

CONTRACT #3
RFS # 331.11-00209
FA # 09-2653
Edison # 2330

Department of Education

VENDOR:
Measurement Incorporated



STATE OF TENNESSEE
DEPARTMENT OF EDUCATION

9th FLOOR, ANDREW JOHNSON TOWER
710 JAMES ROBERTSON PARKWAY
NASHVILLE, TN 37243-0375

BILL HASLAM
GOVERNOR

KEVIN HUFFMAN
COMMISSIONER

TO: Lucien Guise, Executive Director, Fiscal Review Committee

FROM: Kevin Huffman, Commissioner

DATE: August 8, 2013

RE: Request to appear before fiscal review committee regarding non-competitive contract request RFS # 33111-00209

Please consider the enclosed request for non-competitive amendment to the contract with Measurement Incorporated. The contract provides the state writing, constructed response and portfolio assessments. This amendment will allow for the following:

- (1) Extension of an additional year in preparation for transition into assessments based on state board approved curriculum standards with more rigor and performance based items.
- (2) Revision of Section A.2 to allow for additional grades to be tested in both writing and constructed response to allow for more rigorous measurement of instruction in reading language arts and math. Also the addition of a statewide dual assessment program as required by T.C.A. 49.15.106.
- (3) Revision of Section A.3 to update hyperlinks and expand the definitions of the WA and CRA tests to allow for grades as specified by the state and the inclusion of the statewide dual credit tests.
- (4) Revision of Section A.5 to clarify the general assessment services with the possible addition of grades to the writing and constructed response assessments and the inclusion of the statewide dual credit tests.
- (5) Revision of Section A.7.c to include any materials associated with this contract for the new curriculum and professional development materials.
- (6) Inclusion of training meetings and materials to provide teachers with professional development on the state board approved curriculum standards. Section A.11.b of the original contract included introductory meetings and materials, the initial pricing did not actually include the cost of meetings. This amendment will include meeting costs as well as additional curriculum and professional development materials for educators.
- (7) Inclusion of writing test booklets. Section A.11.e of the original contract included a one page writing prompt, with the expansion of the writing program to be text based passages that include multiple passages for review and comparison, the assessment has expanded from a single sheet of paper to a multi-page test booklet. Pricing was based upon the RFP pricing of the CRA test booklet.
- (8) Inclusion of General Assessment Services clause to the scope of services to allow for compliance with Race to the Top and any other federally or state mandated rules, policies or laws.

Measurement has provided services to the department through this contract since September 2008. This is the third contract for these services with Measurement. This amendment utilizes existing contract line item pricing with additional hours or units provided to assessment deliverables. In preparing for this amendment and reviewing the contract audit (attached to the supplement form) other line items were decreased or zeroed out based on previous usage and/or future plans. For example, the department is transitioning to online testing eliminating the need for large quantities of paper documents.

The state worked closely with the contractor to determine the quantities needed to provide the services for this year. This will allow for teachers and administrators to use instructional resources related to more rigorous curriculum standards. Additionally, it provides an opportunity for students to have experience with online testing as we continue to become more technologically advanced in education.

Thank you for your consideration.

KH: dms

cc: Kristen McKeever, Director of Contracts
Deborah Malone Sauberer, Executive Director, Assessment Logistics



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DEPARTMENT OF EDUCATION
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BILL HASLAM
GOVERNOR

KEVIN HUFFMAN
COMMISSIONER

TO: Lucian Geise, Director, Fiscal Review Committee

FROM: Kevin Huffman, Commissioner 

DATE: July 26, 2013

RE: Request to appear before fiscal review committee regarding non-competitive contract request RFS # 33111-00209

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- (1) Extension of an additional year in preparation for transition into assessments based on state board approved curriculum standards with more rigor and performance based items.
- (2) Revision of Section A.2 to allow for additional grades to be tested in both writing and constructed response to allow for more rigorous measurement of instruction in reading language arts and math.
- (3) Revision of Section A.3 to update hyperlinks and expand the definitions of the WA and CRA tests to allow for grades as specified by the state.
- (4) Revision of Section A.5 to clarify the general assessment services with the possible addition of grades to the writing and constructed response assessments.
- (5) Revision of Section A.7.c to include any materials associated with this contract for the new curriculum and professional development materials.
- (6) Inclusion of training meetings and materials to provide teachers with professional development on the state board approved curriculum standards. Section A.11.b of the original contract included introductory meetings and materials, the initial pricing did not actually include the cost of meetings. This amendment will include meeting costs as well as additional curriculum and professional development materials for educators.
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- (8) Inclusion of General Assessment Services clause to the scope of services to allow for compliance with Race to the Top and any other federally or state mandated rules, policies or laws.

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The state worked closely with the contractor to determine the quantities needed to provide the services for this year. This will allow for teachers and administrators to use instructional resources related to

more rigorous curriculum standards. Additionally, it provides an opportunity for students to have experience with online testing as we continue to become more technologically advanced in education.

Thank you for your consideration.

KH: km

cc: Kristen McKeever, Director of Contracts
Deborah Malone Sauberer, Executive Director, Assessment Logistics

Supplemental Documentation Required for
Fiscal Review Committee

*Contact Name:	Deb Malone Sauberer		*Contact Phone:	532-6298	
*Original Contract Number:	FA092653		*Original RFS Number:	331.11.002.09	
Edison Contract Number: <i>(if applicable)</i>	2330		Edison RFS Number: <i>(if applicable)</i>		
*Original Contract Begin Date:	September 30, 2008		*Current End Date:	September 25, 2013	
Current Request Amendment Number: <i>(if applicable)</i>			1		
Proposed Amendment Effective Date: <i>(if applicable)</i>			September 25, 2013		
*Department Submitting:			Education		
*Division:			Assessment		
*Date Submitted:			July 26, 2013		
*Submitted Within Sixty (60) days:			Yes		
<i>If not, explain:</i>			N/A		
*Contract Vendor Name:			Measurement Incorporated		
*Current Maximum Liability:			\$25,740,312.75		
*Current Contract Allocation by Fiscal Year: <i>(as Shown on Most Current Fully Executed Contract Summary Sheet)</i>					
FY: 2009	FY: 2010	FY: 2011	FY: 2012	FY 2013	FY 2014
\$26,685,67.00	\$3,177,789.87	\$6,325,794.06	\$6,637,685.11	\$6,812,556.71	\$117,920.00
*Current Total Expenditures by Fiscal Year of Contract: <i>(attach backup documentation from STARS or FDAS report)</i>					
FY: 2009	FY: 2010	FY: 2011	FY: 2012	FY 2013	FY 2014
\$1,566,411.12	\$326,958.06	\$2,914,501.12	\$5,085,280.18	\$13,788,898.34	\$0
IF Contract Allocation has been greater than Contract Expenditures, please give the reasons and explain where surplus funds were spent:			N/A		
IF surplus funds have been carried forward, please give the reasons and provide the authority for the carry forward provision:			N/A		
IF Contract Expenditures exceeded Contract Allocation, please give the reasons and explain how funding was acquired to pay the overage:			N/A		
*Contract Funding Source/Amount:	State:	\$21,223,278.32	Federal:	\$4,517,034.43	
Interdepartmental:	0		Other:	0	
If "other" please define:			N/A		
Dates of All Previous Amendments or Revisions: <i>(if applicable)</i>			Brief Description of Actions in Previous Amendments or Revisions: <i>(if applicable)</i>		

Supplemental Documentation Required for
Fiscal Review Committee

N/A	
Method of Original Award: <i>(if applicable)</i>	RFP
*What were the projected costs of the service for the entire term of the contract prior to contract award?	Approximately \$30M

Supplemental Documentation Required for Fiscal Review Committee

For all new non-competitive contracts and any contract amendment that changes Sections A or C.3. of the original or previously amended contract document, provide estimates based on information provided the Department by the vendor for determination of contract maximum liability. Add rows as necessary to provide all information requested.

If it is determined that the question is not applicable to your contract document attach detailed explanation as to why that determination was made.

Planned expenditures by fiscal year by deliverable. Add rows as necessary to indicate all estimated contract expenditures.

Deliverable description:	FY:	FY:	FY:	FY:	FY:
See attached contract audit					

Some quantities in the projected usage column have been modified to reflect both increases and decreases based on revisions to project scopes. These quantities are highlighted in lavender

Proposed savings to be realized per fiscal year by entering into this contract. If amendment to an existing contract, please indicate the proposed savings to be realized by the amendment. Add rows as necessary to define all potential savings per deliverable.

Deliverable description:	FY:	FY:	FY:	FY:	FY:
None					

Comparison of cost per fiscal year of obtaining this service through the proposed contract or amendment vs. other options. List other options available (including other vendors), cost of other options, and source of information for comparison of other options (e.g. catalog, Web site). Add rows as necessary to indicate price differentials between contract deliverables.

Proposed Vendor Cost: (name of vendor)	FY:	FY:	FY:	FY:	FY:

Original contract awarded through RFP – no other vendor submitted a proposal:

The original RFP cost proposal total maximum was:

Measurement Inc. \$81,625,651.40

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
5									
6	Annual Work Plan A.6.a								
7	TCAP/WA and MWA		Total Cost						
8	9/25/08 - 6/30/09	WA	\$33,147.00	2	\$66,294.00	1	\$5,000.0000	\$61,294.0000	WA1-2009
9	7/1/09 - 6/30/10	WA	\$34,428.00	1	\$34,428.00	1	\$5,000.0000	\$29,428.0000	WA1-2009/2010
10	7/1/10 - 6/30/11	WA	\$39,731.00	1	\$39,731.00	1	\$39,731.0000	\$0.0000	wa-2010 Pilot
11									
12	7/1/11 - 6/30/12	WA	\$41,268.00	1	\$41,268.00	2	\$80,999.0000	(\$39,731.0000)	
13						1	\$39,731.0000		wa2-2010
14						1	\$41,268.0000		wa2-2011
15									
16	7/1/12 - 6/30/13	WA	\$41,268.00	1	\$41,268.00	5	\$185,706.0000	(\$144,438.0000)	
17						1	\$41,268.0000		wapilot1-2012
18						1	\$41,268.0000		wa2-2012
19						1	\$41,268.0000		wapilot2-2012
20						0.500	\$20,634.0000		wa4-2012
21						1.000	\$41,268.0000		wa1-2013
22									
23	9/25/13 - 6/30/14	WA	\$44,635.47	1	\$44,635.47		\$0.0000	\$44,635.47	
24	9/25/13 - 6/30/14	CTE	\$13,390.64	1	\$13,390.64		\$0.0000	\$13,390.64	
25									
26	7/1/14 - 9/25/14	WA	\$46,420.89	0	\$0.00		\$0.0000	\$0.0000	
27	7/1/14 - 9/25/14	CTE	\$13,926.27	0	\$0.00		\$0.0000	\$0.0000	
28	TCAP/CRA		Total Cost						
29	9/25/08 - 6/30/09	CRA	\$51,097.00	1	\$51,097.00	0		\$51,097.0000	
30	7/1/09 - 6/30/10	CRA	\$53,141.00	1	\$53,141.00	0		\$53,141.0000	
31	7/1/10 - 6/30/11	CRA	\$55,267.00	1	\$55,267.00	1	\$53,141.0000	\$2,126.0000	CR1-2010
32	7/1/11 - 6/30/12	CRA	\$57,477.00	1	\$57,477.00	1	\$55,267.0000		CR1-2011
33									
34	7/1/12 - 6/30/13	CRA	\$57,477.00	1	\$57,477.00	3.500	\$201,169.5000	(\$143,692.5000)	
35						1.000	\$57,477.0000		cr1-2012
36						1.000	\$57,477.0000		cr2-2012
37						0.500	\$28,738.5000		cr4-2012
38						1.000	\$57,477.0000		cr1-2013
39									
40	9/25/13 - 6/30/14	CRA	\$62,167.12	1	\$62,167.12		\$0.0000	\$62,167.12	
41	7/1/14 - 9/25/14	CRA	\$64,653.80	0	\$0.00		\$0.0000	\$0.0000	
42	TCAP/PA		Total Cost						
43	9/25/08 - 6/30/09	PA	\$25,998.00	2	\$51,996.00	1	\$2,000.0000	\$49,996.0000	PA1-2009
44	7/1/09 - 6/30/10	PA	\$30,020.00	1	\$30,020.00	1	\$5,000.0000	\$25,020.0000	PA1-2009/2010
45	7/1/10 - 6/30/11	PA	\$31,201.00	1	\$31,201.00				
46	7/1/11 - 6/30/12	PA	\$32,428.00	1	\$32,428.00	2	\$63,629.0000	(\$31,201.0000)	
47						1	\$31,201.0000		PA3-2010
48						1	\$32,428.0000		pa2-2011
49	7/1/12 - 6/30/13	PA	\$32,428.00	1	\$32,428.00	2	\$64,856.0000	(\$32,428.0000)	
50						1	\$32,428.0000		PA3-2012
51						1	\$32,428.0000		pa4-2012
52	9/25/13 - 6/30/14	PA	\$33,725.12	1	\$33,725.12		\$0.0000	\$33,725.12	
53	7/1/14 - 9/25/14	PA	\$35,074.12	0	\$0.00		\$0.0000	\$0.0000	
54	A.7 Development Activities								
55	TCAP/CR Test Specifications (including item specs) A.7.d.i-ii		Total cost						
56	9/25/08 - 6/30/09	CRA	\$309,536.00	0	\$0.00		\$0.0000	\$0.0000	
57	7/1/09 - 6/30/10	CRA	\$257,534.00	1	\$257,534.00		\$0.0000	\$257,534.0000	
58	7/1/10 - 6/30/11	CRA	\$267,835.00	1	\$267,835.00	1	\$257,534.0000	\$10,301.0000	CR1-2010
59	7/1/11 - 6/30/12	CRA	\$278,549.00	1	\$278,549.00	1	\$267,835.0000	\$10,714.0000	CR1-2011
60									
61	7/1/12 - 6/30/13	CRA	\$289,691.00	1	\$289,691.00	1.962847	\$374,971.7500	(\$85,280.75)	
62						1	\$278,549.0000		cr1-2012
63						0.150	\$43,453.6500		cr-pilot 2012
64						0.030	\$8,690.7300		cr3-2012
65						0.700	\$20,278.3700		cr1-2013
66						0.082847	\$24,000.0000		cr2-2013
67									

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
68	9/25/13 - 6/30/14	WA	\$301,278.64	0.250	\$75,319.66		\$0.0000	\$75,319.66	
69	9/25/13 - 6/30/14	CRA	\$301,278.64	0.330	\$99,421.95		\$0.0000	\$99,421.9512	
70	9/25/13 - 6/30/14	CTE	\$1,944.00	4.000	\$7,776.00		\$0.0000	\$7,776.0000	
71									
72	7/1/14 - 9/25/14	WA	\$313,329.79	0	\$0.00		\$0.0000	\$0.00	
73	7/1/14 - 9/25/14	CRA	\$313,329.79	0	\$0.00		\$0.0000	\$0.0000	
74	7/1/14 - 9/25/14	CTE	\$2,021.76	0	\$0.00		\$0.0000	\$0.0000	
75	CR Item Writing Committee A.7.d.iii(g)(v)		Cost per meeting/task						
76	9/25/08 - 6/30/09	CRA	\$9,310.00	0	\$0.00		\$0.0000	\$0.0000	
77	7/1/09 - 6/30/10	CRA	\$9,682.00	5	\$48,410.00	1	\$9,682.0000	\$38,728.0000	CR1-2009/2010
78	7/1/10 - 6/30/11	CRA	\$10,070.00	8	\$80,560.00	12	\$119,288.0000	(\$38,728.0000)	
79						4	\$38,728.0000		CR1-2010
80						8	\$80,560.0000		cr4-2010
81									
82	7/1/11 - 6/30/12	CRA	\$10,472.00	5	\$52,360.00	5	\$52,360.0000	\$0.0000	cr2-2011
83	7/1/11 - 6/30/12	CRA				5	\$52,360.0000		cr2-2011
84	7/1/11 - 6/30/12	WA				3	\$31,416.0000		wapilot2-2011
85									
86	7/1/12 - 6/30/13	CRA	\$10,891.00	5	\$54,455.00		\$0.0000	\$54,455.0000	
87									
88	9/25/13 - 6/30/14	WA	\$5,468.40	25	\$136,710.00		\$0.0000	\$136,710.00	
89	9/25/13 - 6/30/14	CRA	\$5,468.40	60	\$328,104.00		\$0.0000	\$328,104.0000	
90									
91	7/1/14 - 9/25/14	WA	\$5,687.14	0	\$0.00		\$0.0000	\$0.00	
92	7/1/14 - 9/25/14	CRA	\$5,687.14	0	\$0.00		\$0.0000	\$0.0000	
93	CR Item Content/Bias Review A.7.d.iii(g)(vii)		Cost per meeting/day						
94	9/25/08 - 6/30/09	CRA	\$13,138.00	0	\$0.00		\$0.0000	\$0.0000	
95	7/1/09 - 6/30/10	CRA	\$13,664.00	5	\$68,320.00	0	\$0.0000	\$68,320.0000	
96	7/1/10 - 6/30/11	CRA	\$14,210.00	5	\$71,050.00	5	\$68,320.0000	\$2,730.0000	CR1-2010
97	7/1/11 - 6/30/12	CRA	\$14,778.00	5	\$73,890.00	8	\$113,680.0000	(\$39,790.0000)	CR1-2011
98	7/1/12 - 6/30/13	CRA	\$15,370.00	5	\$76,850.00	6	\$88,668.0000	(\$11,818.0000)	cr1-2012
99									
100	9/25/13 - 6/30/14	WA	\$1,150.00	68	\$78,200.00		\$0.0000	\$78,200.00	
101	9/25/13 - 6/30/14	CRA	\$1,150.00	24	\$27,600.00		\$0.0000	\$27,600.00	
102									
103	7/1/14 - 9/25/14	WA	\$1,196.00	0	\$0.00		\$0.0000	\$0.0000	
104	7/1/14 - 9/25/14	CRA	\$1,196.00	0	\$0.00		\$0.0000	\$0.0000	
105	Special Development Studies A.7.d.iii(a)-(b)		Cost per hour						
106	9/25/08 - 6/30/09	WA	\$150.00	600	\$90,000.00	0	\$0.0000	\$90,000.0000	
107	7/1/09 - 6/30/10	WA	\$156.00	600	\$93,600.00	0	\$0.0000	\$93,600.0000	
108	7/1/10 - 6/30/11	WA	\$162.00	600	\$97,200.00	0	\$0.0000	\$97,200.0000	
109	7/1/11 - 6/30/12	WA	\$169.00	600	\$101,400.00	121	\$20,449.0000	\$80,951.0000	wapilot2-2011
110									
111	7/1/12 - 6/30/13	WA	\$175.00	600	\$105,000.00	335	\$56,615.0000		wapilot1-2012
112	7/1/12 - 6/30/13	WA				420	\$70,980.0000		wapilot2-2012
113	7/1/12 - 6/30/13	CRA				72	\$12,600.0000		cr4-2012
114									
115	9/25/13 - 6/30/14	WA	\$182.00	0	\$0.00		\$0.0000	\$0.0000	
116	9/25/13 - 6/30/14	CRA	\$182.00	300	\$54,600.00		\$0.0000	\$54,600.0000	
117									
118	7/1/14 - 9/25/14		\$189.28	0	\$0.00		\$0.0000	\$0.0000	
119	7/1/14 - 9/25/14	CRA	\$189.28	0	\$0.00		\$0.0000	\$0.0000	
120	A.8 Production Activities								
121	Prompt Selection Advisory Committee A.8.d		Cost per meeting						
122	9/25/08 - 6/30/09	WA	\$18,260.00	1	\$18,260.00	0	\$0.0000	\$18,260.0000	
123	7/1/09 - 6/30/10	WA	\$18,990.00	1	\$18,990.00	0	\$0.0000	\$18,990.0000	
124	7/1/10 - 6/30/11	WA	\$19,750.00	1	\$19,750.00	1	\$18,990.0000	\$760.0000	WA1-2010
125	7/1/11 - 6/30/12	WA	\$20,540.00	1	\$20,540.00		\$0.0000		
126	7/1/12 - 6/30/13	WA	\$21,362.00	1	\$21,362.00	4	\$82,160.0000	(\$60,798.0000)	wapilot1-2012
127	9/25/13 - 6/30/14	WA	\$22,216.48	0	\$0.00		\$0.0000	\$0.0000	
128	7/1/14 - 9/25/14	WA	\$23,105.14	0	\$0.00		\$0.0000	\$0.0000	
129	Alt-PA Advisory Committee A.8.d		Cost per meeting						

