pricing for Annual Performance Audit</b>	
	<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	\$ _____

1

2 **3.2.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR TACOMA NARROWS BRIDGE**  
 3 **TOLL SYSTEM (SYSTEM D)**

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

- 5 Total Installation Price (for design, installation and testing)  
 6 + Total Price for 10 years of Maintenance and Operations  
 7 + Total Price for 9 years of Annual Performance Audit  
 8 = Total Life-cycle Price Proposal

<b>Total Life-cycle Price Proposal</b>
Total Life-cycle Price Proposal: \$ _____

9 **3.2.4. SHARED MAINTENANCE TRANSITION FOR TACOMA NARROWS BRIDGE**  
 10 **TOLL SYSTEM (SYSTEM D)**

11 The Contract terms allow WSDOT, at its sole discretion, to amend the Contract to implement a  
 12 Shared Maintenance arrangement. A Shared Maintenance transition payment shall facilitate the  
 13 transition process through the development of a transition plan, training of WSDOT maintenance  
 14 personnel, and the creation of an Amendment to the Contract. WSDOT will set the date of a  
 15 transition, if any, at least 180 Calendar Days in advance of the transition Milestone.

16 In the event of implementing Shared Maintenance, the transition shall follow the requirements in  
 17 Appendix 5, including, but not limited to, the following deliverables:

- 18 • Transition Plan  
 19 • Maintenance Records  
 20 • Shared Maintenance Plan  
 21 • Shared Operations Manual  
 22 • Training

1 The Vendor shall provide a Price for Shared Maintenance transition. For the purposes of  
 2 proposing Prices for this Work, the Vendor shall assume the transition occurs one year after  
 3 System Acceptance. In the event the transition date is set later than one year after System  
 4 Acceptance, WSDOT will determine the escalated Price by multiplying the proposed Price by a  
 5 Composite Escalation Index described herein.

<b>Shared Maintenance Transition Price</b>	
Shared Maintenance Transition Price	\$ _____
Proposal:	

6

7 **3.3. ADDITIONAL ROADWAY TOLL SYSTEM I (SYSTEM E/F)**

8 **3.3.1. DESIGN, INSTALLATION AND TESTING ADDITIONAL ROADWAY TOLL**  
 9 **SYSTEM I (SYSTEM E/F)**

10 The Price Proposal for the design, installation and testing Work shall provide a single total  
 11 installation Price (for design, installation and testing) of the Additional Roadway Toll System I as  
 12 specified in the requirements of the RFP in support of WSDOT’s Toll Commencement. The Price  
 13 entered in the following total installation Price table shall equal the total of all Milestone payments  
 14 entered in Toll System Payment Milestones table, up to and including the System Acceptance  
 15 Milestone. The Price for Shared Maintenance shall not be included in the total installation Price:

<b>Total Installation Price (for Design, Installation &amp; Testing)</b>	
Total Installation Price:	\$ _____

16

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"> <li>▪ Project Management Plan</li> <li>▪ Quality Management Plan</li> <li>▪ Initial Project Schedule</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Preliminary Design Document</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Software Development Plan</li> <li>▪ Preliminary Installation Drawings</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ System Design Document (SDD)</li> <li>▪ Master Test Plan</li> <li>▪ Draft IT Security Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Factory Acceptance Test Report</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Installation Plan</li> <li>▪ Released for Installation Drawings</li> <li>▪ Shop Drawings</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Commissioning Test Procedures</li> <li>▪ Operational Test Procedures</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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*
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"> <li>▪ Commissioning Test Report</li> <li>▪ Operational Test Report</li> <li>▪ Site Acceptance Test Report</li> <li>▪ Operational Verification Test Procedures</li> <li>▪ Final IT Security Plan</li> <li>▪ Traffic Management Plan (TMP) for Maintenance and Operations</li> <li>▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations</li> <li>▪ Maintenance Of Traffic Plans for Maintenance and Operations</li> <li>▪ Maintenance and Operations Manual</li> <li>▪ Maintenance Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Toll Commencement</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 730 Calendar Days after Notice to Proceed	N/A
E/F(I)10. System Acceptance- System E/F(I)	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ As-Built Installation Drawings</li> <li>▪ As-Built SDD</li> <li>▪ Operational Verification Test Report</li> <li>▪ Documentation described in RFP Appendix 3, Section 3.9</li> </ul>	To be completed by Vendor – expressed in Calendar days after Toll Commencement. Shall be no later than 30 Calendar Days after Toll Commencement	No less than 20 percent of the total installation Price identified in selected Vendor's Price Proposal