	A	B	C	D	E	F	G	H	I
4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
130	9/25/08 - 6/30/09	PA	\$18,260.00	1	\$18,260.00		\$0.0000	\$18,260.0000	
131	7/1/09 - 6/30/10	PA	\$18,990.00	1	\$18,990.00		\$0.0000	\$18,990.0000	
132	7/1/10 - 6/30/11	PA	\$19,750.00	1	\$19,750.00		\$0.0000	\$19,750.0000	
133	7/1/11 - 6/30/12	PA	\$20,540.00	1	\$20,540.00		\$0.0000	\$20,540.0000	
134	7/1/12 - 6/30/13	PA	\$21,362.00	1	\$21,362.00		\$0.0000	\$21,362.0000	
135	9/25/13 - 6/30/14	PA	\$22,216.48	1	\$22,216.48		\$0.0000	\$22,216.4800	
136	7/1/14 - 9/25/14	PA	\$23,105.14	0	\$0.00		\$0.0000	\$0.0000	
137	A.10 Psychometric Research and Technical Activities								
138	Research Studies A.10.a		Cost per hour						
139	9/25/08 - 6/30/09	WA	\$150.00	600	\$90,000.00		\$0.0000	\$90,000.0000	
140	7/1/09 - 6/30/10	WA	\$156.00	600	\$93,600.00		\$0.0000	\$93,600.0000	
141	7/1/10 - 6/30/11	WA	\$162.00	600	\$97,200.00		\$0.0000	\$97,200.0000	
142	7/1/11 - 6/30/12	WA	\$169.00	600	\$101,400.00		\$0.0000	\$101,400.0000	
143	7/1/12 - 6/30/13	WA	\$175.00	600	\$105,000.00		\$0.0000	\$105,000.0000	
144									
145	9/25/13 - 6/30/14	WA	\$182.00	300	\$54,600.00		\$0.0000	\$54,600.0000	
146	9/25/13 - 6/30/14	CRA	\$182.00	300	\$54,600.00		\$0.0000	\$54,600.0000	
147									
148	7/1/14 - 9/25/14	WA	\$189.28	0	\$0.00		\$0.0000	\$0.0000	
149	7/1/14 - 9/25/14	CRA	\$189.28	0	\$0.00		\$0.0000	\$0.0000	
150	Technical Advisory Committee A.10.g.ii		Cost per meeting						
151	9/25/08 - 6/30/09	WA	\$21,045.00	4	\$84,180.00		\$0.0000	\$84,180.0000	
152	7/1/09 - 6/30/10	WA	\$21,887.00	4	\$87,548.00		\$0.0000	\$87,548.0000	
153	7/1/10 - 6/30/11	WA	\$22,762.00	4	\$91,048.00		\$0.0000	\$91,048.0000	
154	7/1/11 - 6/30/12	WA	\$23,673.00	4	\$94,692.00		\$0.0000	\$94,692.0000	
155	7/1/12 - 6/30/13	CRA	\$24,620.00	4	\$98,480.00	1	\$23,673.0000	\$74,807.0000	cr1-2012
156	9/25/13 - 6/30/14	WA	\$25,604.80	1	\$25,604.80		\$0.0000	\$25,604.8000	
157	7/1/14 - 9/25/14	WA	\$26,628.99	0	\$0.00		\$0.0000	\$0.0000	
158	Technical Report A.10.j								
159	WAM/WA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)		Total cost (includes electronic version, CDs and hard copies)						
160	7/1/09 - 6/30/10	WA	\$26,887.00	1	\$26,887.00	0	\$0.00	\$26,887.00	
161									
162	7/1/10 - 6/30/11	WA	\$27,962.00	1	\$27,962.00	0	\$0.0000	\$27,962.0000	
163									
164	7/1/11 - 6/30/12	WA	\$29,081.00	1	\$29,081.00	2	\$55,924.0000	(\$26,843.0000)	
165						1	\$27,962.0000		WA1-2011
166						1	\$27,962.0000		wapilot1-2011
167									
168	7/1/12 - 6/30/13	WA	\$30,244.00	1	\$30,244.00	3	\$89,569.0000	(\$59,325.0000)	
169						1	\$29,081.0000		wa4-2011
170						1	\$30,244.0000		WA3-2012
171						1	\$30,244.0000		wa1-2013
172									
173	7/1/13 - 6/30/14	WA	\$31,454.00	1	\$31,454.00		\$0.0000	\$31,454.0000	
174	7/1/14 - 9/25/14	WA	\$32,712.16	1	\$32,712.16		\$0.0000	\$32,712.1600	
175	CRA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)		Total cost (includes electronic version, CDs and hard copies)						
176	7/1/09 - 6/30/10								
177	7/1/10 - 6/30/11	CRA	\$26,887.00	1	\$26,887.00	0	\$0.0000	\$26,887.0000	
178	7/1/11 - 6/30/12	CRA	\$27,962.00	1	\$27,962.00	1	\$29,081.0000	(\$1,119.0000)	CR1-2011
179	7/1/12 - 6/30/13	CRA	\$29,081.00	1	\$29,081.00	1	\$30,244.0000	(\$1,163.0000)	cr2-2012
180	7/1/13 - 6/30/14	CRA	\$30,244.00	1	\$30,244.00		\$0.0000	\$30,244.0000	
181	7/1/14 - 9/25/14	CRA	\$32,711.91	0	\$0.00		\$0.0000	\$0.0000	

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4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
182	PA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)		Total cost (includes electronic version, CDs and hard copies)						
183	7/1/09 - 6/30/10	PA	\$26,887.00	1	\$26,887.00	0	\$0.0000		
184	7/1/10 - 6/30/11	PA	\$27,962.00	1	\$27,962.00	1	\$26,887.0000		PA1-2010
185	7/1/11 - 6/30/12	PA	\$29,081.00	1	\$29,081.00	2	\$54,849.0000	(\$25,768.0000)	
186						1	\$26,887.0000		pa2-2010
187						1	\$27,962.0000		pa1-2011
188	7/1/12 - 6/30/13	PA	\$30,244.00	1	\$30,244.00	2	\$59,325.0000	\$1,163.0000	
189						1	\$29,081.0000		pa4-2011
190						1	\$30,244.0000		pa1-2013
191	7/1/13 - 6/30/14	PA	\$31,454.00	1	\$31,454.00		\$0.0000	\$31,454.0000	
192	7/1/14 - 9/25/14	PA	\$32,712.16	1	\$32,712.16		\$0.0000	\$32,712.1600	
193	Online Testing Pilot and Feasibility Study A.10.k		Total Cost						
194	7/1/10 - 6/30/11	WA	\$206,877.00	1	\$206,877.00	0	\$0.0000		
195	Introductory Training Materials for System Coordinators A.11.b.i								
196	WAM/WA (include electronic version)		Total Cost Per Set						
197	9/25/08 - 6/30/09		\$11.40	0	\$0.00		\$0.0000	\$0.0000	
198	CRA (include electronic version)		Total Cost Per Set						
199	7/1/09 - 6/30/10		\$11.86	0	\$0.00		\$0.0000	\$0.0000	
200	PA (include electronic version)		Total Cost Per Set						
201	9/25/08 - 6/30/09		\$11.40	0	\$0.00		\$0.0000	\$0.0000	
202	Introductory Training Materials for School Coordinators A.11.b.ii								
203	MWA (include electronic version)		Total Cost Per Set						
204	9/25/08 - 6/30/09		\$6.15	0	\$0.00		\$0.0000	\$0.0000	
205	CRA (include electronic version)		\$6.40						
206	7/1/09 - 6/30/10		\$6.40	0	\$0.00		\$0.0000	\$0.0000	
207	PA (include electronic version)		Total Cost Per Set						
208	9/25/08 - 6/30/09		\$6.15	0	\$0.00		\$0.0000	\$0.0000	
209	Training Meetings A.11.b.								
210	Writing/CRA/PA		Per course						
211	9/25/13 - 6/30/14	WA	\$4,715.00	117	\$551,655.00		\$0.0000	\$551,655.0000	
212	9/25/13 - 6/30/14	CRA	\$4,715.00	88	\$414,920.00		\$0.0000	\$414,920.0000	
213									
214	7/1/14 - 9/25/14	WA	\$4,903.60	0	\$0.00		\$0.0000	\$0.0000	
215	7/1/14 - 9/25/14	CRA	\$4,903.60	0	\$0.00		\$0.0000	\$0.0000	
216	Professional Development Materials A.11.b.iii		cost per module						
217	9/25/13 - 6/30/14	WA	\$2,300.00	137	\$315,100.00		\$0.0000	\$315,100.0000	
218	9/25/13 - 6/30/14	CRA	\$2,300.00	105	\$241,500.00		\$0.0000	\$241,500.0000	
219									
220	7/1/14 - 9/25/14	WA	\$2,392.00	0	\$0.00		\$0.0000	\$0.0000	
221	7/1/14 - 9/25/14	CRA	\$2,392.00	0	\$0.00		\$0.0000	\$0.0000	
222	Curriculum Materials A.11.b.iii		Cost per unit						
223	9/25/13 - 6/30/14	WA	\$43,125.00	18	\$776,250.00		\$0.0000	\$776,250.00	
224	9/25/13 - 6/30/14	CRA	\$13,800.00	24	\$331,200.00		\$0.0000	\$331,200.00	
225									
226	7/1/14 - 9/25/14	WA	\$44,850.00	0	\$0.00		\$0.0000	\$0.0000	
227	7/1/14 - 9/25/14	CRA	\$14,352.00	0	\$0.00		\$0.0000	\$0.0000	
228	Preparation Materials A.11.c								
229	On-line Samplers		Cost Per Grade Level		one per grade for ELA and each Literacy area				
230	WA/MWA On-Line Prompt Sampler								
231	9/25/08 - 6/30/09	WA	\$2,352.00	3	\$7,056.00	3	\$7,056.0000	\$0.0000	WA3-2009
232	7/1/10 - 6/30/11	WA	\$2,446.00	3	\$7,338.00	0	\$0.0000	\$7,338.0000	
233									
234	7/1/11 - 6/30/12	WA	\$2,544.00	3	\$7,632.00	6	\$14,970.0000	(\$7,338.0000)	
235						3	\$7,338.0000		wa2-2010
236						3	\$7,632.0000		wa2-2011
237									

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4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
238	7/1/12 - 6/30/13	WA	\$2,646.00	3	\$7,938.00	12	\$31,752.0000	(\$23,814.0000)	
239						3	\$7,938.0000		wa2-2012
240						9	\$23,814.0000		wapilot3-2012
241									
242	7/1/13 - 6/30/14	WA	\$2,752.00	0	\$0.00		\$0.0000	\$0.0000	
243	7/1/14 - 9/25/14	WA	\$2,862.08	0	\$0.00		\$0.0000	\$0.0000	
244	CRA On-Line Item Sampler		Cost Per Grade Level		one per grade for MA				
245	7/1/09 - 6/30/10	CRA	\$2,352.00	0	\$0.00		\$0.0000	\$0.0000	
246	7/1/10 - 6/30/11	CRA	\$2,446.00	2	\$4,892.00		\$0.0000	\$4,892.0000	
247	7/1/11 - 6/30/12	CRA	\$2,544.00	2	\$5,088.00	5	\$12,720.0000	(\$7,632.0000)	cr2-2011
248	7/1/12 - 6/30/13	CRA	\$2,646.00	2	\$5,292.00		\$0.0000	\$5,292.0000	
249	7/1/13 - 6/30/14	CRA	\$2,752.00	0	\$0.00		\$0.0000	\$0.0000	
250	7/1/14 - 9/25/14	CRA	\$2,862.08	0	\$0.00		\$0.0000	\$0.0000	
251	PA On-Line Sampler		Cost Per Grade Cluster						
252	7/1/09 - 6/30/10	PA	\$2,352.00	4	\$9,408.00	4	\$9,408.0000	\$0.0000	PA3-2009
253	7/1/10 - 6/30/11	PA	\$2,446.00	4	\$9,784.00		\$0.0000	\$9,784.0000	
254	7/1/11 - 6/30/12	PA	\$2,544.00	4	\$10,176.00	8	\$19,960.0000	(\$9,784.0000)	
255						4	\$9,784.0000		PA3-2010
256						4	\$10,176.0000		pa2-2011
257	7/1/12 - 6/30/13	PA	\$2,646.00	4	\$10,584.00	1	\$2,646.0000	\$7,938.0000	PA3-2012
258	7/1/13 - 6/30/14	PA	\$2,752.00	0	\$0.00		\$0.0000	\$0.0000	
259	7/1/14 - 9/25/14	PA	\$2,862.08	0	\$0.00		\$0.0000	\$0.0000	
260	Pre-Test Brochure								
261	WA/MWA Pre-Test Brochure		Cost per Brochure						
262	9/25/08 - 6/30/09	WA	\$0.0516	245,000	\$12,642.00	245000	\$12,642.0000	\$0.0000	WA1-2009
263	7/1/09 - 6/30/10	WA	\$0.0540	253,575	\$13,693.05	245000	\$13,230.0000	\$463.0500	WA1-2009/2010
264	7/1/10 - 6/30/11	WA	\$0.0576	262,450	\$15,117.13	244700	\$14,094.7200	\$1,022.4072	wa3-2010
265	7/1/11 - 6/30/12	WA	\$0.0612	271,636	\$16,624.12		\$0.0000	\$16,624.1158	
266	7/1/12 - 6/30/13	WA	\$0.0648	281,143	\$18,218.08	473088	\$29,757.9024	(\$11,539.8272)	
267						249500	\$15,269.40		wa3-2011
268						223588	\$14,488.50		wa1-2013
269	9/25/13 - 6/30/14	WA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
270	7/1/14 - 9/25/14	WA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
271	PA Pre-Test Brochure		Cost per Brochure						
272	9/25/08 - 6/30/09	PA	\$0.1200	7,500	\$900.00		\$0.0000	\$900.0000	
273	7/1/09 - 6/30/10	PA	\$0.1260	7,763	\$978.14		\$0.0000	\$978.1380	
274	7/1/10 - 6/30/11	PA	\$0.1320	8,034	\$1,060.49		\$0.0000	\$1,060.4880	
275	7/1/11 - 6/30/12	PA	\$0.1380	8,315	\$1,147.47		\$0.0000	\$1,147.4700	
276	7/1/12 - 6/30/13	PA	\$0.1440	8,606	\$1,239.26		\$0.0000	\$1,239.2640	
277	9/25/13 - 6/30/14	PA	\$0.15	8,907	\$1,333.94		\$0.0000	\$1,333.9438	
278	7/1/14 - 9/25/14	PA	\$0.16	0	\$0.00		\$0.0000	\$0.0000	
279	Practice Tests								
280	CRA Development (include electronic version & teacher directions)		Cost Per Grade Level						
281	9/25/08 - 6/30/09	CRA	\$3,234.00	2	\$6,468.00		\$0.0000	\$6,468.0000	
282	7/1/10 - 6/30/11	CRA	\$3,498.00	2	\$6,996.00		\$0.0000	\$6,996.0000	
283	7/1/12 - 6/30/13	CRA	\$3,783.00	2	\$7,566.00		\$0.0000	\$7,566.0000	
284	9/25/13 - 6/30/14	CRA	\$3,934.32	0	\$0.00		\$0.0000	\$0.0000	
285	7/1/14 - 9/25/14	CRA	\$4,091.69	0	\$0.00		\$0.0000	\$0.0000	
286	CRA Regular Practice Test (include teacher directions)		Cost Per Test						
287	7/1/09 - 6/30/10	CRA	\$0.7009	0	\$0.00		\$0.0000	\$0.0000	
288	7/1/10 - 6/30/11	CRA	\$0.7289	181,125	\$132,022.01		\$0.0000	\$132,022.0125	
289	7/1/11 - 6/30/12	CRA	\$0.7581	187,464	\$142,116.46		\$0.0000	\$142,116.4584	
290	7/1/12 - 6/30/13	CRA	\$0.7884	194,026	\$152,970.10		\$0.0000	\$152,970.0984	
291	9/25/13 - 6/30/14	CRA	\$0.82	0	\$0.00		\$0.0000	\$0.0000	
292	7/1/14 - 9/25/14	CRA	\$0.85	0	\$0.00		\$0.0000	\$0.0000	
293	CRA Large Print Practice Test (include teacher directions)		Cost Per Test						
294	7/1/09 - 6/30/10	CRA	\$0.1800	0	\$0.00		\$0.0000	\$0.0000	
295	7/1/10 - 6/30/11	CRA	\$0.2040	311	\$63.44		\$0.0000	\$63.4440	
296	7/1/11 - 6/30/12	CRA	\$0.2280	321	\$73.19		\$0.0000	\$73.1880	
297	7/1/12 - 6/30/13	CRA	\$0.2520	333	\$83.92		\$0.0000	\$83.9160	

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	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
298	9/25/13 - 6/30/14	CRA	\$0.26	0	\$0.00		\$0.0000	\$0.0000	
299	7/1/14 - 9/25/14	CRA	\$0.27	0	\$0.00		\$0.0000	\$0.0000	
300	CRA Brille Development (include electronic version & teacher directions)		Cost Per Grade Level						
301	7/1/09 - 6/30/10	CRA	\$1,200.00	2	\$2,400.00		\$0.0000	\$2,400.0000	
302	7/1/10 - 6/30/11	CRA	\$1,248.00	2	\$2,496.00		\$0.0000	\$2,496.0000	
303	7/1/12 - 6/30/13	CRA	\$1,298.00	2	\$2,596.00		\$0.0000	\$2,596.0000	
304	9/25/13 - 6/30/14	CRA	\$1,349.92	0	\$0.00		\$0.0000	\$0.0000	
305	7/1/14 - 9/25/14	CRA	\$1,403.92	0	\$0.00		\$0.0000	\$0.0000	
306	CRA Brille Practice Test (include teacher directions)		Cost Per Test						
307	7/1/09 - 6/30/10	CRA	\$68.12	0	\$0.00		\$0.0000	\$0.0000	
308	7/1/10 - 6/30/11	CRA	\$70.84	20	\$1,416.80		\$0.0000	\$1,416.8000	
309	7/1/11 - 6/30/12	CRA	\$73.68	20	\$1,473.60		\$0.0000	\$1,473.6000	
310	7/1/12 - 6/30/13	CRA	\$76.63	20	\$1,532.60		\$0.0000	\$1,532.6000	
311	9/25/13 - 6/30/14	CRA	\$79.70	0	\$0.00		\$0.0000	\$0.0000	
312	7/1/14 - 9/25/14	CRA	\$82.88	0	\$0.00		\$0.0000	\$0.0000	
313	Administration Materials A.11.d								
314	CRA Teacher Directions (include electronic version)		Cost per Directions						
315	7/1/09 - 6/30/10	CRA	\$0.1260	0	\$0.00		\$0.0000	\$0.0000	
316	7/1/10 - 6/30/11	CRA	\$0.1320	9,067	\$1,196.84		\$0.0000	\$1,196.8440	
317	7/1/11 - 6/30/12	CRA	\$0.1380	9,384	\$1,294.99		\$0.0000	\$1,294.9920	
318	7/1/12 - 6/30/13	CRA	\$0.1440	9,712	\$1,398.53		\$0.0000	\$1,398.5280	
319	9/25/13 - 6/30/14	CRA	\$0.15	0	\$0.00		\$0.0000	\$0.0000	
320	7/1/14 - 9/25/14	CRA	\$0.16	0	\$0.00		\$0.0000	\$0.0000	
321	WA/MWA Test Directions		Cost per Directions						
322	9/25/08 - 6/30/09	WA	\$0.0516	245,000	\$12,642.00	247000	\$12,745.2000	(\$103,2000)	WA1-2009
323	7/1/09 - 6/30/10	WA	\$0.0540	253,575	\$13,693.05	247000	\$13,338.0000	\$355.0500	WA1-2009/2010
324	7/1/10 - 6/30/11	WA	\$0.0576	262,450	\$15,117.13	254677	\$14,669.4000	\$447.7272	
325						19400	\$1,117.4400		wa-2010 Pilot
326						235277	\$13,551.9600		wa3-2010
327	7/1/11 - 6/30/12	WA	\$0.0612	271,636	\$16,624.12		\$0.0000	\$16,624.1158	
328	7/1/12 - 6/30/13	WA	\$0.0648	281,143	\$18,218.08	444961	\$27,810.1040	(\$9,592.0288)	
329						284270	\$17,397.32		wa4-2011
330						13631	\$883.2900		wapilot3-2012
331						147060	\$9,529.4900		wa1-2013
332									
333	9/25/13 - 6/30/14	WA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
334	7/1/14 - 9/25/14	WA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
335	PA Test Directions		Cost per Directions						
336	9/25/08 - 6/30/09	PA	\$0.1200	7,800	\$936.00	7300	\$876.0000	\$60.0000	PA1-2009
337	7/1/09 - 6/30/10	PA	\$0.1260	8,073	\$1,017.20	18175	\$2,290.0500	(\$1,272.8520)	PA1-2009/2010
338	7/1/10 - 6/30/11	PA	\$0.1320	8,356	\$1,102.99	18175	\$2,399.10	(\$1,296.11)	pa4-2010
339	7/1/11 - 6/30/12	PA	\$0.1380	8,648	\$1,193.42	0	\$0.00	\$1,193.42	
340	7/1/12 - 6/30/13	PA	\$0.1440	8,951	\$1,288.94	39850	\$5,620.9500	(\$4,332.01)	
341						19575	\$2,701.35		pa3-2011
342						20275	\$2,919.60		pa4-2012
343	9/25/13 - 6/30/14	PA	\$0.15	9,309	\$1,394.12		\$0.0000	\$1,394.1218	
344	7/1/14 - 9/25/14	PA	\$0.16	0	\$0.00		\$0.0000	\$0.0000	
345	Test Administration Manuals								
346	WA/MWA Test Administration Manual (include electronic version)		Cost per Manual		one TAM per 15 students 12 TAMs, 2 administrations				
347	9/25/08 - 6/30/09	WA	\$1.0200	15,000	\$15,300.00	4550	\$4,641.0000	\$10,659.0000	WA1-2009
348	7/1/09 - 6/30/10	WA	\$1.0680	27,525	\$29,396.70	5500	\$5,874.0000	\$23,522.7000	WA1-2009/2010
349	7/1/10 - 6/30/11	WA	\$1.1032	28,488	\$31,427.96	6995	\$7,716.8800	\$23,711.0816	
350						1495	\$1,649.2800		wa-2010 Pilot
351						5500	\$6,067.6000		wa3-2010
352	7/1/11 - 6/30/12	WA	\$1.1474	29,486	\$33,832.24	0	\$0.00	\$33,832.2364	
353	7/1/12 - 6/30/13	WA	\$1.1933	30,518	\$36,417.13	13626	\$16,039.2200	\$20,377.9094	
354						4808	\$5,516.70		wa4-2011
355						3128	\$3,732.6400		wapilot3-2012