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 the  
 3 payment amounts for Project Management, Preliminary Design, Final Design, and Factory Acceptance Test Milestones  
 4 shall be no more than 40 percent of the total installation Price identified in selected Vendor's Price Proposal. The sum of  
 5 the payment amounts for Installation Readiness, Testing Readiness, Installation and Testing Completion, and Toll  
 6 Readiness Milestones shall be no more than 40 percent of the total installation Price identified in selected Vendor's Price  
 7 Proposal.

### 8 3.3.2. MAINTENANCE AND OPERATIONS OF ADDITIONAL ROADWAY TOLL 9 SYSTEM I (SYSTEM E/F)

10 The Price Proposal for Maintenance and Operations shall provide a fixed monthly Price by year  
 11 for the Maintenance and Operations of the Additional Roadway Toll System I as specified in  
 12 the requirements of the RFP. The monthly Price shall include all Services, repair or replacement

1 of Products, spare parts, travel, lodging, and related expenses. The Price offered shall be  
 2 presented in the following format:

<b>Monthly Pricing by Year for Maintenance and Operations</b>			
	<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 Maintenance and Operations			\$ _____

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

<b>Annual Pricing for Annual Performance Audit</b>	
	<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	\$ _____

1

2 **3.3.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR ADDITIONAL ROADWAY**  
 3 **TOLL SYSTEM I (SYSTEM E/F)**

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

- 5 Total Installation Price (for design, installation and testing)  
 6 + Total Price for 10 years of Maintenance and Operations  
 7 + Total Price for 9 years of Annual Performance Audit  
 8 = Total Life-cycle Price Proposal

<b>Total Life-cycle Price Proposal</b>
Total Life-cycle Price Proposal: \$ _____

9 **3.3.4. SHARED MAINTENANCE TRANSITION FOR ADDITIONAL ROADWAY TOLL**  
 10 **SYSTEM I (SYSTEM E/F)**

11 The Contract terms allow WSDOT, at its sole discretion, to amend the Contract to implement a  
 12 Shared Maintenance arrangement. A Shared Maintenance transition payment shall facilitate the  
 13 transition process through the development of a transition plan, training of WSDOT maintenance  
 14 personnel, and the creation of an Amendment to the Contract. WSDOT will set the date of a  
 15 transition, if any, at least 180 Calendar Days in advance of the transition Milestone.

16 In the event of implementing Shared Maintenance, the transition shall follow the requirements in  
 17 Appendix 5, including, but not limited to, the following deliverables:

- 18 • Transition Plan  
 19 • Maintenance Records  
 20 • Shared Maintenance Plan  
 21 • Shared Operations Manual  
 22 • Training

23 The Vendor shall provide a Price for Shared Maintenance transition. For the purposes of  
 24 proposing Prices for this Work, the Vendor shall assume the transition occurs one year after  
 25 System Acceptance. In the event the transition date is set later than one year after System  
 26 Acceptance, WSDOT will determine the escalated Price by multiplying the proposed Price by a  
 27 Composite Escalation Index described herein.

<b>Shared Maintenance Transition Price</b>
--

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

1

2 **3.4. ADDITIONAL ROADWAY TOLL SYSTEM II (SYSTEM E/F)**

3 **3.4.1. DESIGN, INSTALLATION AND TESTING ADDITIONAL ROADWAY TOLL**  
 4 **SYSTEM II (SYSTEM E/F)**

5 The Price Proposal for the design, installation and testing Work shall provide a single total  
 6 installation Price (for design, installation and testing) of the Additional Roadway Toll System II as  
 7 as specified in the requirements of the RFP in support of WSDOT’s Toll Commencement. The Price  
 8 entered in the following total installation Price table shall equal the total of all Milestone payments  
 9 entered in Toll System Payment Milestones table, up to and including the System Acceptance  
 10 Milestone. The Price for Shared Maintenance shall not be included in the total installation Price:

<b>Total Installation Price (for Design, Installation &amp; Testing)</b>	
Total Installation Price:	\$ _____

11

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"> <li>▪ Project Management Plan</li> <li>▪ Quality Management Plan</li> <li>▪ Initial Project Schedule</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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(II)2. Preliminary Design Document– System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ Preliminary Design Document</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Software Development Plan</li> <li>▪ Preliminary Installation Drawings</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 210 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(II)4. Final Design – System E/F(II)	<ul style="list-style-type: none"> <li>▪ System Design Document (SDD)</li> <li>▪ Master Test Plan</li> <li>▪ Draft IT Security Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Factory Acceptance Test Report</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Installation Plan</li> <li>▪ Released for Installation Drawings</li> <li>▪ Shop Drawings</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Commissioning Test Procedures</li> <li>▪ Operational Test Procedures</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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*
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"> <li>▪ Commissioning Test Report</li> <li>▪ Operational Test Report</li> <li>▪ Site Acceptance Test Report</li> <li>▪ Operational Verification Test Procedures</li> <li>▪ Final IT Security Plan</li> <li>▪ Traffic Management Plan (TMP) for Maintenance and Operations</li> <li>▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations</li> <li>▪ Maintenance Of Traffic Plans for Maintenance and Operations</li> <li>▪ Maintenance and Operations Manual</li> <li>▪ Maintenance Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Toll Commencement</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 730 Calendar Days after Notice to Proceed	N/A
E/F(II)10. System Acceptance- System E/F(II)	WSDOT approval of the following: <ul style="list-style-type: none"> <li>▪ As-Built Installation Drawings</li> <li>▪ As-Built SDD</li> <li>▪ Operational Verification Test Report</li> <li>▪ Documentation described in RFP Appendix 3, Section 3.9</li> </ul>	To be completed by Vendor – expressed in Calendar days after Toll Commencement. Shall be no later than 30 Calendar Days after Toll Commencement	No less than 20 percent of the total installation Price identified in selected Vendor's Price Proposal

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

The Price Proposal for Maintenance and Operations shall provide a fixed monthly Price by year for the Maintenance and Operations 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

1 Products, spare parts, travel, lodging, and related expenses. The Price offered shall be presented  
 2 in the following format:

<b>Monthly Pricing by Year for Maintenance and Operations</b>			
	<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 Maintenance and Operations			\$ _____

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

<b>Annual Pricing for Annual Performance Audit</b>	
	<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	\$ _____

1

2 **3.4.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR ADDITIONAL ROADWAY**  
 3 **TOLL SYSTEM II (SYSTEM E/F)**

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

- 5 Total Installation Price (for design, installation and testing)  
 6 + Total Price for 10 years of Maintenance and Operations  
 7 + Total Price for 9 years of Annual Performance Audit  
 8 = Total Life-cycle Price Proposal

<b>Total Life-cycle Price Proposal</b>
Total Life-cycle Price Proposal: \$ _____

9 **3.4.4. SHARED MAINTENANCE TRANSITION FOR ADDITIONAL ROADWAY TOLL**  
 10 **SYSTEM II (SYSTEM E/F)**

11 The Contract terms allow WSDOT, at its sole discretion, to amend the Contract to implement a  
 12 Shared Maintenance arrangement. A Shared Maintenance transition payment shall facilitate the  
 13 transition process through the development of a transition plan, training of WSDOT maintenance  
 14 personnel, and the creation of an Amendment to the Contract. WSDOT will set the date of a  
 15 transition, if any, at least 180 Calendar Days in advance of the transition Milestone.

16 In the event of implementing Shared Maintenance, the transition shall follow the requirements in  
 17 Appendix 5, including, but not limited to, the following deliverables:

- 18 • Transition Plan  
 19 • Maintenance Records  
 20 • Shared Maintenance Plan  
 21 • Shared Operations Manual  
 22 • Training

23 The Vendor shall provide a Price for Shared Maintenance transition. For the purposes of  
 24 proposing Prices for this Work, the Vendor shall assume the transition occurs one year after  
 25 System Acceptance. In the event the transition date is set later than one year after System  
 26 Acceptance, WSDOT will determine the escalated Price by multiplying the proposed Price by a  
 27 Composite Escalation Index described herein.

<b>Shared Maintenance Transition Price</b>
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Shared Maintenance Transition Price \$ _____ Proposal:
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**3.5. ADDITIONAL ROADWAY TOLL SYSTEM III (SYSTEM E/F)**

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

The Price Proposal for the design, installation and testing Work shall provide a single total installation Price (for design, installation and testing) of the Additional Roadway Toll System III as specified in the requirements of the RFP in support of WSDOT’s Toll Commencement. The Price entered in the following total installation Price table shall equal the total of all Milestone payments entered in Toll System Payment Milestones table, up to and including the System Acceptance Milestone. The Price for Shared Maintenance shall not be included in the total installation Price:

<b>Total Installation Price (for Design, Installation &amp; Testing)</b>	
Total Installation Price:	\$ _____

11

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"> <li>▪ Project Management Plan</li> <li>▪ Quality Management Plan</li> <li>▪ Initial Project Schedule</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Preliminary Design Document</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Software Development Plan</li> <li>▪ Preliminary Installation Drawings</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 210 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor

Milestone	Qualifying Event	Guaranteed Date	Payment Amount*
E/F(III)4. Final Design – System E/F(III)	<ul style="list-style-type: none"> <li>▪ System Design Document (SDD)</li> <li>▪ Master Test Plan</li> <li>▪ Draft IT Security Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Factory Acceptance Test Report</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Installation Plan</li> <li>▪ Released for Installation Drawings</li> <li>▪ Shop Drawings</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ Commissioning Test Procedures</li> <li>▪ Operational Test Procedures</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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*
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"> <li>▪ Commissioning Test Report</li> <li>▪ Operational Test Report</li> <li>▪ Site Acceptance Test Report</li> <li>▪ Operational Verification Test Procedures</li> <li>▪ Final IT Security Plan</li> <li>▪ Traffic Management Plan (TMP) for Maintenance and Operations</li> <li>▪ Traffic Incident Management Plan (TIMP) for Maintenance and Operations</li> <li>▪ Maintenance Of Traffic Plans for Maintenance and Operations</li> <li>▪ Maintenance and Operations Manual</li> <li>▪ Maintenance Plan</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. Shall be no later than 730 Calendar Days after Notice to Proceed	A single amount to be completed by Vendor
E/F(III)9. Toll Commencement- System E/F(III)	<ul style="list-style-type: none"> <li>▪ Toll Commencement</li> </ul>	To be completed by Vendor – expressed in Calendar days after Notice to Proceed. 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"> <li>▪ As-Built Installation Drawings</li> <li>▪ As-Built SDD</li> <li>▪ Operational Verification Test Report</li> <li>▪ Documentation described in RFP Appendix 3, Section 3.9</li> </ul>	To be completed by Vendor – expressed in Calendar days after Toll Commencement. Shall be no later than 730 Calendar Days after Toll Commencement	No less than 20 percent of the total installation Price identified in selected Vendor's Price Proposal

\* 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.

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

The Price Proposal for Maintenance and Operations shall provide a fixed monthly Price by year for the Maintenance and Operations of the Additional Roadway Toll System III as specified in the requirements of the RFP. The monthly Price shall include all Services, repair or replacement

1 of Products, spare parts, travel, lodging, and related expenses. The Price offered shall be  
 2 presented in the following format:

<b>Monthly Pricing by Year for Maintenance and Operations</b>			
	<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 Maintenance and Operations			\$ _____

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

7

<b>Annual Pricing for Annual Performance Audit</b>	
	<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	\$ _____

1

2 **3.5.3. TOTAL LIFE-CYCLE PRICE PROPOSAL FOR ADDITIONAL ROADWAY**  
 3 **TOLL SYSTEM III (SYSTEM E/F)**

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

- 5 Total Installation Price (for design, installation, and testing)  
 6 + Total Price for 10 years of Maintenance and Operations  
 7 + Total Price for 9 years of Annual Performance Audit  
 8 = Total Life-cycle Price Proposal