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	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
356						5690	\$6,789.8800		wa1-2013
357	9/25/13 - 6/30/14	WA	\$2.61	0	\$0.00		\$0.0000	\$0.0000	
358	7/1/14 - 9/25/14	WA	\$2.72	0	\$0.00		\$0.0000	\$0.0000	
359	WAMWA Test Administration Manual (electronic version only)		Cost per Manual						
360	9/25/13 - 6/30/14	WA	\$6,586.00	2	\$13,172.00		\$0.0000	\$13,172.0000	
361	7/1/14 - 9/25/14	WA	\$6,849.44	0	\$0.00		\$0.0000	\$0.0000	
362	PA Test Administration Manual (include electronic version)		Cost per Manual						
363	9/25/08 - 6/30/09	PA	\$3.0000	0	\$0.00		\$0.0000	\$0.0000	
364	7/1/09 - 6/30/10	PA	\$3.1200	0	\$0.00		\$0.0000	\$0.0000	
365	7/1/10 - 6/30/11	PA	\$3.2448	0	\$0.00		\$0.0000	\$0.0000	
366	7/1/11 - 6/30/12	PA	\$3.3746	0	\$0.00		\$0.0000	\$0.0000	
367	7/1/12 - 6/30/13	PA	\$3.5096	0	\$0.00		\$0.0000	\$0.0000	
368	9/25/13 - 6/30/14	PA	\$3.65	0	\$0.00		\$0.0000	\$0.0000	
369	7/1/14 - 9/25/14	PA	\$3.80	0	\$0.00		\$0.0000	\$0.0000	
370	CRA Test Administration Manual (include electronic version)		Cost per Manual		946k students @ 1/15students x 2 admins				
371	7/1/09 - 6/30/10	CRA	\$0.0750	0	\$0.00				
372	7/1/10 - 6/30/11	CRA	\$0.0780	0	\$0.00	9834	\$10,848.8700	(\$10,848.8700)	cr3-2010
373	7/1/11 - 6/30/12	CRA	\$0.0811	0	\$0.00	0	\$0.0000	\$0.00	
374	7/1/12 - 6/30/13	CRA	\$0.0843	0	\$0.00	67877	\$80,553.1800	(\$80,553.1800)	
375							\$10,966.8500		cr3-2011
376						125	\$143.4300		cr-pilot 2012
377						28194	\$33,643.9000		cr3-2012
378						30000	\$35,799.0000		cr2-2013
379									
380	9/25/13 - 6/30/14	CRA	\$2.61	0	\$0.00		\$0.0000	\$0.0000	
381	7/1/14 - 9/25/14	CRA	\$2.72	0	\$0.00		\$0.0000	\$0.0000	
382	CRA Test Administration Manual (electronic version only)		Cost per Manual						
383	9/25/13 - 6/30/14	CRA	\$6,586.00	1	\$6,586.00		\$0.0000	\$6,586.0000	
384	7/1/14 - 9/25/14	CRA	\$6,849.44	0	\$0.00		\$0.0000	\$0.0000	
385	Teacher Header		All Assessments Per Header						
386	9/25/08 - 6/30/09	WA	\$0.1148	12,000	\$1,377.60	22000	\$2,525.6000	(\$1,148.0000)	WA1-2009
387	7/1/09 - 6/30/10	WA	\$0.1194	12,420	\$1,482.95	24000	\$2,865.6000	(\$1,382.6520)	WA1-2009/2010
388	7/1/10 - 6/30/11	CRA	\$0.1242	12,855	\$1,596.59	13112	\$1,628.51	(\$31.9194)	cr3-2010
389	7/1/11 - 6/30/12	WA	\$0.1292	13,305	\$1,719.01	24000	\$2,980.80	(\$1,261.7940)	wa2-2010
390									
391	7/1/12 - 6/30/13	CRA	\$0.1344	37466	\$4,840.61	37466	\$4,840.61	\$0.0000	cr3-2011
392	7/1/12 - 6/30/13	WA	\$0.1344	62800	\$8,113.76	62800	\$8,113.76	\$0.0000	wa4-2011
393	7/1/12 - 6/30/13	CRA	\$0.1344	494	\$63.82	494	\$63.82	\$0.0000	cr-pilot 2012
394	7/1/12 - 6/30/13	WA	\$0.1344	4067	\$546.60	4067	\$546.60	\$0.0000	wapilot3-2012
395	7/1/12 - 6/30/13	WA	\$0.1344	12463	\$1,675.03	12463	\$1,675.03	\$0.0000	wa1-2013
396	7/1/12 - 6/30/13	CRA	\$0.1344	116000	\$15,590.40	116000	\$15,590.40	\$0.0000	cr2-2013
397									
398	9/25/13 - 6/30/14	WA	\$0.14	450	\$62.90		\$0.0000	\$62.8992	
399	7/1/14 - 9/25/14	WA	\$0.15	0	\$0.00		\$0.0000	\$0.0000	
400	School Listing		All Assessments Per Listing						
401	9/25/08 - 6/30/09	WA	\$0.1107	5,000	\$553.50		\$0.0000	\$553.5000	
402	7/1/09 - 6/30/10	WA	\$0.1167	5,175	\$603.92		\$0.0000	\$603.9225	
403									
404	7/1/10 - 6/30/11	WA	\$0.1227	160	\$19.63	160	\$19.63	\$19.6320	wa-2010 Pilot
405	7/1/10 - 6/30/11	CRA	\$0.1227	1430	\$175.46	1430	\$175.46	\$175.4610	cr3-2010
406									
407	7/1/11 - 6/30/12	WA	\$0.1287	5,544	\$713.51		\$0.0000	\$713.5128	
408	7/1/12 - 6/30/13	WA	\$0.1347	5,738	\$772.91		\$0.0000	\$772.9086	
409	9/25/13 - 6/30/14	WA	\$0.14	0	\$0.00		\$0.0000	\$0.0000	
410	7/1/14 - 9/25/14	WA	\$0.15	0	\$0.00		\$0.0000	\$0.0000	
411	Bar Code Label		All Assessments Per Label						
412				0	\$0.00	292237	\$0.0000		
413	9/25/08 - 6/30/09	WA	\$0.0220	285,180	\$6,273.96	285180	\$6,273.96	\$0.0000	WA1-2009

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
414	9/25/08 - 6/30/09	PA	\$0.0220	7,057	\$155.25	7057	\$155.25	\$0.0000	PA1-2009
415									
416	7/1/09 - 6/30/10	WA	\$0.0226	37,947	\$857.60	37947	\$857.60	\$0.0000	WA1-2009/2010
417	7/1/09 - 6/30/10	PA	\$0.0226	7,452	\$168.42	7452	\$168.42	\$0.0000	PA1-2009/2010
418									
419	7/1/10 - 6/30/11	WA	\$0.0235	1372	\$32.24	1372	\$32.24	\$0.0000	wa-2010 Pilot
420	7/1/10 - 6/30/11	CRA	\$0.0235	12684	\$298.07	12684	\$298.07	\$0.0000	cr3-2010
421	7/1/10 - 6/30/11	WA	\$0.0235	36141	\$849.31	36141	\$849.31	\$0.0000	wa3-2010
422									
423	7/1/11 - 6/30/12	WA	\$0.0244	0	\$0.00	0	\$0.00	\$0.0000	
424									
425	7/1/12 - 6/30/13	CRA	\$0.0254	37466	\$914.17	37466	\$914.1700	\$0.00	cr3-2011
426	7/1/12 - 6/30/13	PA	\$0.0254	8200	\$200.08	8200	\$200.0800	\$0.0000	pa3-2011
427	7/1/12 - 6/30/13	WA	\$0.0254	58855	\$1,436.06	58855	\$1,436.0600	\$0.0020	wa4-2011
428	7/1/12 - 6/30/13	WA	\$0.0254	14742	\$374.45	14742	\$374.4500	(\$0.0032)	wapilot3-2012
429	7/1/12 - 6/30/13	PA	\$0.0254	8550	\$217.17	8550	\$217.1700	\$0.0000	pa4-2012
430	7/1/12 - 6/30/13	WA	\$0.0254	24926	\$633.12	24926	\$633.1200	\$0.0004	wa1-2013
431	7/1/12 - 6/30/13	CRA	\$0.0254	116000	\$2,946.40	116000	\$2,946.4000	\$0.00	cr2-2013
432									
433	9/25/13 - 6/30/14	PA	\$0.03	450	\$13.50		\$0.0000	\$13.5000	
434	7/1/14 - 9/25/14	PA	\$0.03	0	\$0.00		\$0.0000	\$0.0000	
435	Guide to Test Interpretation GTI								
436	WAMWA (comprehensive electronic version)		Total Cost						
437	9/25/08 - 6/30/09	WA	\$3,234.00	1	\$3,234.00		\$0.0000	\$3,234.0000	
438	7/1/09 - 6/30/10	WA	\$3,363.00	1	\$3,363.00		\$0.0000	\$3,363.0000	
439	7/1/10 - 6/30/11	WA	\$3,498.00	1	\$3,498.00	1	\$3,363.0000	\$135.0000	WA1-2010
440	7/1/11 - 6/30/12	WA	\$3,638.00	1	\$3,638.00		\$0.0000	\$3,638.0000	
441	7/1/12 - 6/30/13	WA	\$3,783.00	1	\$3,783.00	2	\$7,421.0000	(\$3,638.0000)	
442						1	\$3,638.0000		wa4-2011
443						1	\$3,783.0000		wa2-2013
444	9/25/13 - 6/30/14	WA	\$3,934.32	1	\$3,934.32		\$0.0000	\$3,934.3200	
445	7/1/14 - 9/25/14	WA	\$4,091.69	0	\$0.00		\$0.0000	\$0.0000	
446	WAMWA (Parent Brochure)		Per Brochure						
447	9/25/08 - 6/30/09	WA	\$0.0516	230,000	\$11,868.00	245000	\$12,642.0000	(\$774.0000)	WA3-2009
448	7/1/09 - 6/30/10	WA	\$0.0540	238,050	\$12,854.70		\$0.0000	\$12,854.7000	
449	7/1/10 - 6/30/11	WA	\$0.0576	246,382	\$14,191.60	245000	\$13,230.0000	\$961.6032	WA1-2010
450	7/1/11 - 6/30/12	WA	\$0.0612	255,005	\$15,606.31	213000	\$12,268.80	\$3,337.5060	WA1-2011
451	7/1/12 - 6/30/13	WA	\$0.0648	263,930	\$17,102.66	450141	\$28,351.43	(\$11,248.7652)	
452						227141	\$13,901.03		wa2-2012
453						223000	\$14,450.40		wa2-2013
454	9/25/13 - 6/30/14	WA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
455	7/1/14 - 9/25/14	WA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
456	PA (comprehensive electronic version)		Total Cost						
457	9/25/08 - 6/30/09	PA	\$3,234.00	1	\$3,234.00		\$0.0000	\$3,234.0000	
458	7/1/09 - 6/30/10	PA	\$3,363.00	1	\$3,363.00		\$0.0000	\$3,363.0000	
459	7/1/10 - 6/30/11	PA	\$3,498.00	1	\$3,498.00	1	\$3,363.0000	\$135.0000	PA1-2010
460	7/1/11 - 6/30/12	PA	\$3,638.00	1	\$3,638.00	1	\$3,498.0000	\$140.0000	pa1-2011
461	7/1/12 - 6/30/13	PA	\$3,783.00	1	\$3,783.00	2	\$7,421.0000	(\$3,638.0000)	
462						1	\$3,638.0000		PA2-2012
463						1	\$3,783.0000		pa1-2013
464	9/25/13 - 6/30/14	PA	\$3,934.32	1	\$3,934.32		\$0.0000	\$3,934.3200	
465	7/1/14 - 9/25/14	PA	\$4,091.69	0	\$0.00		\$0.0000	\$0.0000	
466	PA (Parent Brochure)		Per Brochure						
467	9/25/08 - 6/30/09	PA	\$0.1200	7,800	\$936.0000	0	\$0.0000	\$936.0000	
468	7/1/09 - 6/30/10	PA	\$0.1260	8,073	\$1,017.20	6500	\$780.0000	\$237.1980	PA3-2009
469	7/1/10 - 6/30/11	PA	\$0.1320	8,356	\$1,102.99	6630	\$835.38	\$267.6120	PA1-2010
470	7/1/11 - 6/30/12	PA	\$0.1380	8,648	\$1,193.42	6618	\$873.58	\$319.8480	pa1-2011
471	7/1/12 - 6/30/13	PA	\$0.1440	8,951	\$1,288.94	14568	\$2,055.3840	(\$766.4400)	
472						7068	\$975.38	(\$975.3840)	PA2-2012
473						7500	\$1,080.0000		pa1-2013
474	9/25/13 - 6/30/14	PA	\$0.15	9,220	\$1,380.72		\$0.0000	\$1,380.7168	
475	7/1/14 - 9/25/14	PA	\$0.16	0	\$0.00		\$0.0000	\$0.0000	
476	CRA (comprehensive electronic version)		Total Cost						

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4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
477	7/1/09 - 6/30/10	CRA	\$3,363.00	0	\$0.00		\$0.0000	\$0.0000	
478	7/1/10 - 6/30/11	CRA	\$3,498.00	0	\$0.00		\$0.0000	\$0.0000	
479	7/1/11 - 6/30/12	CRA	\$3,638.00	0	\$0.00		\$0.0000	\$0.0000	
480	7/1/12 - 6/30/13	CRA	\$3,783.00	0	\$0.00		\$0.0000	\$0.0000	
481	9/25/13 - 6/30/14	CRA	\$3,934.32	0	\$0.00		\$0.0000	\$0.0000	
482	7/1/14 - 9/25/14	CRA	\$4,091.69	0	\$0.00		\$0.0000	\$0.0000	
483	CRA (Parent Brochure)		Per Brochure						
484	7/1/09 - 6/30/10	CRA	\$0.0588	0	\$0.00		\$0.0000	\$0.0000	
485	7/1/10 - 6/30/11	CRA	\$0.0612	0	\$0.00		\$0.0000	\$0.0000	
486	7/1/11 - 6/30/12	CRA	\$0.0636	0	\$0.00		\$0.0000	\$0.0000	
487	7/1/12 - 6/30/13	CRA	\$0.0660	0	\$0.00		\$0.0000	\$0.0000	
488	9/25/13 - 6/30/14	CRA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
489	7/1/14 - 9/25/14	CRA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
490	Assessment Materials A.11.e								
491	WA/MWA Prompt Sheets		Per Test		This is now a test booklet				
492	9/25/08 - 6/30/09	WA	\$0.0360	245,000	\$8,820.00	247000	\$8,892.0000	(\$72.0000)	WA1-2009
493	7/1/09 - 6/30/10	WA	\$0.0412	253,575	\$10,447.29	247000	\$10,176.4000	\$270.8900	WA1-2009/2010
494	7/1/10 - 6/30/11	WA	\$0.0428	262,450	\$11,232.87	19400	\$830.3200	\$10,402.5454	wa-2010 Pilot
495	7/1/11 - 6/30/12	WA	\$0.0444	271,636	\$12,060.63	247000	\$10,571.6000	\$1,489.0330	wa2-2010
496	7/1/12 - 6/30/13	WA	\$0.0468	281,143	\$13,157.50	284000	\$12,609.60	\$547.8987	wa4-2011
497	9/25/13 - 6/30/14	WA	\$0.05	0	\$0.00		\$0.0000	\$0.0000	
498	7/1/14 - 9/25/14	WA	\$0.05	0	\$0.00		\$0.0000	\$0.0000	
499	WA/MWA Large Print Prompt		Per Test						
500	9/25/08 - 6/30/09	WA	\$0.3000	500	\$150.00	890	\$267.0000	(\$117.0000)	WA1-2009
501	7/1/09 - 6/30/10	WA	\$0.3120	518	\$161.62	950	\$296.4000	(\$134.7840)	WA1-2009/2010
502	7/1/10 - 6/30/11	WA	\$0.3240	536	\$173.66	515	\$166.86	\$6.8040	
503						40	\$12.9600		wa-2010 Pilot
504						475	\$153.9000		wa3-2010
505	7/1/11 - 6/30/12	WA	\$0.3360	554	\$186.14	475	\$153.90	\$32.2440	wa2-2010
506	7/1/12 - 6/30/13	WA	\$0.3480	574	\$199.75	210	\$70.56	\$129.1920	wa4-2011
507	9/25/13 - 6/30/14	WA	\$0.36	0	\$0.00		\$0.0000	\$0.0000	
508	7/1/14 - 9/25/14	WA	\$0.38	0	\$0.00		\$0.0000	\$0.0000	
509	WA/MWA Braille Prompt		Per Test						
510	9/25/08 - 6/30/09	WA	\$5.24	75	\$393.00	116	\$607.8400	(\$214.8400)	WA1-2009
511	7/1/09 - 6/30/10	WA	\$5.45	78	\$423.06	140	\$763.0000	(\$339.9438)	WA1-2009/2010
512	7/1/10 - 6/30/11	WA	\$5.67	80	\$455.54	140	\$793.8000	(\$338.2616)	wa3-2010
513	7/1/11 - 6/30/12	WA	\$5.89	83	\$489.78		\$0.0000	\$489.7761	
514	7/1/12 - 6/30/13	WA	\$6.13	86	\$527.57	60	\$353.4000	\$174.1737	wa4-2011
515	9/25/13 - 6/30/14	WA	\$6.38	0	\$0.00		\$0.0000	\$0.0000	
516	7/1/14 - 9/25/14	WA	\$6.63	0	\$0.00		\$0.0000	\$0.0000	
517	WA Test Books		Per Test						
518	9/25/13 - 6/30/14	WA	\$1.07	4,500	\$4,815.72		\$0.0000	\$4,815.7200	
519	7/1/14 - 9/25/14	WA	\$1.11	0	\$0.00		\$0.0000	\$0.0000	
520	WA Large Print Test Book		Per Test						
521	9/25/13 - 6/30/14	WA	\$3.31	90	\$297.65		\$0.0000	\$297.6480	
522	7/1/14 - 9/25/14	WA	\$3.44	0	\$0.00		\$0.0000	\$0.0000	
523	WA Braille Test Book Dev		Per Test						
524	9/25/13 - 6/30/14	WA	\$1,349.92	5	\$6,749.60		\$0.0000	\$6,749.6000	
525	7/1/14 - 9/25/14	WA	\$1,403.92	0	\$0.00		\$0.0000	\$0.0000	
526	WA Braille Test Book		Per Test						
527	9/25/13 - 6/30/14	WA	\$79.70	263	\$20,959.84		\$0.0000	\$20,959.8376	
528	7/1/14 - 9/25/14	WA	\$82.88	0	\$0.00		\$0.0000	\$0.0000	
529	CRA Test Booklet		Per Test						
530	7/1/09 - 6/30/10	CRA	\$0.9120	0	\$0.00	0	\$0.0000	\$0.0000	
531	7/1/10 - 6/30/11	CRA	\$0.9485	190,800	\$180,973.80	190800	\$188,205.1200	(\$7,231.3200)	cr3-2010
532	7/1/11 - 6/30/12	CRA	\$0.9864	187,464	\$184,914.49	0	\$0.00	\$184,914.4896	
533	7/1/12 - 6/30/13	CRA	\$1.0290	1,326,547	\$1,365,016.86	1326547	\$1,365,016.87	(\$0.0070)	
534						190022	\$195,532.6400		cr3-2011
535						2465	\$2,536.4900		cr-pilot 2012
536						545820	\$561,648.7800		cr3-2012
537						588240	\$605,298.96		cr2-2013
538	7/1/12 - 6/30/13	WA	\$1.03	160,691	\$165,351.04	160691	\$165,351.0400	(\$0.0010)	
539						13631	\$14,026.3000		wapilot3-2012
540						147060	\$151,324.7400		wa1-2013
541	9/25/13 - 6/30/14	CRA	\$1.07	1,548,000	\$1,656,607.68		\$0.0000	\$1,656,607.6800	

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4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
542	7/1/14 - 9/25/14	CRA	\$1.11	0	\$0.00		\$0.0000	\$0.0000	
543	CRA Large Print Test Booklet		Per Test						
544	7/1/09 - 6/30/10	CRA	\$3.00	0	\$0.00		\$0.0000	\$0.0000	
545	7/1/10 - 6/30/11	CRA	\$3.06	128	\$391.68	128	\$399.3600	(\$7.6800)	cr3-2010
546	7/1/11 - 6/30/12	CRA	\$3.12	321	\$1,001.52	0	\$0.0000	\$1,001.5200	
547	7/1/12 - 6/30/13	CRA	\$3.18	1,539	\$4,894.02	1539	\$4,894.0200	\$0.0000	
548						137	\$435.6600		cr3-2011
549						393	\$1,249.7400		cr3-2012
550						1009	\$3,208.6200		cr2-2013
551	7/1/12 - 6/30/13	WA	\$3.18	165	\$524.70	165	\$524.7000	\$0.0000	
552						14	\$44.5200		wapilot3-2012
553						151	\$480.1800		wa1-2013
554	9/25/13 - 6/30/14	CRA	\$3.31	3,312	\$10,953.45		\$0.0000	\$10,953.4464	
555	7/1/14 - 9/25/14	CRA	\$3.44	0	\$0.00		\$0.0000	\$0.0000	
556	CRA Braille Test Booklet		Per Test						
557	7/1/09 - 6/30/10	CRA	\$68.12	0	\$0.00		\$0.0000	\$0.0000	
558	7/1/10 - 6/30/11	CRA	\$70.84	21	\$1,487.64	0	\$0.0000	\$1,487.6400	
559	7/1/11 - 6/30/12	CRA	\$73.68	21	\$1,547.28	0	\$0.0000	\$1,547.2800	
560	7/1/12 - 6/30/13	CRA	\$76.63	273	\$20,919.99	273	\$20,919.9900	\$0.00	
561						15	\$1,149.4500		cr3-2011
562						59	\$4,521.1700		cr3-2012
563						47	\$3,601.6100		cr1-2013
564						152	\$11,647.7600		cr2-2013
565	7/1/12 - 6/30/13	WA	\$76.63	48	\$3,678.24	48	\$3,678.2400	\$0.0000	wa1-2013
566	9/25/13 - 6/30/14	CRA	\$79.70	722	\$57,539.93		\$0.0000	\$57,539.9344	
567	7/1/14 - 9/25/14	CRA	\$82.88	0	\$0.00		\$0.0000	\$0.0000	
568	Computer Version								
569	WA/MWA (setup, inc dev)		assess/admin						
570	9/25/08 - 6/30/09	WA	\$178,440.00	0	\$0.00		\$0.0000	\$0.0000	
571	7/1/09 - 6/30/10	WA	\$180,752.00	0	\$0.00		\$0.0000	\$0.0000	
572	7/1/10 - 6/30/11	WA	\$183,175.00	0	\$0.00		\$0.0000	\$0.0000	
573	7/1/11 - 6/30/12	WA	\$185,670.00	0	\$0.00		\$0.0000	\$0.0000	
574	7/1/12 - 6/30/13	WA	\$188,240.00	6	\$1,129,440.00	6	\$1,129,440.0000	\$564,720.0000	
575						3	\$564,720.0000		wapilot3-2012
576						3	\$564,720.0000		wa1-2013
577	9/25/13 - 6/30/14	WA	\$6,000.00	53	\$318,000.00		\$0.0000	\$318,000.0000	
578	7/1/14 - 9/25/14	WA	\$6,240.00	0	\$0.00		\$0.0000	\$0.0000	
579	WA/MWA		Per Test						
580	9/25/08 - 6/30/09	WA	\$2.33	0	\$0.00		\$0.0000	\$0.0000	
581	7/1/09 - 6/30/10	WA	\$2.42	0	\$0.00		\$0.0000	\$0.0000	
582	7/1/10 - 6/30/11	WA	\$2.52	0	\$0.00		\$0.0000	\$0.0000	
583	7/1/11 - 6/30/12	WA	\$2.62	0	\$0.00		\$0.0000	\$0.0000	
584	7/1/12 - 6/30/13	WA	\$2.73	143,775	\$392,505.75	143775	\$392,505.75	\$0.0000	
585						16477	\$44,982.2100		wapilot3-2012
586						127298	\$347,523.5400		wa1-2013
587	9/25/13 - 6/30/14	WA	\$1.30	774,000	\$1,006,200.00		\$0.0000	\$1,006,200.0000	
588	7/1/14 - 9/25/14	WA	\$1.35	0	\$0.00		\$0.0000	\$0.0000	
589	CTE (setup, inc dev)		assess/admin						
590	9/25/13 - 6/30/14	CTE	\$3,125.00	8	\$25,000.00		\$0.0000	\$25,000.0000	
591	7/1/14 - 9/25/14	CTE	\$3,250.00	0	\$0.00		\$0.0000	\$0.0000	
592	CTE		Per Test						
593	9/25/13 - 6/30/14	CTE	\$2.23	10,000	\$22,300.00		\$0.0000	\$22,300.0000	
594	7/1/14 - 9/25/14	CTE	\$2.32	0	\$0.00		\$0.0000	\$0.0000	
595	PA (setup, inc dev)		Per grade cluster						
596	9/25/08 - 6/30/09	PA	\$189,625.00	0	\$0.00		\$0.0000	\$0.0000	
597	7/1/09 - 6/30/10	PA	\$192,313.00	0	\$0.00		\$0.0000	\$0.0000	
598	7/1/10 - 6/30/11	PA	\$195,082.00	0	\$0.00		\$0.0000	\$0.0000	
599	7/1/11 - 6/30/12	PA	\$197,935.00	0	\$0.00		\$0.0000	\$0.0000	
600	7/1/12 - 6/30/13	PA	\$200,873.00	0	\$0.00		\$0.0000	\$0.0000	
601	9/25/13 - 6/30/14	PA	\$208,907.92	0	\$0.00		\$0.0000	\$0.0000	
602	7/1/14 - 9/25/14	PA	\$217,264.24	0	\$0.00		\$0.0000	\$0.0000	
603	PA		Per Test						
604	9/25/08 - 6/30/09	PA	\$4.26	0	\$0.00		\$0.0000	\$0.0000	
605	7/1/09 - 6/30/10	PA	\$4.38	0	\$0.00		\$0.0000	\$0.0000	
606	7/1/10 - 6/30/11	PA	\$4.52	0	\$0.00		\$0.0000	\$0.0000	
607	7/1/11 - 6/30/12	PA	\$4.66	0	\$0.00		\$0.0000	\$0.0000	

	A	B	C	D	E	F	G	H	I
4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
608	7/1/12 - 6/30/13	PA	\$4.79	0	\$0.00		\$0.0000	\$0.0000	
609	9/25/13 - 6/30/14	PA	\$4.98	0	\$0.00		\$0.0000	\$0.0000	
610	7/1/14 - 9/25/14	PA	\$5.18	0	\$0.00		\$0.0000	\$0.0000	
611	CRA (setup, inc dev)		Per grade level						
612	7/1/09 - 6/30/10	CRA	\$256,822.00	0	\$0.00		\$0.0000	\$0.0000	
613	7/1/10 - 6/30/11	CRA	\$261,527.00	0	\$0.00		\$0.0000	\$0.0000	
614	7/1/11 - 6/30/12	CRA	\$266,372.00	0	\$0.00		\$0.0000	\$0.0000	
615	7/1/12 - 6/30/13	CRA	\$276,355.00	0	\$0.00		\$0.0000	\$0.0000	
616	9/25/13 - 6/30/14	CRA	\$51,298.00	0	\$0.00		\$0.0000	\$0.0000	
617	7/1/14 - 9/25/14	CRA	\$53,349.92	0	\$0.00		\$0.0000	\$0.0000	
618	TCAP/CRA		Per Test						
619	7/1/09 - 6/30/10	CRA	\$4.60	0	\$0.00		\$0.0000	\$0.0000	
620	7/1/10 - 6/30/11	CRA	\$4.78	0	\$0.00		\$0.0000	\$0.0000	
621	7/1/11 - 6/30/12	CRA	\$4.97	0	\$0.00		\$0.0000	\$0.0000	
622	7/1/12 - 6/30/13	CRA	\$5.17	0	\$0.00		\$0.0000	\$0.0000	
623	9/25/13 - 6/30/14	CRA	\$5.38	0	\$0.00		\$0.0000	\$0.0000	
624	7/1/14 - 9/25/14	CRA	\$5.59	0	\$0.00		\$0.0000	\$0.0000	
625	Response Documents								
626	WAM/WA		Per Document						
627	9/25/08 - 6/30/09	WA	\$0.1141	250,000	\$28,525.00	250445	\$28,575.7745	(\$50.7745)	WA1-2009
628	7/1/09 - 6/30/10	WA	\$0.1186	258,750	\$30,687.75	259750	\$30,806.3500	(\$118.6000)	WA1-2009/2010
629	7/1/10 - 6/30/11	WA	\$0.1233	267,806	\$33,020.51	278185	\$34,358.7900	(\$1,338.2794)	
630						19435	\$2,396.3400		wa-2010 Pilot
631						258750	\$31,903.8800		wa3-2010
632	(LARGE PRINT)					475	\$58.5700		wa3-2010
633	7/1/11 - 6/30/12	WA	\$0.1282	277,179	\$35,534.41	0	\$0.0000	\$35,534.4079	
634	7/1/12 - 6/30/13	WA	\$0.1334	286,881	\$38,269.89	611030	\$80,033.2000	(\$41,763.31)	
635						284270	\$36,443.4100		wa4-2011
636						32640	\$4,354.1800		wapilot3-2012
637						294120	\$39,235.6100		wa1-2013
638	9/25/13 - 6/30/14	WA	\$0.49	5,000	\$2,450.00		\$0.0000	\$2,450.0000	
639	7/1/14 - 9/25/14	WA	\$0.51	0	\$0.00		\$0.0000	\$0.0000	
640	Student Demographic Accountability Document		Per Document						
641	9/25/08 - 6/30/09	PA	\$0.1105	7,300	\$806.65	7300	\$806.6500	\$0.0000	PA1-2009
642	7/1/09 - 6/30/10	PA	\$0.1149	7,500	\$861.75	7500	\$861.7500	\$0.0000	PA1-2009/2010
643	7/1/10 - 6/30/11	PA	\$0.1195	0	\$0.00	0	\$0.0000	\$0.0000	
644	7/1/11 - 6/30/12	PA	\$0.1243	7,500	\$932.25	7500	\$896.25	\$36.0000	PA3-2010
645	7/1/12 - 6/30/13	PA	\$0.1293	8,200	\$1,060.26	8200	\$1,019.26	\$41.0000	pa3-2011
646	9/25/13 - 6/30/14	PA	\$0.13	8,446	\$1,097.98		\$0.0000	\$1,097.9800	
647	7/1/14 - 9/25/14	PA	\$0.14	0	\$0.00		\$0.0000	\$0.0000	
648	Portfolio Binder Package		Per Binder						
649	9/25/08 - 6/30/09	PA	\$4.9200	7,300	\$35,916.00	7300	\$35,916.0000	\$0.0000	PA1-2009
650	7/1/09 - 6/30/10	PA	\$5.1170	7,500	\$38,377.50	7500	\$38,377.5000	\$0.0000	PA1-2009/2010
651	7/1/10 - 6/30/11	PA	\$5.3200	0	\$0.00	0	\$0.0000	\$0.0000	
652	7/1/11 - 6/30/12	PA	\$5.5300	7,500	\$41,475.00	7500	\$39,900.0000	\$1,575.00	PA3-2010
653	7/1/12 - 6/30/13	PA	\$5.7600	25,121	\$144,696.96	25121	\$142,810.9600	\$1,886.00	
654						8200	\$45,346.0000		pa3-2011
655						8550	\$49,248.0000		PA4-2012
656						8371	\$48,216.9600		pa1-2013
657	9/25/13 - 6/30/14	PA	\$5.99	8,446	\$50,594.92		\$0.0000	\$50,594.9184	
658	7/1/14 - 9/25/14	PA	\$6.23	0	\$0.00		\$0.0000	\$0.0000	
659	A.12 Distribution Requirements Contractor Packaging & Distribution to LEAs A.12.b								
660	WAM/WA		Per System						
661	9/25/08 - 6/30/09	WA	\$284.00	0	\$0.00		\$0.0000	\$0.0000	
662	7/1/09 - 6/30/10	WA	\$295.00	0	\$0.00		\$0.0000	\$0.0000	
663	7/1/10 - 6/30/11	WA	\$307.00	59	\$18,113.00	59	\$18,113.0000	\$0.0000	wa-2010 Pilot
664	7/1/11 - 6/30/12	WA	\$319.00	0	\$0.00				
665	7/1/12 - 6/30/13	WA	\$332.00	778	\$258,296.00	778	\$253,148.0000	\$235,056.0000	
666						396	\$126,324.0000		wa4-2011
667						70	\$23,240.0000		wapilot3-2012
668						312	\$103,584.0000		wa1-2013
669									
670	9/25/13 - 6/30/14	WA	\$345.28	200	\$69,056.00		\$0.0000	\$69,056.0000	
671	7/1/14 - 9/25/14	WA	\$362.54	0	\$0.00		\$0.0000	\$0.0000	

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
672	CRA		Per System						
673	7/1/09 - 6/30/10	CRA	\$269.00	0	\$0.00		\$0.0000	\$0.0000	
674	7/1/10 - 6/30/11	CRA	\$280.00	139	\$38,920.00	139	\$40,449.0000	(\$1,529.0000)	cr3-2010
675	7/1/11 - 6/30/12	CRA	\$291.00	0	\$0.00	0	\$0.0000	\$0.0000	
676	7/1/12 - 6/30/13	CRA	\$303.00	752	\$227,856.00	752	\$227,856.0000	\$0.0000	
677						137	\$41,511.0000		cr3-2011
678						1	\$303.0000		cr-pilot 2012
679						201	\$60,903.0000		cr3-2012
680						219	\$66,357.0000		cr1-2013
681						194	\$58,782.0000		cr2-2013
682									
683	9/25/13 - 6/30/14	CRA	\$507.00	600	\$304,200.00		\$0.0000	\$304,200.0000	
684	7/1/14 - 9/25/14	CRA	\$532.35	0	\$0.00		\$0.0000	\$0.0000	
685	PA		Per System						
686	9/25/08 - 6/30/09	PA	\$222.00	155	\$34,410.00	155	\$34,410.0000	\$0.0000	PA1-2009
687	7/1/09 - 6/30/10	PA	\$231.00	161	\$37,191.00	161	\$37,191.0000	\$0.0000	PA1-2009/2010
688	7/1/10 - 6/30/11	PA	\$240.00	132	\$31,680.00	132	\$31,680.0000	\$0.0000	pa4-2010
689	7/1/11 - 6/30/12	PA	\$250.00	0	\$0.00	0	\$0.0000	\$0.0000	
690	7/1/12 - 6/30/13	PA	\$260.00	471	\$122,460.00	471	\$121,150.0000	\$1,310.0000	
691						131	\$32,750.0000		pa3-2011
692						145	\$37,700.0000		pa4-2012
693						195	\$50,700.0000		pa2-2013
694									
695	9/25/13 - 6/30/14	PA	\$273.00	200	\$54,600.00		\$0.0000	\$54,600.0000	
696	7/1/14 - 9/25/14	PA	\$286.65	0	\$0.00		\$0.0000	\$0.0000	
697	Contractor Packaging & Distribution to State Warehouse A.12.c								
698	WA/MWA		Total Cost						
699	9/25/08 - 6/30/09	WA	\$73,145.00	1	\$73,145.00	1	\$73,145.0000	\$0.0000	WA1-2009
700	7/1/09 - 6/30/10	WA	\$76,071.00	1	\$76,071.00	1	\$76,071.0000	\$0.0000	WA1-2009/2010
701	7/1/10 - 6/30/11	WA	\$79,114.00	1	\$79,114.00	1	\$79,114.0000	\$0.0000	wa3-2010
702	7/1/11 - 6/30/12	WA	\$82,278.00	0	\$0.00		\$0.0000	\$0.0000	
703	7/1/12 - 6/30/13	WA	\$85,569.00	0	\$0.00		\$0.0000	\$0.0000	
704	9/25/13 - 6/30/14	WA	\$89,847.45	0	\$0.00		\$0.0000	\$0.0000	
705	7/1/14 - 9/25/14	WA	\$94,339.82	0	\$0.00		\$0.0000	\$0.0000	
706	CRA		Total Cost						
707	7/1/09 - 6/30/10	CRA	\$70,694.00	0	\$0.00		\$0.0000	\$0.0000	
708	7/1/10 - 6/30/11	CRA	\$73,522.00	0	\$0.00		\$0.0000	\$0.0000	
709	7/1/11 - 6/30/12	CRA	\$76,493.00	0	\$0.00		\$0.0000	\$0.0000	
710	7/1/12 - 6/30/13	CRA	\$79,521.00	0	\$0.00		\$0.0000	\$0.0000	
711	9/25/13 - 6/30/14	CRA	\$83,497.05	0	\$0.00		\$0.0000	\$0.0000	
712	7/1/14 - 9/25/14	CRA	\$87,671.90	0	\$0.00		\$0.0000	\$0.0000	
713	PA		Total Cost						
714	9/25/08 - 6/30/09	PA	\$41,036.00	0	\$0.00		\$0.0000	\$0.0000	
715	7/1/09 - 6/30/10	PA	\$42,677.00	0	\$0.00		\$0.0000	\$0.0000	
716	7/1/10 - 6/30/11	PA	\$44,385.00	0	\$0.00		\$0.0000	\$0.0000	
717	7/1/11 - 6/30/12	PA	\$46,160.00	0	\$0.00		\$0.0000	\$0.0000	
718	7/1/12 - 6/30/13	PA	\$48,006.00	0	\$0.00		\$0.0000	\$0.0000	
719	9/25/13 - 6/30/14	PA	\$50,406.30	0	\$0.00		\$0.0000	\$0.0000	
720	7/1/14 - 9/25/14	PA	\$52,926.62	0	\$0.00		\$0.0000	\$0.0000	
721	A.13 Data Management								
722	Custom programming		Cost per hour						
723	9/25/08 - 6/30/09	CRA	\$73.01	0	\$0.00	0	\$0.0000	\$0.0000	
724	7/1/09 - 6/30/10	CRA	\$75.18	0	\$0.00	0	\$0.0000	\$0.0000	
725	7/1/10 - 6/30/11	CRA	\$77.35	0	\$0.00	0	\$0.0000	\$0.0000	
726	7/1/11 - 6/30/12	CRA	\$79.52	0	\$0.00	0	\$0.0000	\$0.0000	
727									
728	7/1/12 - 6/30/13	CRA	\$79.52	251	\$19,959.52	251	\$19,959.5200	\$0.0000	cr4-2011
729	7/1/12 - 6/30/13	CRA	\$79.52	929	\$73,874.08	929	\$73,874.0800	\$0.0000	cr1-2012
730	7/1/12 - 6/30/13	CRA	\$79.52	1684	\$133,911.68	1684	\$133,911.6800	\$0.0000	cr1-2012
731	7/1/12 - 6/30/13	WA	\$79.52	89	\$7,077.28	89	\$7,077.2800	\$0.0000	wa2-2012
732	7/1/12 - 6/30/13	WA	\$81.69	26	\$2,123.94	26	\$2,123.9400	\$0.0000	wapilot3-2012
733	7/1/12 - 6/30/13	CRA	\$81.69	277	\$22,628.13	277	\$22,628.1300	\$0.0000	cr4-2012
734	7/1/12 - 6/30/13	WA	\$81.69	12	\$980.28	12	\$980.2800	\$0.0000	wa1-2013
735	7/1/12 - 6/30/13	CRA	\$81.69	682	\$55,671.7350	682	\$55,671.7400	(\$0.0050)	cr1-2013
736									

	A	B	C	D	E	F	G	H	I
4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
737	9/25/13 - 6/30/14	WA	\$84.96	1,500	\$127,440.00		\$0.0000	\$127,440.0000	
738	9/25/13 - 6/30/14	CRA	\$84.96	1,500	\$127,440.00		\$0.0000	\$127,440.0000	
739									
740	7/1/14 - 9/25/14	WA	\$88.36	0	\$0.00		\$0.0000	\$0.0000	
741	7/1/14 - 9/25/14	CRA	\$88.36	0	\$0.00		\$0.0000	\$0.0000	
742	Website Hosting A.13.b-c		Cost per application/month						
743									
744	9/25/08 - 6/30/09	WA	\$12,461.00	2	\$24,922.00	2	\$24,922.0000	\$0.0000	WA2-2009
745	9/25/08 - 6/30/09	PA	\$12,461.00	2	\$24,922.00	2	\$24,922.0000	\$0.0000	pa2-2009
746									
747	7/1/09 - 6/30/10	WA	\$7,786.00	2	\$15,572.00	2	\$11,679.0000	\$3,893.0000	WA1-2009/2010
748									
749	7/1/10 - 6/30/11	PA	\$8,050.00	4	\$32,200.00	4	\$31,144.0000	\$1,056.0000	PA1-2010
750	7/1/10 - 6/30/11	WA	\$8,050.00	4	\$32,200.00	4	\$31,144.0000	\$1,056.0000	wa1-2010
751	7/1/10 - 6/30/11	CRA	\$8,050.00	1	\$8,050.00	1	\$8,050.0000	\$0.0000	cr3-2010
752	7/1/10 - 6/30/11	WA	\$8,050.00	7	\$56,350.00	7	\$56,350.0000	\$0.0000	wa3-2010
753	7/1/10 - 6/30/11	PA	\$8,050.00	6	\$48,300.00	6	\$48,300.0000	\$0.0000	pa4-2010
754									
755	7/1/11 - 6/30/12	WA	\$8,050.00	5	\$40,250.00	5	\$40,250.0000	\$0.0000	wa2-2010
756	7/1/11 - 6/30/12	PA	\$8,050.00	5	\$40,250.00	5	\$40,250.0000	\$0.0000	PA3-2010
757	7/1/11 - 6/30/12	WA	\$8,050.00	5	\$40,250.00	5	\$40,250.0000	\$0.0000	WA1-2011
758	7/1/11 - 6/30/12	CRA	\$8,050.00	1	\$8,050.00	1	\$8,050.0000	\$0.0000	CR1-2011
759	7/1/11 - 6/30/12	PA	\$8,050.00	5	\$40,250.00	5	\$40,250.0000	\$0.0000	pa1-2011
760	7/1/11 - 6/30/12	WA	\$8,321.00	8	\$66,568.00	8	\$66,568.0000	\$0.0000	wa2-2011
761	7/1/11 - 6/30/12	WA	\$8,050.00	4	\$32,200.00	4	\$32,200.0000	\$0.0000	wa2-2011
762	7/1/11 - 6/30/12	PA	\$8,321.00	8	\$66,568.00	8	\$66,568.0000	\$0.0000	pa2-2011
763	7/1/11 - 6/30/12	PA	\$8,050.00	4	\$32,200.00	4	\$32,200.0000	\$0.0000	pa2-2011
764									
765	7/1/12 - 6/30/13	WA	\$8,321.00	5	\$41,605.00	5	\$41,605.0000	\$0.0000	wa3-2011
766	7/1/12 - 6/30/13	PA	\$8,321.00	4	\$33,284.00	4	\$33,284.0000	\$0.0000	pa3-2011
767	7/1/12 - 6/30/13	WA	\$8,321.00	7	\$58,247.00	7	\$58,247.0000	\$0.0000	wa4-2011
768	7/1/12 - 6/30/13	CRA	\$8,321.00	3	\$24,963.00	3	\$24,963.0000	\$0.0000	cr1-2012
769	7/1/12 - 6/30/13	PA	\$8,321.00	7	\$58,247.00	7	\$58,247.0000	\$0.0000	pa4-2011
770	7/1/12 - 6/30/13	WA	\$8,321.00	6	\$49,926.00	6	\$49,926.0000	\$0.0000	wa2-2012
771	7/1/12 - 6/30/13	CRA	\$8,321.00	3	\$24,963.00	3	\$24,963.0000	\$0.0000	cr2-2012
772	7/1/12 - 6/30/13	PA	\$8,321.00	6	\$49,926.00	6	\$49,926.0000	\$0.0000	PA2-2012
773	7/1/12 - 6/30/13	WA	\$8,601.00	7	\$60,207.00	7	\$60,207.0000	\$0.0000	WA3-2012
774	7/1/12 - 6/30/13	WA	\$8,601.00	5	\$43,005.00	5	\$43,005.0000	\$0.0000	wapilot3-2012
775	7/1/12 - 6/30/13	CRA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	cr3-2012
776	7/1/12 - 6/30/13	PA	\$8,601.00	6	\$51,606.00	6	\$51,606.0000	\$0.0000	PA3-2012
777	7/1/12 - 6/30/13	WA	\$8,601.00	7	\$60,207.00	7	\$60,207.0000	\$0.0000	wa4-2012
778	7/1/12 - 6/30/13	CRA	\$8,601.00	4	\$34,404.00	4	\$34,404.0000	\$0.0000	cr4-2012
779	7/1/12 - 6/30/13	PA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	pa4-2012
780	7/1/12 - 6/30/13	WA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	wa1-2013
781	7/1/12 - 6/30/13	WA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	wa1-2013
782	7/1/12 - 6/30/13	WA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	wa1-2013
783	7/1/12 - 6/30/13	WA	\$8,601.00	2	\$17,202.00	2	\$17,202.0000	\$0.0000	wa1-2013
784	7/1/12 - 6/30/13	WA	\$8,601.00	1	\$8,601.00	1	\$8,601.0000	\$0.0000	wa1-2013
785	7/1/12 - 6/30/13	WA	\$8,601.00	1	\$8,601.00	1	\$8,601.0000	\$0.0000	wa1-2013
786	7/1/12 - 6/30/13	CRA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	cr1-2013
787	7/1/12 - 6/30/13	CRA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	cr1-2013
788	7/1/12 - 6/30/13	PA	\$8,601.00	1	\$8,601.00	1	\$8,601.0000	\$0.0000	pa1-2013
789	7/1/12 - 6/30/13	PA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	pa1-2013
790	7/1/12 - 6/30/13	WA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	wa2-2013
791	7/1/12 - 6/30/13	WA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	wa2-2013
792	7/1/12 - 6/30/13	WA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	wa2-2013
793	7/1/12 - 6/30/13	CRA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	cr2-2013
794	7/1/12 - 6/30/13	PA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	pa2-2013
795	7/1/12 - 6/30/13	PA	\$8,601.00	3	\$25,803.00	3	\$25,803.0000	\$0.0000	pa2-2013
796									
797	9/25/13 - 6/30/14	WA	\$8,945.04	48	\$429,361.92		\$0.0000	\$429,361.9200	
798	9/25/13 - 6/30/14	CRA	\$8,945.04	36	\$322,021.44		\$0.0000	\$322,021.4400	
799	9/25/13 - 6/30/14	PA	\$8,945.04	36	\$322,021.44		\$0.0000	\$322,021.4400	
800	9/25/13 - 6/30/14	CTE	\$1,280.00	8.00	\$10,240.00		\$0.0000	\$10,240.0000	
801									