<b>Total Life-cycle Price Proposal</b>
Total Life-cycle Price Proposal: \$ _____

9 **3.5.4. SHARED MAINTENANCE TRANSITION FOR ADDITIONAL ROADWAY TOLL**  
 10 **SYSTEM III (SYSTEM E/F)**

11 The Contract terms allow WSDOT, at its sole discretion, to amend the Contract to implement a  
 12 Shared Maintenance arrangement. A Shared Maintenance transition payment shall facilitate the  
 13 transition process through the development of a transition plan, training of WSDOT maintenance  
 14 personnel, and the creation of an Amendment to the Contract. WSDOT will set the date of a  
 15 transition, if any, at least 180 Calendar Days in advance of the transition Milestone.

16 In the event of implementing Shared Maintenance, the transition shall follow the requirements in  
 17 Appendix 5, including, but not limited to, the following deliverables:

- 18 • Transition Plan  
 19 • Maintenance Records  
 20 • Shared Maintenance Plan  
 21 • Shared Operations Manual  
 22 • Training

23 The Vendor shall provide a Price for Shared Maintenance transition. For the purposes of  
 24 proposing Prices for this Work, the Vendor shall assume the transition occurs one year after  
 25 System Acceptance. In the event the transition date is set later than one year after System  
 26 Acceptance, WSDOT will determine the escalated Price by multiplying the proposed Price by a  
 27 Composite Escalation Index described herein.

<b>Shared Maintenance Transition Price</b>	
Shared Maintenance Transition Price	\$ _____
Proposal:	

1

2 **4. Price Escalation**

3 At the time WSDOT decides to proceed with an Additional Roadway Toll Systems, WSDOT will  
 4 determine the escalated total design, installation and testing Price with the following procedure.  
 5 This procedure may also be used to determine the escalated Price if a System schedule is delayed  
 6 by WSDOT. The Price escalation procedure will multiply the Prices above by a composite  
 7 escalation index determined from the following two indices:

- 8 • The Consumer Price Index (CPI) for Urban Wage Earners and Clerical Workers for the  
 9 Seattle-Tacoma-Bremerton metropolitan area (“all items”) as published by the U.S.  
 10 Department of Labor, Bureau of Labor Statistics.
- 11 • The Producer Price Index (PPI) for Commodity Data, which shall be a equal weighting  
 12 (50 percent-50 percent) of the Electrical Machinery and Equipment Index (WPU 117)  
 13 and the Metals and Metal Products Index (WPU 10), as published by the U.S. Bureau of  
 14 Labor Statistics.

15 The composite escalation index calculation will be made using the formula below:

$$(CPI \times 0.5) + ((WPU117 \times 0.25) + (WPU10 \times 0.25)) = CompositeEscalationIndex$$

16  
 17 The following example applying the above composite escalation index computation methodology  
 18 to a hypothetical situation is provided for illustrative purposes only:

19 **EXAMPLE**

20 Using a sample Price as an example, the Vendor may propose the following original total design,  
 21 installation and testing Price:

<b>Stage 1: Total Design, Installation &amp; Testing Price</b>	
Additional Roadway Toll System III	
Total Installation Price:	\$ 1,500,000

22

23 Assuming WSDOT notified the Vendor that construction on Additional Roadway Toll System III  
 24 would be initiated in November 2014; the Vendor may propose the following calculations of the  
 25 escalated Price:

<i>Index</i>	<i>Description</i>	<i>Start Date January 2012</i>	<i>End Date November 2014</i>	<i>Escalation Index End/Start</i>
<b>CPI</b>	Labor (Seattle-Tacoma-Bremerton)	196.3	211.7	1.078
<b>WPU 117</b>	Machinery and Equipment	112.2	119.1	1.061

<b>WPU 10</b>	Metals and Metal products	168.6	205.4	1.218
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$$(1.078 \times 0.5) + ((1.061 \times 0.25) + (1.218 \times 0.25)) = \textit{CompositeEscalationIndex}$$

3

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

4

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

5

6

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

7

End of Appendix