	A	B	C	D	E	F	G	H	I
4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
802	7/1/14 - 9/25/14	WA	\$9,302.84	0	\$0.00		\$0.0000	\$0.0000	
803	7/1/14 - 9/25/14	CRA	\$9,302.84	0	\$0.00		\$0.0000	\$0.0000	
804	7/1/14 - 9/25/14	PA	\$9,302.84	0	\$0.00		\$0.0000	\$0.0000	
805	7/1/14 - 9/25/14	CTE	\$1,331.20	0	\$0.00		\$0.0000	\$0.0000	
806	Pre-coding/Bar code labels A.13.b								
807	WA/MWA Pre-Coding Setup (includes website setup & customization, support documentation and training)		Per Year						
808	7/1/09 - 6/30/10	WA	\$10,143.00	1	\$10,143.00	1	\$10,143.0000	\$0.0000	WA1-2009/2010
809	9/25/13 - 6/30/14	CTE	\$8,651.00	1.00	\$8,651.00		\$0.0000	\$8,651.0000	
810	WA/MWA Pre-coding Support & maintenance (includes data uploads, pre-coding and reviews)		Per month						
811	9/25/08 - 6/30/09	WA	\$5,834.00	2	\$11,668.00		\$0.0000	\$11,668.0000	
812	7/1/09 - 6/30/10	WA	\$6,009.00	2	\$12,018.00	2	\$12,018.0000	\$0.0000	WA1-2009/2010
813	7/1/10 - 6/30/11	WA	\$6,188.00	2	\$12,376.00	2	\$12,376.0000	\$0.0000	wa3-2010
814	7/1/11 - 6/30/12	WA	\$6,373.00	2	\$12,746.00	0	\$0.0000	\$12,746.0000	
815	7/1/12 - 6/30/13	WA	\$6,563.00	2	\$13,126.00	3	\$19,309.0000	(\$6,183.0000)	
816						2	\$12,746.0000		wa3-2011
817						1	\$6,563.0000		wa1-2013
818	9/25/13 - 6/30/14	WA	\$6,825.52	4	\$27,302.08		\$0.0000	\$27,302.0800	
819	9/25/13 - 6/30/14	CTE	\$6,825.52	2.00	\$13,651.04		\$0.0000	\$13,651.0400	
820									
821	7/1/14 - 9/25/14	WA	\$7,098.54	0	\$0.00		\$0.0000	\$0.0000	
822	7/1/14 - 9/25/14	CTE	\$7,098.54	0	\$0.00		\$0.0000	\$0.0000	
823	WA/MWA Pre-code response documents		Per document						
824	9/25/08 - 6/30/09	WA	\$0.0550	237,800	\$13,079.00				
825	7/1/09 - 6/30/10	WA	\$0.0570	246,123	\$14,029.01	213830	\$12,188.31	\$1,840.7010	WA1-2009/2010
826	7/1/10 - 6/30/11	WA	\$0.0590	254,738	\$15,029.54	258750	\$15,266.25	(\$236.7080)	wa3-2010
827	7/1/11 - 6/30/12	WA	\$0.0620	263,653	\$16,346.49	0	\$0.0000	\$16,346.4860	
828	7/1/12 - 6/30/13	WA	\$0.0640	272,887	\$17,464.77	294559	\$18,416.3880	(\$951.6200)	
829						217694	\$13,497.03		wa4-2011
830						76865	\$4,919.36		wa1-2013
831	9/25/13 - 6/30/14	WA	\$0.07	0	\$0.00				
832	7/1/14 - 9/25/14	WA	\$0.07	0	\$0.00				
833	WA/MWA Bar-code labels		Per label						
834	9/25/08 - 6/30/09	WA	\$0.0210	0	\$0.00		\$0.0000	\$0.0000	
835	7/1/09 - 6/30/10	WA	\$0.0220	41,443	\$911.75	41443	\$911.7460	\$0.0000	WA1-2009/2010
836	7/1/10 - 6/30/11	WA	\$0.0230	25,408	\$584.38	25408	\$584.3800	\$0.0040	
837						20110	\$462.5300		wa-2010 Pilot
838						5298	\$121.8500		wa3-2010
839	7/1/11 - 6/30/12	WA	\$0.0240	0	\$0.00		\$0.0000	\$0.0000	
840	7/1/12 - 6/30/13	WA	\$0.0250	44,262	\$1,106.55	44262	\$1,106.5500	\$0.0000	wa1-2013
841	9/25/13 - 6/30/14	WA	\$0.03	0	\$0.00		\$0.0000	\$0.0000	
842	7/1/14 - 9/25/14	WA	\$0.03	0	\$0.00		\$0.0000	\$0.0000	
843	CRA Pre-Coding Setup (includes website setup & customization, support documentation and training)		Per Year						
844	7/1/09 - 6/30/10	CRA	\$8,129.00	1	\$8,129.00		\$0.0000	\$8,129.0000	
845	CRA Pre-coding Support & maintenance (includes data uploads, pre-coding and reviews)		Per month						
846	7/1/09 - 6/30/10	CRA	\$6,009.00	0	\$0.00		\$0.0000	\$0.0000	
847	7/1/10 - 6/30/11	CRA	\$6,188.00	2	\$12,376.00		\$0.0000	\$12,376.0000	
848	7/1/11 - 6/30/12	CRA	\$6,373.00	2	\$12,746.00		\$0.0000	\$12,746.0000	
849	7/1/12 - 6/30/13	CRA	\$6,563.00	2	\$13,126.00		\$0.0000	\$13,126.0000	
850	9/25/13 - 6/30/14	CRA	\$6,825.52	0	\$0.00		\$0.0000	\$0.0000	
851	7/1/14 - 9/25/14	CRA	\$7,098.54	0	\$0.00		\$0.0000	\$0.0000	
852	CRA Pre-code response documents		Per document						
853	7/1/09 - 6/30/10	CRA	\$0.0570	0	\$0.00		\$0.0000	\$0.0000	
854	7/1/10 - 6/30/11	CRA	\$0.0590	181,125	\$10,686.38		\$0.0000	\$10,686.3750	
855	7/1/11 - 6/30/12	CRA	\$0.0620	187,464	\$11,622.77		\$0.0000	\$11,622.7680	
856	7/1/12 - 6/30/13	CRA	\$0.0640	194,026	\$12,417.66	404559	\$25,891.7760	(\$13,474.1120)	cr2-2013
857	9/25/13 - 6/30/14	CRA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	

	A	B	C	D	E	F	G	H	I
4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
858	7/1/14 - 9/25/14	CRA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
859	CRA Bar-code labels		Per label						
860	7/1/09 - 6/30/10	CRA	\$0.0220	0	\$0.00		\$0.0000	\$0.0000	
861	7/1/10 - 6/30/11	CRA	\$0.0230	0	\$0.00	210693	\$5,056.6320	(\$5,056.6320)	cr3-2010
862	7/1/11 - 6/30/12	CRA	\$0.0240	0	\$0.00	0	\$0.0000	\$0.0000	
863	7/1/12 - 6/30/13	CRA	\$0.0250	0	\$0.00	340576	\$8,514.4000	(\$8,514.4000)	
864						199792	\$4,994.80		CR3-2011
865						140784	\$3,519.60		cr2-2013
866	9/25/13 - 6/30/14	CRA	\$0.03	0	\$0.00		\$0.0000	\$0.0000	
867	7/1/14 - 9/25/14	CRA	\$0.03	0	\$0.00		\$0.0000	\$0.0000	
868	Student Demographic Data Verification A.13.c								
869	WA/MWA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)		Per Year						
870	9/25/08 - 6/30/09	WA	\$10,862.00	1	\$10,862.00	1	\$10,862.0000	\$0.0000	WA2-2009
871	9/25/13 - 6/30/14	CTE	\$5,460.00	1.00	\$5,460.00		\$0.0000	\$5,460.0000	
872	WA/MWA Student Demographic Data Verification Support & maintenance		Per month						
873	9/25/08 - 6/30/09	WA	\$5,054.00	2	\$10,108.00	1	\$5,054.0000	\$5,054.0000	WA2-2009
874	7/1/09 - 6/30/10	WA	\$5,205.00	2	\$10,410.00	0	\$0.0000	\$10,410.0000	
875	7/1/10 - 6/30/11	WA	\$5,356.00	2	\$10,712.00	2	\$10,410.0000	\$302.0000	WA1-2010
876	7/1/11 - 6/30/12	WA	\$5,508.00	2	\$11,016.00	1	\$5,356.0000	\$5,660.0000	WA1-2011
877	7/1/12 - 6/30/13	WA	\$5,659.00	2	\$11,318.00	2	\$11,167.0000	\$151.0000	
878						1	\$5,508.0000		wa4-2011
879						1	\$5,659.0000		wa1-2013
880	9/25/13 - 6/30/14	WA	\$5,885.36	4	\$23,541.44		\$0.0000	\$23,541.4400	
881	9/25/13 - 6/30/14	CTE	\$2,814.00	1	\$2,814.00		\$0.0000	\$2,814.0000	
882									
883	7/1/14 - 9/25/14	WA	\$6,120.77	0	\$0.00		\$0.0000	\$0.0000	
884	7/1/14 - 9/25/14	CTE	\$2,926.56	0	\$0.00		\$0.0000	\$0.0000	
885	CRA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)		Per Year						
886	7/1/12 - 6/30/13	CRA	\$10,862.00	1	\$10,862.00	1	\$10,862.0000	\$0.0000	cr1-2012
887	CRA Student Demographic Data Verification Support & maintenance		Per month						
888	7/1/09 - 6/30/10	CRA	\$5,205.00	0	\$0.00		\$0.0000	\$0.0000	
889	7/1/10 - 6/30/11	CRA	\$5,356.00	2	\$10,712.00		\$0.0000	\$10,712.0000	
890	7/1/11 - 6/30/12	CRA	\$5,508.00	0	\$0.00	0	\$0.0000	\$0.0000	
891	7/1/12 - 6/30/13	CRA	\$5,659.00	2	\$11,318.00	1	\$5,659.0000	\$5,659.0000	cr1-2012
892	9/25/13 - 6/30/14	CRA	\$5,885.36	0	\$0.00		\$0.0000	\$0.0000	
893	7/1/14 - 9/25/14	CRA	\$6,120.77	0	\$0.00		\$0.0000	\$0.0000	
894	PA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)		Per Year						
895	9/25/08 - 6/30/09	PA	\$10,862.00	1	\$10,862.00	1	\$10,862.0000	\$0.0000	PA2-2009
896	PA Student Demographic Data Verification Support & maintenance		Per month						
897	9/25/08 - 6/30/09	PA	\$2,527.00	2	\$5,054.00	1	\$2,527.0000	\$2,527.0000	PA2-2009
898	7/1/09 - 6/30/10	PA	\$2,603.00	2	\$5,206.00	0	\$0.0000	\$5,206.0000	
899	7/1/10 - 6/30/11	PA	\$2,678.00	2	\$5,356.00	2	\$5,206.0000	\$150.0000	PA1-2010
900	7/1/11 - 6/30/12	PA	\$2,754.00	2	\$5,508.00	1	\$2,678.0000	\$2,830.0000	pa1-2011
901	7/1/12 - 6/30/13	PA	\$2,829.00	2	\$5,658.00	2	\$5,583.0000	\$75.0000	
902						1	\$2,754.0000		pa4-2011
903						1	\$2,829.0000		pa1-2013
904	9/25/13 - 6/30/14	PA	\$2,942.16	2	\$5,884.32		\$0.0000	\$5,884.3200	
905	7/1/14 - 9/25/14	PA	\$3,059.85	0	\$0.00		\$0.0000	\$0.0000	
906	A.14 Scoring Activities and A.15 Processing Activities								
907	Range Finding A.14.a								

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
					1 for operational RF, .5 for all other phases (per test) - this will include scoring guides for local scoring				
908	WA Range Finding		Per Meeting						
909	9/25/08 - 6/30/09	WA	\$19,218.00	3	\$57,654.00	3	\$57,654.0000	\$0.0000	WA2-2009
910	7/1/09 - 6/30/10	WA	\$19,986.00	3	\$59,958.00	0	\$0.0000	\$59,958.0000	
911	7/1/10 - 6/30/11	WA	\$20,786.00	3	\$62,358.00	3	\$59,958.0000	\$2,400.0000	WA1-2010
912	7/1/11 - 6/30/12	WA	\$21,617.00	3	\$64,851.00	3	\$62,358.0000	\$2,493.0000	WA1-2011
913	7/1/12 - 6/30/13	WA	\$22,482.00	3	\$67,446.00	6	\$132,297.0000	(\$64,851.0000)	
914						3	\$64,851.0000		wa4-2011
915						3	\$67,446.0000		wa1-2013
916	9/25/13 - 6/30/14	WA	\$23,381.28	15	\$350,719.20		\$0.0000	\$350,719.2000	
917	7/1/14 - 9/25/14	WA	\$24,316.53	0	\$0.00		\$0.0000	\$0.0000	
918	MWA Range Finding		Per Meeting						
919	9/25/08 - 6/30/09	WA	\$5,010.00	0	\$0.00		\$0.0000	\$0.0000	
920	7/1/09 - 6/30/10	WA	\$5,210.00	0	\$0.00		\$0.0000	\$0.0000	
921	7/1/10 - 6/30/11	WA	\$5,419.00	0	\$0.00		\$0.0000	\$0.0000	
922	7/1/11 - 6/30/12	WA	\$5,636.00	0	\$0.00		\$0.0000	\$0.0000	
923	7/1/12 - 6/30/13	WA	\$5,861.00	0	\$0.00		\$0.0000	\$0.0000	
924	9/25/13 - 6/30/14	WA	\$6,095.44	0	\$0.00		\$0.0000	\$0.0000	
925	7/1/14 - 9/25/14	WA	\$6,339.26	0	\$0.00		\$0.0000	\$0.0000	
926	WMA/MWA Pilot Range Finding		Per Meeting						
927	9/25/08 - 6/30/09	WA	\$0.00	1	\$0.00		\$0.0000	\$0.0000	
928	7/1/09 - 6/30/10	WA	\$37,432.00	1	\$37,432.00		\$0.0000	\$37,432.0000	
929	7/1/10 - 6/30/11	WA	\$0.00	1	\$0.00		\$0.0000	\$0.0000	
930	7/1/11 - 6/30/12	WA	\$40,486.00	1	\$40,486.00	0	\$0.0000	\$40,486.0000	
931	7/1/12 - 6/30/13	WA	\$0.00	1	\$0.00	3	\$121,458.0000	(\$121,458.0000)	wapilot3-2012
932	9/25/13 - 6/30/14	WA	\$43,724.88	0	\$0.00		\$0.0000	\$0.0000	
933	7/1/14 - 9/25/14	WA	\$0.00	0	\$0.00		\$0.0000	\$0.0000	
934	CRA Range Finding		Per Meeting						
935	7/1/09 - 6/30/10	CRA	\$32,400.00	0	\$0.00		\$0.0000	\$0.0000	
936	7/1/10 - 6/30/11	CRA	\$33,696.00	2	\$67,392.00		\$0.0000	\$67,392.0000	
937	7/1/11 - 6/30/12	CRA	\$35,044.00	2	\$70,088.00	2	\$67,392.0000	\$2,696.0000	CR1-2011
938	7/1/12 - 6/30/13	CRA	\$36,446.00	2	\$72,892.00	21.00	\$765,366.0000	(\$692,474.0000)	
939						5.00	\$182,230.0000		cr1-2012
940						6.00	\$218,676.0000		cr-pilot 2012
941						0.50	\$18,223.0000		cr3-2012
942						0.50	\$18,223.0000		cr4-2012
943						3.00	\$109,338.0000		cr1-2013
944						6.00	\$218,676.0000		cr2-2013
945									
946	9/25/13 - 6/30/14	CRA	\$22,903.84	17	\$389,365.28		\$0.0000	\$389,365.2800	
947	7/1/14 - 9/25/14	CRA	\$23,819.99	0	\$0.00		\$0.0000	\$0.0000	
948	PA Range Finding (includes Advisory Committee)		Per Meeting						
949	9/25/08 - 6/30/09	PA	\$25,050.00	1	\$25,050.00	1	\$25,050.0000	\$0.0000	PA1-2009
950	7/1/09 - 6/30/10	PA	\$25,801.00	1	\$25,801.00	0	\$0.0000	\$25,801.0000	
951	7/1/10 - 6/30/11	PA	\$26,576.00	1	\$26,576.00	1	\$25,801.0000	\$775.0000	PA1-2010
952	7/1/11 - 6/30/12	PA	\$27,373.00	1	\$27,373.00	1	\$26,576.0000	\$797.0000	pa1-2011
953	7/1/12 - 6/30/13	PA	\$28,194.00	1	\$28,194.00	1	\$28,194.0000	\$0.0000	pa1-2013
954	9/25/13 - 6/30/14	PA	\$29,321.76	1	\$29,321.76		\$0.0000	\$29,321.7600	
955	7/1/14 - 9/25/14	PA	\$30,494.63	0	\$0.00		\$0.0000	\$0.0000	
956	Room Leader and Reader Training A.14.c								
957	WA Room Leader and Reader Training		Per Meeting						
958	9/25/08 - 6/30/09	WA	\$39,196.00	3	\$117,588.00	3	\$117,588.0000	\$0.0000	WA2-2009
959	7/1/09 - 6/30/10	WA	\$40,763.00	3	\$122,289.00	0	\$0.0000	\$122,289.0000	
960	7/1/10 - 6/30/11	WA	\$42,394.00	3	\$127,182.00	3	\$122,289.0000	\$4,893.0000	WA1-2010
961	7/1/11 - 6/30/12	WA	\$44,089.00	3	\$132,267.00	3	\$127,182.0000	\$5,085.0000	WA1-2011
962	7/1/12 - 6/30/13	WA	\$45,853.00	3	\$137,559.00	6	\$269,826.0000	(\$132,267.0000)	
963						3	\$132,267.0000		wa4-2011
964						3	\$137,559.0000		wa1-2013
965	9/25/13 - 6/30/14	WA	\$47,687.12	5	\$238,435.60		\$0.0000	\$238,435.6000	
966	7/1/14 - 9/25/14	WA	\$49,594.60	0	\$0.00		\$0.0000	\$0.0000	

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4	MWA Room Leader and Reader Training		Per Meeting						
967	9/25/08 - 6/30/09	WA	\$27,559.00	0	\$0.00		\$0.0000	\$0.0000	
969	7/1/09 - 6/30/10	WA	\$27,386.00	0	\$0.00		\$0.0000	\$0.0000	
970	7/1/10 - 6/30/11	WA	\$29,237.00	0	\$0.00		\$0.0000	\$0.0000	
971	7/1/11 - 6/30/12	WA	\$30,115.00	0	\$0.00		\$0.0000	\$0.0000	
972	7/1/12 - 6/30/13	WA	\$31,015.00	0	\$0.00		\$0.0000	\$0.0000	
973	9/25/13 - 6/30/14	WA	\$32,255.60	0	\$0.00		\$0.0000	\$0.0000	
974	7/1/14 - 9/25/14	WA	\$33,545.82	0	\$0.00		\$0.0000	\$0.0000	
975	WA/MWA Pilot Room Leader and Reader Training		Per Meeting						
976	9/25/08 - 6/30/09	WA	\$0.00	0	\$0.00		\$0.0000	\$0.0000	
977	7/1/09 - 6/30/10	WA	\$32,196.00	1	\$32,196.00		\$0.0000	\$32,196.0000	
978	7/1/10 - 6/30/11	WA	\$0.00	0	\$0.00	1	\$32,196.0000	(\$32,196.0000)	wapilot2-2010
979	7/1/11 - 6/30/12	WA	\$34,823.00	1	\$34,823.00	0	\$0.0000	\$34,823.0000	
980	7/1/12 - 6/30/13	WA	\$0.00	0	\$0.00	4.50	\$156,703.5000	(\$156,703.5000)	
981						3.00	\$104,469.0000		wapilot3-2012
982						0.50	\$17,411.5000		wapilot3-2012
983						1.00	\$34,823.0000		wapilot4-2012
984	9/25/13 - 6/30/14	WA	\$37,608.84	0	\$0.00		\$0.0000	\$0.0000	
985	7/1/14 - 9/25/14	WA	\$0.00	0	\$0.00		\$0.0000	\$0.0000	
986	CRA Room Leader and Reader Training		Per Meeting						
987	7/1/09 - 6/30/10	CRA	\$104,270.00	0	\$0.00		\$0.0000	\$0.0000	
988	7/1/10 - 6/30/11	CRA	\$108,441.00	2	\$216,882.00	0	\$0.0000	\$216,882.0000	
989	7/1/11 - 6/30/12	CRA	\$112,779.00	2	\$225,558.00	2	\$225,558.0000	\$0.0000	CR1-2011
990	7/1/12 - 6/30/13	CRA	\$117,290.00	2	\$234,580.00	5	\$586,450.0000	(\$351,870.0000)	
991						2	\$234,580.0000		cr1-2012
992						3	\$351,870.0000		cr-pilot 2012
993	9/25/13 - 6/30/14	CRA	\$121,981.60	8.75	\$1,067,339.00		\$0.0000	\$1,067,339.0000	
994	7/1/14 - 9/25/14	CRA	\$126,860.86	0	\$0.00		\$0.0000	\$0.0000	
995	PA Room Leader and Reader Training		Per Meeting						
996	9/25/08 - 6/30/09	PA	\$54,871.00	1	\$54,871.00	1	\$54,871.0000	\$0.0000	PA2-2009
997	7/1/09 - 6/30/10	PA	\$56,517.00	1	\$56,517.00	0	\$0.0000	\$56,517.0000	
998	7/1/10 - 6/30/11	PA	\$58,213.00	1	\$58,213.00	1	\$56,517.0000	\$1,696.0000	PA1-2010
999	7/1/11 - 6/30/12	PA	\$59,959.00	1	\$59,959.00	1	\$58,213.0000	\$1,746.0000	pa1-2011
1000	7/1/12 - 6/30/13	PA	\$61,757.00	1	\$61,757.00	2	\$121,716.0000	(\$59,959.0000)	
1001						1	\$59,959.0000		pa4-2011
1002						1	\$61,757.0000		pa1-2013
1003	9/25/13 - 6/30/14	PA	\$64,227.28	1	\$64,227.28		\$0.0000	\$64,227.2800	
1004	7/1/14 - 9/25/14	PA	\$66,796.37	0	\$0.00		\$0.0000	\$0.0000	
1005	Assessment Scoring A.14.e								
1006	WA/MWA scoring w/ 2 hand scorers		Per Test						
1007	9/25/08 - 6/30/09	WA	\$2.98	215,000	\$640,700.00	207594	\$618,630.1200	\$22,069.8800	WA2-2009
1008	7/1/09 - 6/30/10	WA	\$3.10	222,525	\$689,827.50		\$0.0000	\$689,827.5000	
1009	7/1/10 - 6/30/11	WA	\$3.22	230,313	\$741,607.86	212712	\$659,407.2000	\$82,200.6600	WA1-2010
1010	7/1/11 - 6/30/12	WA	\$3.35	238,374	\$798,552.90	213401	\$687,151.2200	\$111,401.6800	WA1-2011
1011	7/1/12 - 6/30/13	WA	\$3.49	246,717	\$861,042.33	209752	\$732,034.4800	\$129,007.8500	wa1-2013
1012	9/25/13 - 6/30/14	WA	\$5.75	774,000	\$4,450,500.00		\$0.0000	\$4,450,500.0000	
1013	7/1/14 - 9/25/14	WA	\$5.98	0	\$0.00		\$0.0000	\$0.0000	
1014	WA/MWA scoring w/ hand scorers & AI		Per Test						
1015	9/25/08 - 6/30/09	WA	\$3.81	0	\$0.00		\$0.0000	\$0.0000	
1016	7/1/09 - 6/30/10	WA	\$3.96	0	\$0.00		\$0.0000	\$0.0000	
1017	7/1/10 - 6/30/11	WA	\$4.12	0	\$0.00		\$0.0000	\$0.0000	
1018	7/1/11 - 6/30/12	WA	\$4.29	0	\$0.00		\$0.0000	\$0.0000	
1019	7/1/12 - 6/30/13	WA	\$4.46	0	\$0.00		\$0.0000	\$0.0000	
1020	9/25/13 - 6/30/14	WA	\$4.64	0	\$0.00		\$0.0000	\$0.0000	
1021	7/1/14 - 9/25/14	WA	\$4.82	0	\$0.00		\$0.0000	\$0.0000	
1022	WA/MWA scoring w/ AI		Per Test						
1023	9/25/08 - 6/30/09	WA	\$3.51	0	\$0.00		\$0.0000	\$0.0000	
1024	7/1/09 - 6/30/10	WA	\$3.65	0	\$0.00		\$0.0000	\$0.0000	
1025	7/1/10 - 6/30/11	WA	\$3.80	0	\$0.00		\$0.0000	\$0.0000	
1026	7/1/11 - 6/30/12	WA	\$3.95	0	\$0.00		\$0.0000	\$0.0000	
1027	7/1/12 - 6/30/13	WA	\$4.10	0	\$0.00		\$0.0000	\$0.0000	

	A	B	C	D	E	F	G	H	I
4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
1028	9/25/13 - 6/30/14	WA	\$3.10	0	\$0.00		\$0.0000	\$0.0000	
1029	7/1/14 - 9/25/14	WA	\$3.22	0	\$0.00		\$0.0000	\$0.0000	
1030	AI Model building		Per Test						
1031	9/25/13 - 6/30/14	WA	\$3,600.00	0	\$0.00		\$0.0000	\$0.0000	
1032	7/1/14 - 9/25/14	WA	\$3,744.00	0	\$0.00		\$0.0000	\$0.0000	
1033	WA AI Handscoring and monitoring		Per Test						
1034	9/25/13 - 6/30/14	WA	\$56,914.98	0	\$0.00		\$0.0000	\$0.0000	
1035	7/1/14 - 9/25/14	WA	\$59,191.58	0	\$0.00		\$0.0000	\$0.0000	
1036	WA/MWA Pilot scoring w/ 2 hand scorers		Per Test						
1037	7/1/09 - 6/30/10	WA	\$6.31	5,500	\$34,705.00				
1038	7/1/10 - 6/30/11	WA	\$6.31	0	\$0.00	15389	\$97,104.5900	(\$97,104.5900)	wapilot2-2010
1039	7/1/11 - 6/30/12	WA	\$6.82	5,500	\$37,510.00				
1040	7/1/12 - 6/30/13	WA	\$6.82	0	\$0.00	27633	\$188,457.0600	(\$188,457.0600)	wapilot3-2012
1041	9/25/13 - 6/30/14	WA	\$7.09	0	\$0.00		\$0.0000	\$0.0000	
1042	7/1/14 - 9/25/14	WA	\$7.38	0	\$0.00		\$0.0000	\$0.0000	
1043	WA/MWA Pilot scoring w/ hand scorers & AI		Per Test						
1044	7/1/09 - 6/30/10	WA	\$6.61	0	\$0.00		\$0.0000	\$0.0000	
1045	7/1/11 - 6/30/12	WA	\$7.15	0	\$0.00		\$0.0000	\$0.0000	
1046	9/25/13 - 6/30/14	WA	\$7.44	0	\$0.00		\$0.0000	\$0.0000	
1047	7/1/14 - 9/25/14	WA	\$7.73	0	\$0.00		\$0.0000	\$0.0000	
1048	CRA Scoring w/ 2 hand scorers		Per Test						
1049	7/1/09 - 6/30/10	CRA	\$11.16	0	\$0.00		\$0.0000	\$0.0000	
1050	7/1/10 - 6/30/11	CRA	\$11.60	0	\$0.00		\$0.0000	\$0.0000	
1051	7/1/11 - 6/30/12	CRA	\$12.07	144,629	\$1,745,672.03	144629	\$1,745,672.0300	\$0.0000	CR1-2011
1052	7/1/12 - 6/30/13	CRA	\$12.55	147,176	\$1,847,058.80	147176	\$1,847,058.8000	\$0.0000	cr1-2012
1053	9/25/13 - 6/30/14	CRA	\$9.55	432,523	\$4,130,594.65		\$0.0000	\$4,130,594.6500	
1054	7/1/14 - 9/25/14	CRA	\$9.93	0	\$0.00		\$0.0000	\$0.0000	
1055	CRA Scoring w/ hand scorers & AI		Per Test						
1056	7/1/09 - 6/30/10	CRA	\$13.26	0	\$0.00		\$0.0000	\$0.0000	
1057	7/1/10 - 6/30/11	CRA	\$13.74	0	\$0.00				
1058	7/1/11 - 6/30/12	CRA	\$14.34	0	\$0.00				
1059	7/1/12 - 6/30/13	CRA	\$14.91	0	\$0.00				
1060	9/25/13 - 6/30/14	CRA	\$15.51	0	\$0.00		\$0.0000	\$0.0000	
1061	7/1/14 - 9/25/14	CRA	\$16.13	0	\$0.00		\$0.0000	\$0.0000	
1062	CRA Scoring w/ AI		Per Test						
1063	7/1/09 - 6/30/10	CRA	\$12.25	0	\$0.00		\$0.0000	\$0.0000	
1064	7/1/10 - 6/30/11	CRA	\$12.74	0	\$0.00		\$0.0000	\$0.0000	
1065	7/1/11 - 6/30/12	CRA	\$13.24	0	\$0.00		\$0.0000	\$0.0000	
1066	7/1/12 - 6/30/13	CRA	\$13.78	0	\$0.00		\$0.0000	\$0.0000	
1067	9/25/13 - 6/30/14	CRA	\$6.45	0	\$0.00		\$0.0000	\$0.0000	
1068	7/1/14 - 9/25/14	CRA	\$6.71	0	\$0.00		\$0.0000	\$0.0000	
1069	AI Model building		Per Test						
1070	9/25/13 - 6/30/14	CRA	\$24,000.00	0	\$0.00		\$0.0000	\$0.0000	
1071	7/1/14 - 9/25/14	CRA	\$24,960.00	0	\$0.00		\$0.0000	\$0.0000	
1072	CRA AI Handscoring and monitoring		Per Test						
1073	9/25/13 - 6/30/14	CRA	\$61,397.52	0	\$0.00		\$0.0000	\$0.0000	
1074	7/1/14 - 9/25/14	CRA	\$63,853.42	0	\$0.00		\$0.0000	\$0.0000	
1075	PA scoring w/ 2 hand scorers		Per Test						
1076	9/25/08 - 6/30/09	PA	\$47.28	6,489	\$306,799.92	6489	\$306,799.9200	\$0.0000	PA2-2009
1077	7/1/09 - 6/30/10	PA	\$49.17	0	\$0.00	0	\$0.0000	\$0.0000	
1078	7/1/10 - 6/30/11	PA	\$51.14	6,314	\$322,897.96	6314	\$310,459.3800	\$12,438.5800	PA1-2010
1079	7/1/11 - 6/30/12	PA	\$53.18	6,618	\$351,945.24	6618	\$338,444.5200	\$13,500.7200	pa1-2011
1080	7/1/12 - 6/30/13	PA	\$55.31	14,524	\$803,322.44	14524	\$788,261.2100	\$15,061.2300	
1081						7071	\$376,035.7800		PA3-2012
1082						7453	\$412,225.4300		pa1-2013
1083	9/25/13 - 6/30/14	PA	\$57.52	8,000	\$460,179.20		\$0.0000	\$460,179.2000	
1084	7/1/14 - 9/25/14	PA	\$59.82	0	\$0.00		\$0.0000	\$0.0000	
1085	PA scoring w/ hand scorers & AI		Per Test						
1086	9/25/08 - 6/30/09	PA	\$64.77	0	\$0.00		\$0.0000	\$0.0000	
1087	7/1/09 - 6/30/10	PA	\$67.36	0	\$0.00		\$0.0000	\$0.0000	
1088	7/1/10 - 6/30/11	PA	\$70.05	0	\$0.00		\$0.0000	\$0.0000	
1089	7/1/11 - 6/30/12	PA	\$72.85	0	\$0.00		\$0.0000	\$0.0000	

	A	B	C	D	E	F	G	H	I
4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
1090	7/1/12 - 6/30/13	PA	\$75.77	0	\$0.00		\$0.0000	\$0.0000	
1091	9/25/13 - 6/30/14	PA	\$78.80	0	\$0.00		\$0.0000	\$0.0000	
1092	7/1/14 - 9/25/14	PA	\$81.95	0	\$0.00		\$0.0000	\$0.0000	
1093	PA scoring w/ AI		Per Test						
1094	9/25/08 - 6/30/09	PA	\$57.28	0	\$0.00		\$0.0000	\$0.0000	
1095	7/1/09 - 6/30/10	PA	\$59.57	0	\$0.00		\$0.0000	\$0.0000	
1096	7/1/10 - 6/30/11	PA	\$61.95	0	\$0.00		\$0.0000	\$0.0000	
1097	7/1/11 - 6/30/12	PA	\$64.43	0	\$0.00		\$0.0000	\$0.0000	
1098	7/1/12 - 6/30/13	PA	\$67.01	0	\$0.00		\$0.0000	\$0.0000	
1099	9/25/13 - 6/30/14	PA	\$69.69	0	\$0.00		\$0.0000	\$0.0000	
1100	7/1/14 - 9/25/14	PA	\$72.48	0	\$0.00		\$0.0000	\$0.0000	
1101	Process CTE scoring Data		Per admin						
1102	9/25/13 - 6/30/14	CTE	\$4,221.00	2	\$8,442.00		\$0.0000	\$8,442.0000	
1103	7/1/14 - 9/25/14	CTE	\$4,389.84	0	\$0.00		\$0.0000	\$0.0000	
1104	Scan Student Demographic Accountability Documents A.15.d		Per Document						
1105									
1106	9/25/08 - 6/30/09	PA	\$0.2514	6,489	\$1,631.33	6489	\$1,631.33	\$0.0000	PA2-2009
1107	9/25/08 - 6/30/09	WA	\$0.2514	4,498	\$1,130.80	4498	\$1,130.80	\$0.0000	WA2-2009
1108									
1109	7/1/09 - 6/30/10		\$0.2615	389,160	\$101,765.34	0	\$0.0000	\$101,765.3400	
1110									
1111	7/1/10 - 6/30/11	WA	\$0.2615	227397	\$59,464.32	227397	\$59,464.32	\$0.0000	WA1-2010
1112	7/1/10 - 6/30/11	PA	\$0.2615	6314	\$1,651.11	6314	\$1,651.11	\$0.0000	PA1-2010
1113	7/1/10 - 6/30/11	CRA	\$0.2719	144628	\$39,324.35	144628	\$39,324.35	\$0.0000	cr4-2010
1114	7/1/10 - 6/30/11	WA	\$0.2719	15387	\$4,183.73	15387	\$4,183.73	\$0.0000	wapilot2-2010
1115									
1116	7/1/11 - 6/30/12	WA	\$0.2719	213401	\$58,023.73	213401	\$58,023.73	\$0.0000	WA1-2011
1117	7/1/11 - 6/30/12	PA	\$0.2719	6618	\$1,799.43	6618	\$1,799.43	\$0.0000	pa1-2011
1118									
1119	7/1/12 - 6/30/13	WA	\$0.2828	214145	\$60,560.21	214145	\$60,560.2100		wa4-2011
1120	7/1/12 - 6/30/13	PA	\$0.2828	7071	\$1,999.68	7071	\$1,999.6800		pa4-2011
1121	7/1/12 - 6/30/13	CRA	\$0.2828	147176	\$41,621.37	147176	\$41,621.3700		cr1-2012
1122	7/1/12 - 6/30/13	WA	\$0.2941	279966	\$82,338.00	279966	\$82,338.00		WA3-2012
1123	7/1/12 - 6/30/13	WA	\$0.2941	10592	\$3,115.11	10592	\$3,115.11		wapilot3-2012
1124	7/1/12 - 6/30/13	WA	\$0.2941	11156	\$3,280.98	11156	\$3,280.98		wapilot3-2012
1125	7/1/12 - 6/30/13	PA	\$0.2941	7453	\$2,191.93	7453	\$2,191.93		pa1-2013
1126	7/1/12 - 6/30/13	WA	\$0.2941	86240	\$25,363.18	86240	\$25,363.18		wa1-2013
1127	7/1/12 - 6/30/13	CRA	\$0.2941	432523	\$127,205.01	432523	\$127,205.0100		cr2-2013
1128									
1129	9/25/13 - 6/30/14	WA	\$0.31	5,000	\$1,529.32		\$0.0000	\$1,529.3200	
1130	9/25/13 - 6/30/14	PA	\$0.31	8,446	\$2,583.33		\$0.0000	\$2,583.3273	
1131									
1132	7/1/14 - 9/25/14	WA	\$0.32	0	\$0.00		\$0.0000	\$0.0000	
1133	7/1/14 - 9/25/14	PA	\$0.32	0	\$0.00		\$0.0000	\$0.0000	
1134	A.16. Reporting Activities								
1135	Online Reporting A.16.f								
1136	WA/MWA Online Reporting Setup (includes report customization)		Per Year						
1137	9/25/08 - 6/30/09	WA	\$35,463.00	1	\$35,463.00				
1138	7/1/10 - 6/30/11	WA	\$35,463.00			1	\$35,463.0000		WA1-2010
1139	WA/MWA Online Reporting Support and Maintenance (includes training)		Per Year						
1140	9/25/08 - 6/30/09	WA	\$10,088.00	1	\$10,088.00		\$0.0000	\$10,088.0000	
1141	7/1/09 - 6/30/10	WA	\$10,391.00	1	\$10,391.00	0	\$0.0000	\$10,391.0000	
1142	7/1/10 - 6/30/11	WA	\$10,693.00	1	\$10,693.00	1	\$10,391.0000	\$302.0000	WA1-2010
1143	7/1/11 - 6/30/12	WA	\$10,996.00	1	\$10,996.00	1	\$10,693.0000	\$303.0000	WA1-2011
1144	7/1/12 - 6/30/13	WA	\$11,298.00	1	\$11,298.00	2	\$22,294.0000	(\$10,996.0000)	
1145						1	\$10,996.0000		wa4-2011
1146						1	\$11,298.0000		wa1-2013
1147	9/25/13 - 6/30/14	WA	\$11,749.92	1	\$11,749.92		\$0.0000	\$11,749.9200	
1148	7/1/14 - 9/25/14	WA	\$12,219.92	0	\$0.00		\$0.0000	\$0.0000	
1149	CRA Online Reporting Setup (includes report customization)		Per Year						
1150	7/1/12 - 6/30/13	CRA	\$25,199.00	1	\$25,199.00	1	\$25,199.0000	\$0.0000	cr1-2012

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4	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
1151	CRA Online Reporting Support and Maintenance (includes training)		Per Year						
1152	7/1/09 - 6/30/10	CRA	\$6,052.00	0	\$0.00		\$0.0000	\$0.0000	
1153	7/1/10 - 6/30/11	CRA	\$6,233.00	1	\$6,233.00		\$0.0000	\$6,233.0000	
1154	7/1/11 - 6/30/12	CRA	\$6,413.00	1	\$6,413.00	0	\$0.0000	\$6,413.0000	
1155	7/1/12 - 6/30/13	CRA	\$6,594.00	1	\$6,594.00	2	\$13,188.0000	(\$6,594.0000)	
1156						1	\$6,594.0000		cr1-2012
1157						1	\$6,594.0000		cr2-2013
1158									
1159	9/25/13 - 6/30/14	CRA	\$6,857.76	5	\$34,288.80		\$0.0000	\$34,288.8000	
1160	7/1/14 - 9/25/14	CRA	\$7,132.07	0	\$0.00		\$0.0000	\$0.0000	
1161	PA Online Reporting Setup (includes report customization)		Per Year						
1162	7/1/10 - 6/30/11	PA	\$17,265.00	1	\$17,265.00	1	\$17,265.0000	\$0.0000	PA1-2010
1163	PA Online Reporting Support and Maintenance (includes training)		Per Year						
1164	9/25/08 - 6/30/09	PA	\$4,035.00	1	\$4,035.00		\$0.0000	\$4,035.0000	
1165	7/1/09 - 6/30/10	PA	\$4,155.00	1	\$4,155.00	0	\$0.0000	\$4,155.0000	
1166	7/1/10 - 6/30/11	PA	\$4,276.00	1	\$4,276.00	1	\$4,155.0000	\$121.0000	PA1-2010
1167	7/1/11 - 6/30/12	PA	\$4,396.00	1	\$4,396.00	1	\$4,276.0000	\$120.0000	pa1-2011
1168	7/1/12 - 6/30/13	PA	\$4,516.00	1	\$4,516.00	2	\$8,912.0000	(\$4,396.0000)	
1169						1	\$4,396.0000		pa4-2011
1170						1	\$4,516.0000		pa1-2013
1171	9/25/13 - 6/30/14	PA	\$4,696.64	1	\$4,696.64		\$0.0000	\$4,696.6400	
1172	7/1/14 - 9/25/14	PA	\$4,884.51	0	\$0.00		\$0.0000	\$0.0000	
1173	CTE Online Reporting Setup (includes report customization)		Per Year						
1174	9/25/13 - 6/30/14	CTE	\$14,868.00	1	\$14,868.00		\$0.0000	\$14,868.0000	
1175	CTE Online Reporting Support and Maintenance (includes training)		Per Year						
1176	9/25/13 - 6/30/14	CTE	\$947.50	8	\$7,580.00		\$0.0000	\$7,580.0000	
1177	7/1/14 - 9/25/14	CTE	\$985.40	0	\$0.00		\$0.0000	\$0.0000	
1178	Online Reporting CDs A.16.k								
1179	WA/MWA Online Reporting CDs		Per School/System						
1180	9/25/08 - 6/30/09	WA	\$7.0500	1,661	\$11,710.05	1661	\$11,710.0500	\$0.0000	WA3-2009
1181	7/1/09 - 6/30/10	WA	\$7.3300	0	\$0.00	0	\$0.0000	\$0.0000	
1182	7/1/10 - 6/30/11	WA	\$7.6300	0	\$0.00	0	\$0.0000	\$0.0000	
1183	7/1/11 - 6/30/12	WA	\$7.9300	1,615	\$12,806.95	1615	\$12,322.45	\$484.5000	wa2-2011
1184	7/1/12 - 6/30/13	WA	\$8.2500	3,887	\$32,067.75	3887	\$31,569.83	\$497.9200	
1185						1556	\$12,339.08		wa2-2012
1186						1752	\$14,454.00		wa2-2013
1187						579	\$4,776.75		wa2-2013
1188	9/25/13 - 6/30/14	WA	\$8.58	2,000	\$17,160.00		\$0.0000	\$17,160.0000	
1189	7/1/14 - 9/25/14	WA	\$8.92	2,000	\$17,846.40		\$0.0000	\$17,846.4000	
1190	CRA Online Reporting CDs		Per School/System						
1191	7/1/09 - 6/30/10	CRA	\$7.3300	0	\$0.00		\$0.0000	\$0.0000	
1192	7/1/10 - 6/30/11	CRA	\$7.6300	0	\$0.00		\$0.0000	\$0.0000	
1193	7/1/11 - 6/30/12	CRA	\$7.9300	0	\$0.00		\$0.0000	\$0.0000	
1194	7/1/12 - 6/30/13	CRA	\$8.2500	0	\$0.00		\$0.0000	\$0.0000	
1195	9/25/13 - 6/30/14	CRA	\$8.58	2,000	\$17,160.00		\$0.0000	\$17,160.0000	
1196	7/1/14 - 9/25/14	CRA	\$8.92	0	\$0.00		\$0.0000	\$0.0000	
1197	PA Online Reporting CDs		Per School/System						
1198	9/25/08 - 6/30/09	PA	\$7.0500	2,000	\$14,100.00	0	\$0.0000	\$14,100.0000	
1199	7/1/09 - 6/30/10	PA	\$7.3300	2,000	\$14,660.00	1218	\$8,586.90	\$6,073.1000	PA3-2009
1200	7/1/10 - 6/30/11	PA	\$7.6300	2,000	\$15,260.00	0	\$0.0000	\$15,260.0000	
1201	7/1/11 - 6/30/12	PA	\$7.9300	2,000	\$15,860.00	1245	\$9,499.35	\$6,360.6500	pa2-2011
1202	7/1/12 - 6/30/13	PA	\$8.2500	2,000	\$16,500.00	1133	\$8,984.69	\$7,515.3100	PA2-2012
1203	9/25/13 - 6/30/14	PA	\$8.58	1,500	\$12,870.00		\$0.0000	\$12,870.0000	
1204	7/1/14 - 9/25/14	PA	\$8.92	1,500	\$13,384.80		\$0.0000	\$13,384.8000	
1205	CTE online Summary Reporting		Per admin						
1206	9/25/13 - 6/30/14	CTE	\$3,479.00	2	\$6,958.00		\$0.0000	\$6,958.0000	
1207	7/1/14 - 9/25/14	CTE	\$3,618.16	0	\$0.00		\$0.0000	\$0.0000	
1208	Paper Reports / Labels A.16.k								

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
1209	WA/MWA Student Reports		Per Student						
1210	9/25/08 - 6/30/09	WA	\$0.1040	230,000	\$23,920.00	212025	\$22,050.6000	\$1,869.4000	WA3-2009
1211	7/1/09 - 6/30/10	WA	\$0.1080	238,050	\$25,709.40	0	\$0.0000		
1212	7/1/10 - 6/30/11	WA	\$0.1120	246,382	\$27,594.78	212712	\$22,972.90	\$4,621.8880	WA1-2010
1213	7/1/11 - 6/30/12	WA	\$0.1170	255,005	\$29,835.59	213401	\$23,900.91	\$5,934.6730	WA1-2011
1214	7/1/12 - 6/30/13	WA	\$0.1220	263,930	\$32,199.46	433625	\$51,831.56	(\$19,632.0950)	
1215						214139	\$25,054.26		wa2-2012
1216						219486	\$26,777.29		wa2-2013
1217	9/25/13 - 6/30/14	WA	\$0.13	774,000	\$98,205.12		\$0.0000	\$98,205.1200	
1218	7/1/14 - 9/25/14	WA	\$0.13	0	\$0.00		\$0.0000	\$0.0000	
1219	CRA Student Reports		Per Student						
1220	7/1/09 - 6/30/10	CRA	\$0.1080	0	\$0.00		\$0.0000	\$0.0000	
1221	7/1/10 - 6/30/11	CRA	\$0.1120	0	\$0.00		\$0.0000	\$0.0000	
1222	7/1/11 - 6/30/12	CRA	\$0.1170	0	\$0.00	0	\$0.0000	\$17,955.4720	
1223	7/1/12 - 6/30/13	CRA	\$0.1220	147,176	\$17,955.47	147176	\$17,955.47	(\$17,955.4720)	cr1-2012
1224	9/25/13 - 6/30/14	CRA	\$0.13	0	\$0.00		\$0.0000	\$0.0000	
1225	7/1/14 - 9/25/14	CRA	\$0.13	0	\$0.00		\$0.0000	\$0.0000	
1226	PA Student Reports		Per Student						
1227	9/25/08 - 6/30/09	PA	\$0.1410	0	\$0.00	0	\$0.0000	\$0.0000	
1228	7/1/09 - 6/30/10	PA	\$0.1470	6,489	\$953.88	6489	\$914.95	\$38.9340	PA3-2009
1229	7/1/10 - 6/30/11	PA	\$0.1520	6,314	\$959.73	6314	\$928.16	\$31.5700	PA1-2010
1230	7/1/11 - 6/30/12	PA	\$0.1580	6,618	\$1,045.64	6618	\$1,005.94	\$39.7080	pa1-2011
1231	7/1/12 - 6/30/13	PA	\$0.1640	14,519	\$2,381.12	14519	\$2,381.12	\$0.0000	
1232						7066	\$1,158.82		PA2-2012
1233						7453	\$1,222.29		pa2-2013
1234	9/25/13 - 6/30/14	PA	\$0.17	8,000	\$1,364.48		\$0.0000	\$1,364.4800	
1235	7/1/14 - 9/25/14	PA	\$0.18	0	\$0.00		\$0.0000	\$0.0000	
1236	CTE Student Reports		Per Student						
1237	9/25/13 - 6/30/14	CTE	\$0.43	0	\$0.00		\$0.0000	\$0.0000	
1238	7/1/14 - 9/25/14	CTE	\$0.45	0	\$0.00		\$0.0000	\$0.0000	
1239	WA/MWA Student Labels		Per Student						
1240	9/25/08 - 6/30/09	WA	\$0.0520	230,000	\$11,960.00	212025	\$11,025.3000	\$934.7000	WA3-2009
1241	7/1/09 - 6/30/10	WA	\$0.0540	238,050	\$12,854.70	0	\$0.0000	\$12,854.7000	
1242	7/1/10 - 6/30/11	WA	\$0.5600	246,382	\$137,973.92	212712	\$11,486.45	\$126,487.4720	WA1-2010
1243	7/1/11 - 6/30/12	WA	\$0.0580	255,005	\$14,790.29	213401	\$119,504.56	(\$104,714.2700)	WA1-2011
1244	7/1/12 - 6/30/13	WA	\$0.0610	263,930	\$16,099.73	433625	\$25,808.71	(\$9,708.9780)	
1245						214139	\$12,420.06		wa2-2012
1246						219486	\$13,388.65		wa2-2013
1247	9/25/13 - 6/30/14	WA	\$0.06	774,000	\$49,102.56		\$0.0000	\$49,102.5600	
1248	7/1/14 - 9/25/14	WA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
1249	CRA Student Labels		Per Student						
1250	7/1/09 - 6/30/10	CRA	\$0.0540	0	\$0.00			\$0.0000	
1251	7/1/10 - 6/30/11	CRA	\$0.0560	0	\$0.00		\$0.0000	\$0.0000	
1252	7/1/11 - 6/30/12	CRA	\$0.0580	0	\$0.00		\$0.0000	\$0.0000	
1253	7/1/12 - 6/30/13	CRA	\$0.0610	0	\$0.00		\$0.0000	\$0.0000	
1254	9/25/13 - 6/30/14	CRA	\$0.06	0	\$0.00		\$0.0000	\$0.0000	
1255	7/1/14 - 9/25/14	CRA	\$0.07	0	\$0.00		\$0.0000	\$0.0000	
1256	PA Student Labels		Per Student						
1257	9/25/08 - 6/30/09	PA	\$0.0720	0	\$0.00	0	\$0.0000	\$0.0000	
1258	7/1/09 - 6/30/10	PA	\$0.0750	6,489	\$486.68	6489	\$467.21	\$19.4670	PA3-2009
1259	7/1/10 - 6/30/11	PA	\$0.0780	6,314	\$492.49	6314	\$473.55	\$18.9420	PA1-2010
1260	7/1/11 - 6/30/12	PA	\$0.0810	6,618	\$536.06	6618	\$516.20	\$19.8540	pa1-2011
1261	7/1/12 - 6/30/13	PA	\$0.0840	14,519	\$1,219.60	14519	\$1,219.60	\$0.0000	
1262						7066	\$593.54		PA2-2012
1263						7453	\$626.05		pa2-2013
1264	9/25/13 - 6/30/14	PA	\$0.09	8,000	\$698.88		\$0.0000	\$698.8800	
1265	7/1/14 - 9/25/14	PA	\$0.09	0	\$0.00		\$0.0000	\$0.0000	
1266	CTE Student Labels		Per Student						
1267	9/25/13 - 6/30/14	CTE	\$0.15	0	\$0.00		\$0.0000	\$0.0000	
1268	7/1/14 - 9/25/14	CTE	\$0.16	0	\$0.00		\$0.0000	\$0.0000	
1269	Comprehensive Data Files (CDF) A.16.h.iii								

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
1270	WA/MWA System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)		Per System						
1271	9/25/08 - 6/30/09	WA	\$20.3600	200	\$4,072.00	147	\$2,992.9200	\$1,079.0800	WA3-2009
1272	7/1/09 - 6/30/10	WA	\$21.1700	200	\$4,234.00	0	\$0.0000		
1273	7/1/10 - 6/30/11	WA	\$22.0210	200	\$4,404.20	140	\$2,963.80	\$1,440.4000	WA1-2010
1274	7/1/11 - 6/30/12	WA	\$22.9022	200	\$4,580.44	140	\$3,082.94	\$1,321.2600	wa2-2011
1275	7/1/12 - 6/30/13	WA	\$23.8183	200	\$4,763.66	282	\$6,588.51	(\$1,824.8466)	
1276						140	\$3,206.31		wa2-2012
1277						142	\$3,382.20		wa2-2013
1278	9/25/13 - 6/30/14	WA	\$24.77	200	\$4,954.21		\$0.0000	\$4,954.2064	
1279	7/1/14 - 9/25/14	WA	\$25.76	0	\$0.00		\$0.0000	\$0.0000	
1280	CRA System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)		Per System						
1281	7/1/09 - 6/30/10	CRA	\$20.3600	0	\$0.00		\$0.0000	\$0.0000	
1282	7/1/10 - 6/30/11	CRA	\$21.1700	0	\$0.00		\$0.0000	\$0.0000	
1283	7/1/11 - 6/30/12	CRA	\$22.0210	0	\$0.00		\$0.0000	\$0.0000	
1284	7/1/12 - 6/30/13	CRA	\$22.9022	0	\$0.00		\$0.0000	\$0.0000	
1285	9/25/13 - 6/30/14	CRA	\$23.82	0	\$0.00		\$0.0000	\$0.0000	
1286	7/1/14 - 9/25/14	CRA	\$24.77	0	\$0.00		\$0.0000	\$0.0000	
1287	PA System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)		Per System						
1288	9/25/08 - 6/30/09	PA	\$20.3600	0	\$0.00	0	\$0.0000	\$0.0000	
1289	7/1/09 - 6/30/10	PA	\$21.1700	3	\$63.51	3	\$61.08	\$2.4300	PA3-2009
1290	7/1/10 - 6/30/11	PA	\$22.0210	4	\$88.08	4	\$84.68	\$3.4040	PA1-2010
1291	7/1/11 - 6/30/12	PA	\$22.9022	0	\$0.00		\$0.0000	\$0.0000	
1292	7/1/12 - 6/30/13	PA	\$23.8183	0	\$0.00		\$0.0000	\$0.0000	
1293	9/25/13 - 6/30/14	PA	\$24.77	200	\$4,954.21		\$0.0000	\$4,954.2064	
1294	7/1/14 - 9/25/14	PA	\$25.76	200	\$5,152.37		\$0.0000	\$5,152.3747	
1295	WA/MWA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)		Per Year						
1296	9/25/08 - 6/30/09	WA	\$602.80	1	\$602.80	1	\$602.8000	\$0.0000	WA3-2009
1297	7/1/09 - 6/30/10	WA	\$626.91	1	\$626.91	0	\$0.0000	\$626.9100	
1298	7/1/10 - 6/30/11	WA	\$651.99	1	\$651.99	1	\$626.9100	\$25.0800	WA1-2010
1299	7/1/11 - 6/30/12	WA	\$678.07	1	\$678.07	1	\$651.9900	\$26.0800	wa2-2011
1300	7/1/12 - 6/30/13	WA	\$705.19	1	\$705.19	3	\$2,088.4500	(\$1,383.2600)	
1301						1	\$678.0700		wa2-2012
1302						1	\$705.1900		wapilot4-2012
1303						1	\$705.1900		wa2-2013
1304	9/25/13 - 6/30/14	WA	\$733.40	5	\$3,666.99		\$0.0000	\$3,666.9880	
1305	7/1/14 - 9/25/14	WA	\$762.73	0	\$0.00		\$0.0000	\$0.0000	
1306	CRA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)		Per Year						
1307	7/1/09 - 6/30/10	CRA	\$602.80	0	\$0.00		\$0.0000	\$0.0000	
1308	7/1/10 - 6/30/11	CRA	\$626.91	1	\$626.91	0	\$0.0000	\$626.9100	
1309	7/1/11 - 6/30/12	CRA	\$651.99	1	\$651.99	1	\$651.9900	\$0.0000	CR1-2011
1310	7/1/12 - 6/30/13	CRA	\$678.07	1	\$678.07	1	\$678.0700	\$0.0000	cr1-2012
1311	9/25/13 - 6/30/14	CRA	\$705.19	1	\$705.19		\$0.0000	\$705.1928	
1312	7/1/14 - 9/25/14	CRA	\$733.40	2	\$1,466.80		\$0.0000	\$1,466.8010	

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
1313	PA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)		Per Year						
1314	9/25/08 - 6/30/09	PA	\$602.80	1	\$602.80	0	\$0.0000	\$602.8000	
1315	7/1/09 - 6/30/10	PA	\$626.91	1	\$626.91	1	\$602.8000	\$24.1100	PA3-2009
1316	7/1/10 - 6/30/11	PA	\$651.99	1	\$651.99	1	\$626.9100	\$25.0800	PA1-2010
1317	7/1/11 - 6/30/12	PA	\$678.07	1	\$678.07	1	\$651.9900	\$26.0800	pa2-2011
1318	7/1/12 - 6/30/13	PA	\$705.19	1	\$705.19	2	\$1,410.3800	(\$705.1900)	
1319						1	\$705.1900		PA2-2012
1320						1	\$705.1900		pa2-2013
1321	9/25/13 - 6/30/14	PA	\$733.40	1	\$733.40		\$0.0000	\$733.3976	
1322	7/1/14 - 9/25/14	PA	\$762.73	0	\$0.00		\$0.0000	\$0.0000	
1323	CTE System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)		Per admin						
1324	9/25/13 - 6/30/14	CTE	\$2,275.00	2	\$4,550.00		\$0.0000	\$4,550.0000	
1325	7/1/14 - 9/25/14	CTE	\$2,366.00	0	\$0.00		\$0.0000	\$0.0000	
1326	CTE State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)		Per admin						
1327	9/25/13 - 6/30/14	CTE	\$350.00	2	\$700.00		\$0.0000	\$700.0000	
1328	7/1/14 - 9/25/14	CTE	\$364.00	0	\$0.00		\$0.0000	\$0.0000	
1329	A.17. Operations Management								
1330	Technical Support Services A.17.f								
1331	WA/MWA Technical Support Services		Per Application Per Month						
1332	9/25/08 - 6/30/09	WA	\$3,174.00	9	\$28,566.00	2	\$6,348.0000	\$22,218.0000	WA3-2009
1333	7/1/09 - 6/30/10	WA	\$3,269.00	9	\$29,421.00	0	\$0.0000	\$29,421.0000	
1334									
1335	7/1/10 - 6/30/11	WA	\$3,367.00	9	\$30,303.00	7	\$23,177.00	\$7,126.0000	
1336						4	\$13,076.0000		WA1-2010
1337						3	\$10,101.0000		wa3-2010
1338									
1339	7/1/11 - 6/30/12	WA	\$3,468.00	9	\$31,212.00	17	\$58,047.0000	(\$26,835.0000)	
1340						5	\$16,835.0000		WA1-2011
1341						4	\$13,468.0000		wa2-2011
1342						8	\$27,744.0000		wa2-2011
1343									
1344	7/1/12 - 6/30/13	WA	\$3,572.00	9	\$32,148.00	70	\$248,064.0000	(\$215,916.0000)	
1345						6	\$20,808.0000		wa3-2011
1346						7	\$24,276.0000		wa4-2011
1347						6	\$20,808.0000		wa2-2012
1348						7	\$25,004.0000		WA3-2012
1349						6	\$21,432.0000		wapilot3-2012
1350						11	\$39,292.0000		wa4-2012
1351						2	\$7,144.0000		wa1-2013
1352						3	\$10,716.0000		wa1-2013
1353						3	\$10,716.0000		wa1-2013
1354						3	\$10,716.0000		wa1-2013
1355						2	\$7,144.0000		wa1-2013
1356						1	\$3,572.0000		wa1-2013
1357						1	\$3,572.0000		wa1-2013
1358						3	\$10,716.0000		wa1-2013
1359						3	\$10,716.0000		wa2-2013
1360						3	\$10,716.0000		wa2-2013
1361						3	\$10,716.0000		wa2-2013
1362									
1363	9/25/13 - 6/30/14	WA	\$3,714.88	64	\$237,752.32		\$0.0000	\$237,752.3200	
1364	7/1/14 - 9/25/14	WA	\$3,863.48	10	\$38,634.75		\$0.0000	\$38,634.7520	

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
4									
1365	CRA Technical Support Services		Per Application Per Month						
1366	7/1/09 - 6/30/10	CRA	\$3,269.00	0	\$0.00		\$0.0000	\$0.0000	
1367	7/1/10 - 6/30/11	CRA	\$3,367.00	6	\$20,202.00	3	\$10,404.0000	\$9,798.0000	cr4-2010
1368	7/1/11 - 6/30/12	CRA	\$3,468.00	6	\$20,808.00	0	\$0.0000	\$20,808.0000	
1369	7/1/12 - 6/30/13	CRA	\$3,572.00	6	\$21,432.00	35	\$125,020.0000		
1370						5	\$17,860.0000		cr3-2011
1371						3	\$10,716.0000		cr1-2012
1372						4	\$14,288.0000		cr2-2012
1373						5	\$17,860.0000		cr3-2012
1374						5	\$17,860.0000		cr4-2012
1375						3	\$10,716.0000		cr1-2013
1376						3	\$10,716.0000		cr1-2013
1377						3	\$10,716.0000		cr2-2013
1378						4	\$14,288.0000		cr2-2013
1379									
1380	9/25/13 - 6/30/14	CRA	\$3,714.88	36	\$133,735.68		\$0.0000	\$133,735.6800	
1381	7/1/14 - 9/25/14	CRA	\$3,863.48	6	\$23,180.85		\$0.0000	\$23,180.8512	
1382	PA Technical Support Services		Per Application Per Month						
1383	9/25/08 - 6/30/09	PA	\$3,174.00	12	\$38,088.00				
1384	7/1/09 - 6/30/10	PA	\$3,269.00	12	\$39,228.00	2	\$6,348.0000	\$32,880.0000	PA3-2009
1385									
1386	7/1/10 - 6/30/11	PA	\$3,367.00	12	\$40,404.00	9	\$29,715.0000	\$10,689.0000	
1387						6	\$19,614.0000		PA1-2010
1388						3	\$10,101.0000		pa4-2010
1389									
1390	7/1/11 - 6/30/12	PA	\$3,468.00	12	\$41,616.00	20	\$68,148.00	(\$26,532.00)	
1391						3	\$10,101.0000		PA3-2010
1392						5	\$16,835.0000		pa1-2011
1393						8	\$27,744.0000		pa2-2011
1394						4	\$13,468.0000		pa2-2011
1395									
1396	7/1/12 - 6/30/13	PA	\$3,572.00	12	\$42,864.00	44	\$153,736.0000	(\$110,872.0000)	
1397						7	\$24,276.0000		pa3-2011
1398						7	\$24,276.0000		pa4-2011
1399						6	\$20,808.0000		PA2-2012
1400						7	\$24,276.0000		PA3-2012
1401						6	\$20,808.0000		pa4-2012
1402						1	\$3,572.0000		pa1-2013
1403						3	\$10,716.0000		pa1-2013
1404						1	\$3,572.0000		pa1-2013
1405						3	\$10,716.0000		pa2-2013
1406						3	\$10,716.0000		pa2-2013
1407									
1408	9/25/13 - 6/30/14	PA	\$3,714.88	36	\$133,735.68		\$0.0000	\$133,735.6800	
1409	7/1/14 - 9/25/14	PA	\$3,863.48	6	\$23,180.85		\$0.0000	\$23,180.8512	
1410	CTE Technical Support Services		Per Application Per Month						
1411	9/25/13 - 6/30/14	CTE	\$3,714.88	10	\$37,148.80		\$0.0000	\$37,148.8000	
1412	7/1/14 - 9/25/14	CTE	\$3,863.48	0	\$0.00		\$0.0000	\$0.0000	
1413									
1414									
1415									
1416	HSAS TOTAL		Projections		Actuals	Variance	Edison/Invoice Variance		
1417								(proj - act)	
1418	9/25/08 - 6/30/09		\$2,235,938.67		\$1,566,411.1203	\$582,897.55	\$0.0000	\$669,527.5455	
1419	7/1/09 - 6/30/10		\$2,527,193.47		\$326,958.0604	\$2,108,700.01	\$0.0000	\$2,200,235.4088	
1420	7/1/10 - 6/30/11		\$4,111,880.13		\$2,914,501.1219	\$993,884.10	\$0.0000	\$1,197,379.0057	
1421	7/1/11 - 6/30/12		\$5,784,977.04		\$5,082,584.1841	\$743,688.08	\$2,696.0000	\$702,392.8529	
1422	7/1/12 - 6/30/13		\$11,349,735.26		\$13,788,898.3380	(\$1,493,463.55)	\$0.0000	(\$2,439,163.08)	
1423	7/1/13 - 6/30/14		\$93,152.00		\$0.0000	\$93,152.00	\$0.0000	\$93,152.00	
1424	9/25/13 - 6/30/14		\$20,850,935.00	\$ 20,944,087.00	\$0.0000	\$20,850,935.00	\$0.0000	\$20,850,935.00	
1425	7/1/14 - 9/25/14		\$188,271.15		\$0.0000	\$188,271.15	\$0.0000	\$188,271.1501	
1426			\$47,142,082.71		\$23,679,352.8247	\$24,068,064.33		\$23,462,729.8815	
1427									

	A	B	C	D	E	F	G	H	I
	DELIVERABLE	TEST		PROJECTED QTY	PROJECTED COST	ACTUAL QTY	ACTUAL COST	VARIANCE	INVOICE #
1428									
1429	Maximum Liability		\$47,142,082.71		\$23,679,352.82	\$48,136,128.66			
1430									
1431	WA Summary		Projections		Actuals	Variance	Edison/Invoice Variance		
1432								WA + CRA proj	
1433	9/25/08 - 6/30/09	WA	\$1,544,807.71		\$1,065,583.96	\$430,681.75	\$0.0000	\$1,602,372.7072	
1434	7/1/09 - 6/30/10	WA	\$1,671,516.95		\$206,218.41	\$1,400,650.14	\$0.0000	\$2,109,450.9520	
1435	7/1/10 - 6/30/11	WA	\$2,143,137.31		\$1,513,887.47	\$457,855.47	\$0.0000	\$3,410,147.2906	
1436	7/1/11 - 6/30/12	WA	\$2,023,830.71		\$1,577,274.90	\$419,745.56	\$0.0000	\$4,953,188.0228	
1437	7/1/12 - 6/30/13	WA	\$4,345,655.73		\$5,402,933.17	(\$240,054.44)	\$0.0000	\$9,702,697.6903	2014 RTTT funding
1438	7/1/13 - 6/30/14	WA	\$31,454.00		\$0.00	\$31,454.00	\$0.0000	\$61,698.0000	\$17,450,000.00
1439	9/25/13 - 6/30/14	WA	\$9,575,193.63	\$9,606,647.63	\$0.00	\$9,575,193.63	\$0.0000	\$19,447,843.8040	
1440	7/1/14 - 9/25/14	WA	\$89,193.31		\$0.00	\$89,193.31	\$0.0000	\$113,840.9642	
1441									2014 total fed funds
1442	WA Maximum Liability		\$21,424,789.35		\$9,765,897.92	\$12,164,719.42		\$41,401,239.4311	\$18,409,624.00
1443									
1444	MWA Summary ELIMINATE								
1445									
1446	PA Summary		Projections		Actuals	Variance	Edison/Invoice Variance	WA + CRA actuals	total
1447									
1448	9/25/08 - 6/30/09	PA	\$633,565.96		\$500,827.16	\$94,650.80	\$0.0000	\$1,065,583.9617	\$1,566,411.1203
1449	7/1/09 - 6/30/10	PA	\$315,977.18		\$111,057.65	\$178,032.53	\$0.0000	\$215,900.4082	\$326,958.0604
1450	7/1/10 - 6/30/11	PA	\$701,732.84		\$597,491.27	\$71,965.57	\$0.0000	\$2,317,009.8529	\$2,914,501.1219
1451	7/1/11 - 6/30/12	PA	\$831,789.01		\$874,682.26	(\$42,893.25)	\$0.0000	\$4,207,901.9239	\$5,082,584.1841
1452	7/1/12 - 6/30/13	PA	\$1,647,037.57		\$1,836,787.41	(\$159,505.83)	\$0.0000	\$11,952,110.9320	\$13,788,898.3380
1453	7/1/13 - 6/30/14	PA	\$31,454.00		\$0.00	\$31,454.00	\$0.0000	\$0.0000	\$0.0000
1454	9/25/13 - 6/30/14	PA	\$1,213,561.71	\$1,245,015.71	\$0.00	\$1,213,561.71	\$0.0000	\$0.0000	\$0.0000
1455	7/1/14 - 9/25/14	PA	\$74,430.19		\$0.00	\$74,430.19	\$0.0000	\$0.0000	\$0.0000
1456									
1457	PA Maximum Liability		\$5,449,548.46		\$3,920,845.75	\$1,461,695.71		\$19,758,507.0787	\$23,679,352.8247
1458									
1459	CRA Summary		Projections		Actuals	Variance	Edison/Invoice Variance	PA act - 25,000	PA proj - 25,000
1460									
1461	9/25/08 - 6/30/09	CRA	\$57,565.00		\$0.00	\$57,565.00	\$0.0000	\$475,827.1586	
1462	7/1/09 - 6/30/10	CRA	\$437,934.00		\$9,682.00	\$428,252.00	\$0.0000	\$86,057.6522	
1463	7/1/10 - 6/30/11	CRA	\$1,267,009.98		\$803,122.38	\$464,063.07	\$0.0000	\$572,491.2690	
1464	7/1/11 - 6/30/12	CRA	\$2,929,357.32		\$2,630,627.02	\$366,835.77	\$2,696.0000	\$849,682.2602	
1465	7/1/12 - 6/30/13	CRA	\$5,357,041.96		\$6,549,177.76	(\$1,093,903.28)	\$0.0000	\$1,811,787.4060	
1466	7/1/13 - 6/30/14	CRA	\$30,244.00		\$0.00	\$30,244.00	\$0.0000		\$934,624.00
1467	9/25/13 - 6/30/14	CRA	\$9,872,650.17	\$9,902,894.17	\$0.00	\$9,872,650.17	\$0.0000		
1468	7/1/14 - 9/25/14	CRA	\$24,647.65		\$0.00	\$24,647.65	\$0.0000		\$49,430.19
1469									
1470	CRA Maximum Liability		\$19,976,450.08		\$9,992,609.16	\$10,150,354.38			
1471									
1472	CTE Summary		Projections		Actuals	Variance	Edison/Invoice Variance		
1473	9/25/13 - 6/30/14	CTE	\$189,529.48		\$0.00	\$189,529.48	\$0.0000		
1474	7/1/14 - 9/25/14	CTE	\$0.00		\$0.00	\$0.00	\$0.0000		
1475									
1476	CTE Maximum Liability		\$189,529.48		\$0.00	\$189,529.48			
1477									
1478									
1479			orig sum sheet	am 1 sum sheet	actual totals				
1480	9/25/08 - 6/30/09		\$2,668,567.00	\$1,566,411.12	\$1,566,411.12	\$0.00			
1481	7/1/09 - 6/30/10		\$3,177,789.87	\$326,958.06	\$326,958.06	\$0.00			
1482	7/1/10 - 6/30/11		\$6,325,794.06	\$2,914,501.12	\$2,914,501.12	\$0.00			

Rule Exception Request

Route completed request, as one file in PDF format, via e-mail attachment sent to: Agsprs.Agsprs@state.tn.us

APPROVED

CENTRAL PROCUREMENT OFFICER

Request Tracking #	33111-00209	
1. Contract #	FA-09-26537-00	
2. Service Caption	Tennessee Comprehensive Assessment Program Writing Assessment, Modified Writing Assessment, Constructed Response Assessment and the Alternative Portfolio Assessment	
3. Contractor	Measurement Incorporated	
4. Contract Period <i>(with ALL options to extend exercised)</i>	96 months	
5. Contract Maximum Liability <i>(with ALL options to extend exercised)</i>	\$\$\$44,814,406.97	
6. Rule <i>(for which the exception is requested)</i>	<input type="checkbox"/> 0620-3-3-.03(2)(a) OR 0620-3-3-.05 requiring compliance with relevant model guidelines (only if required by oversight authorities) <input type="checkbox"/> 0620-3-3-.05(5) requiring the prescribed Nondiscrimination contract provision <input checked="" type="checkbox"/> 0620-3-3-.07(5) prohibiting a contract term greater than five (5) years <input type="checkbox"/> 0620-3-3-.07(8) prohibiting a contract with a former state employee in within six (6) months of termination <input type="checkbox"/> 0620-3-3-.07(22) requiring contractor travel reimbursement in accordance with state travel regulations <input type="checkbox"/> OTHER <i>(cite the relevant rule below)</i>	
7. Explanation of Rule Exception Requested	This contract is for the delivery of the Tennessee Comprehensive Assessment Program (TCAP) Writing Assessment, Modified Writing Assessment, Constructed Response Assessment and the Alternative Portfolio Assessment. We are requesting to extend the contract term which began September 30, 2008 and is scheduled to end September 25, 2013 by a period not to exceed 36 months to September 16, 2016.	

Request Tracking #	33111-00209
8. Justification	<p>Authorized under the American Recovery and Reinvestment Act of 2009 (ARRA), the Race to the Top Assessment (RTTT) Program provides funding to consortia of states to develop assessments that are valid, support and inform instruction, provide accurate information about what students know and can do, and measure student achievement against standards designed to ensure that all students gain the knowledge and skills needed to succeed in college and the workplace. These assessments are intended to play a critical role in educational systems; provide administrators, educators, parents, and students with the data and information needed to continuously improve teaching and learning; and help meet the President's goal of restoring, by 2020, the nation's position as the world leader in college graduates.</p> <p>Through RTTT, the US Department of Education awarded two Comprehensive Assessment Systems grants in September 2010. Tennessee was awarded one of these initial grants and has joined the Partnership for Assessment of Readiness for College and Careers (PARCC) consortium. A second group, the SMARTER Balanced Assessment Consortium (SBAC); together with PARCC these consortia comprise 45 states and the District of Columbia. The two consortia are developing comprehensive assessment systems in English language arts and mathematics for grades 3 through 8 and high school, aligned to the Common Core State Standards. The improved assessments, are scheduled to be implemented in the 2014-15 school year, and will measure whether students have the knowledge and skills necessary to graduate from high school ready for success in college and careers.</p> <p>While the Common Core State Standards have been released, the consortia are behind schedule in developing the performance indicators that would be used to assess students and subsequently have not begun the item development process. Building an operational assessment is a three year process which includes item development in year one, field testing in year two, and the operational assessment administered in year three.</p> <p>The current contract with Measurement for the Writing and Constructed Response Assessments provides for an operational test in the spring of 2013 and test form development for the spring of 2014; this does not include the administration, processing or reporting of the 2014 assessment. The 36 month extension requested herein will provide the state with operational administrations for 2014, 2015, and 2016. The consortia are at least a year behind in their schedule so this extended timeframe will provide the state time to see how the development of the new assessment progresses. Additionally, the anticipated design of the PARCC assessments includes rigorous constructed response items and the constructed response assessments provided in this contract allow the state opportunity for preparation and professional development.</p>
Agency Head Signature and Date <i>(contracting agency head or authorized signatory)</i>	

Non-Competitive Amendment Request

NOT required for a contract with a federal, Tennessee, or Tennessee local government entity or a grant.

Route a completed request, as one file in PDF format, via e-mail attachment sent to: Agsprs.Agsprs@state.tn.us

APPROVED

CENTRAL PROCUREMENT OFFICE

Request Tracking #	33111-00209	
1. Procuring Agency	Education (TDOE)	
2. Contractor	Measurement Inc.	
3. Contract #	FA0926537	
4. Proposed Amendment #	1	
5. Edison ID #	2330	
6. Contract Begin Date	September 30, 2008	
7. Current Contract End Date – with ALL options to extend exercised	September 25, 2013	
8. Proposed Contract End Date – with ALL options to extend exercised	September 25, 2014	
9. Current Maximum Contract Cost – with ALL options to extend exercised	\$25,740,312.75	
10. Proposed Maximum Contract Cost – with ALL options to extend exercised	\$44,814,406.97	
11. Office for Information Resources Endorsement – information technology service (N/A to THDA)	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Attached	
12. eHealth Initiative Support – health-related professional, pharmaceutical, laboratory, or imaging	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Attached	
13. Human Resources Support – state employee training service	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Attached	
14. Explanation Need for the Proposed Amendment		
<p>This contract is for the delivery of the Tennessee Comprehensive Assessment Program (TCAP) Writing Assessment, Constructed Response Assessment and the Alternative Portfolio Assessment. The TDOE is requesting to extend the contract term which began September 30, 2008 and is scheduled to end September 25, 2013 to September 25, 2014.</p> <p>TDOE is expanding the grades to which both the writing and constructed response assessments are given to encourage better writing in all grades as well as including end of course assessments for dual credit classes to be administered using the online platform</p>		

Request Tracking #	33111-00209
provided for in this contract.	
15. Name & Address of the Contractor's Principal Owner(s) <i>– NOT required for a TN state education institution</i> Henry Scherich, President. 423 Morris Street, Durham, NC 27701	
16. Evidence Contractor's Experience & Length Of Experience Providing the Service Measurement Inc. has been providing these and similar services for the TDOE since the award of the contract September 30, 2008. This is the third contract for these services to be executed with Measurement, Inc.	
17. Efforts to Identify Reasonable, Competitive, Procurement Alternatives The contract with Measurement was awarded through the RFP process, no other assessment vendors submitted a bid for the services in this contract. All costs were established through the RFP and no additional services are being added. The costs are competitive and comparable to similar costs in other assessment contracts.	
18. Justification – <i>specifically explain why non-competitive negotiation is in the best interest of the state</i> Authorized under the American Recovery and Reinvestment Act of 2009 (ARRA), the Race to the Top Assessment (RTTT) Program provides funding to consortia of States to develop assessments that are valid, support and inform instruction, provide accurate information about what students know and can do, and measure student achievement against standards designed to ensure that all students gain the knowledge and skills needed to succeed in college and the workplace. These assessments are intended to play a critical role in educational systems; provide administrators, educators, parents, and students with the data and information needed to continuously improve teaching and learning; and help meet the President's goal of restoring, by 2020, the nation's position as the world leader in college graduates. Through RTTT, the US Department of Education awarded two Comprehensive Assessment Systems grants in September 2010. Tennessee was awarded one of these initial grants and has joined the Partnership for Assessment of Readiness for College and Careers (PARCC) consortium. A second group, the SMARTER Balanced Assessment Consortium (SBAC); together with PARCC these consortia comprise 45 states and the District of Columbia. The two consortia are developing comprehensive assessment systems in English language arts and mathematics for grades 3 through 8 and high school, aligned to the Common Core State Standards. The improved assessments, are scheduled to be implemented in the 2014-15 school year, and will measure whether students have the knowledge and skills necessary to graduate from high school ready for success in college and careers. While the Common Core State Standards have been released, the consortia are behind schedule in developing the performance indicators that would be used to assess students and subsequently have not begun the item development process. Building an operational assessment is a three year process which includes item development in year one, field testing in year two, and the operational assessment administered in year three. The current contract with Measurement for the Writing and Constructed Response Assessments provides for an operational test in the spring of 2013 and test form development for the spring of 2014; this does not include the administration, processing or reporting of the 2014 assessment. The extension requested herein will provide the state with an operational administration for 2014. The consortia are at least a year behind in their schedule so this extended timeframe will provide the state time to see how the development of the new assessment progresses. Additionally, the anticipated design of the PARCC assessments includes rigorous constructed response items and the constructed response assessments provided in this contract allow the state opportunity for preparation and professional development.	

Request Tracking #	33111-00209
Agency Head Signature and Date – <i>MUST be signed by the ACTUAL agency head as detailed on the current Signature Certification. Signature by an authorized signatory is acceptable only in documented exigent circumstances</i>	



CONTRACT AMENDMENT

Agency Tracking # 33111-00209	Edison ID 2330	Contract # FA0926537	Amendment # 1		
Contractor Legal Entity Name Measurement Incorporated			Edison Vendor ID 0000046887		
Amendment Purpose & Effect(s) Increase maximum liability for additional year of services					
Amendment Changes Contract End Date: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		End Date: September 25, 2014			
TOTAL Contract Amount INCREASE or DECREASE per this Amendment (zero if N/A):			\$19,075,303.98		
Funding —					
FY	State	Federal	Interdepartmental	Other	TOTAL Contract Amount
2009	\$1,065,583.96	\$500,827.16	\$0.00	\$0.00	\$1,566,411.12
2010	\$215,900.41	\$111,057.65	\$0.00	\$0.00	\$326,958.06
2011	\$2,317,009.85	\$597,491.27	\$0.00	\$0.00	\$2,914,501.12
2012	\$4,210,597.92	\$874,682.26	\$0.00	\$0.00	\$5,085,280.18
2013	\$11,952,110.93	\$1,836,787.41	\$0.00	\$0.00	\$13,788,898.34
2014	\$2,534,463.00	\$18,409,624.00	\$0.00	\$0.00	\$20,944,087.00
2015	\$13,840.96	\$74,430.19	\$0.00	\$0.00	\$188,271.15
TOTAL:	\$22,409,507.03	\$22,404,899.94	\$0.00	\$0.00	\$44,814,406.97
American Recovery and Reinvestment Act (ARRA) Funding: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
Budget Officer Confirmation: There is a balance in the appropriation from which obligations hereunder are required to be paid that is not already encumbered to pay other obligations.					
Speed Chart (optional) Various		Account Code (optional) Various			

C O N T R A C T S U M M A R Y S H E E T

RFS Number		33111-00209						
Edison ID		2330						
Fiscal Year	Department ID	Speedchart Number	Program Code	Account Code	Fund	Project/ Grant Code	CFDA #	Amount
2009	3311101000	ED00000451	873400	70899000	25000	NA	NA	\$1,065,583.96
2009	3313600000	ED00000039	644000	70803000	25000	ED00000LL9AAX09	84.027	\$25,000.00
2009	3313600000	ED00000039	644000	70899000	25000	ED00000LL9ACX09	84.027	\$475,827.16
2010	3311101000	ED00000451	873400	70899000	25000	NA	NA	\$215,900.41
2010	3313600000	ED00000039	644000	70899000	25000	ED0000LL10ACX10	84.027	\$86,057.65
2010	3313600000	ED00000039	644000	70899000	25000	ED0000LL10ACX10	84.027	\$25,000.00
2011	3311101000	ED00000451	873400	70899000	25000	NA	NA	\$2,317,009.85
2011	3313600000	ED00000039	644000	70899000	25000	ED0000LL11ACX11	84.027	\$572,491.27
2011	3313600000	ED00000039	644000	70899000	25000	ED0000LL11ACX11	84.027	\$25,000.00
2012	3311101000	ED00000451	873400	70899000	25000	NA	NA	\$4,210,597.92
2012	3313600000	ED00000039	644000	70899000	25000	ED0000LL11ACX12	84.027	\$849,682.26
2012	3313600000	ED00000039	644000	70899000	25000	ED0000LL11ACX12	84.027	\$25,000.00
2013	3311101000	ED00000451	873400	70899000	25000	NA	NA	\$11,952,110.93
2013	3313600000	ED00000039	644000	70899000	25000	ED0000LL11ACX13	84.027	\$1,811,787.41
2013	3313600000	ED00000039	644000	70899000	25000	ED0000LL11ACX13	84.027	\$25,000.00
2014	3311101000	ED00000451	873400	70899000	25000	NA	NA	\$2,344,933.52
2014	3315000000	ED00000721	114100	70899000	25000	EDRTTCCSSPRDV11	84.395	\$17,450,000.00
2014	3313600000	ED00000039	644000	70899000	25000	ED0000LL11ACX14	84.027	\$934,624.00
2014	3313600000	ED00000039	644000	70899000	25000	ED0000LL11ACX15	84.027	\$25,000.00
2014	3314500000	ED00000796	432600	70899000	25000	NA	NA	\$189,529.48
2015	3311101000	ED00000451	873400	70899000	25000	NA	NA	\$113,840.96
2015	3313600000	ED00000039	644000	70899000	25000	NA	84.027	\$49,430.19
2014	3313600000	ED00000039	644000	70899000	25000	NA	84.027	\$25,000.00
TOTAL								\$44,814,406.97

**AMENDMENT 1
OF CONTRACT FA0926537**

This Amendment is made and entered by and between the State of Tennessee, Department of Education, hereinafter referred to as the "State" and Measurement, Inc., hereinafter referred to as the "Contractor." It is mutually understood and agreed by and between said, undersigned contracting parties that the subject contract is hereby amended as follows:

1. Contract section A.2 is deleted in its entirety and replaced with the following:
 - A.2. The Contractor shall work with the State to develop test prompts, constructed response (cr) items and cr test forms that provide all students access to the holistically scored assessments in ways that produce meaningful results. The State's holistically scored assessment system shall be designed to be valid and accessible for use by the widest possible range of students, including but not limited to students with disabilities and students with limited English proficiency. The Contractor will develop and maintain the assessments as required by Tennessee Code Annotated and Federal law as specified in Section A.7.a. The assessments to be included are the Tennessee Comprehensive Assessment Program Writing Assessment and Modified Writing Assessment; these assessments are required by Tennessee Code. The Alternative Portfolio Assessment provides materials, scoring and reporting for students with disability who meet the 1% guidelines; this assessment is required by both Federal and State law. The Statewide dual credit assessment provided for high school courses aligned to postsecondary courses. In addition, the contract shall provide for item and test form development of a custom Constructed Response Assessment for grades as specified by the state that will utilize higher order thinking skills and allow teachers to prepare students for national standardized assessments, e.g. College Board, ACT, and NAEP. Each assessment is further described in A.5.a. Unless otherwise indicated, all requirements of this Contract shall apply to all assessments. The quantity of deliverables for each assessment shall be determined and approved by the State and shall be finalized with the Contractor when the Annual Work Plan is approved.

2. Contract section A.3.l is deleted in its entirety and replaced with the following:
 - I. Content Standards - Broad divisions of the State curriculum that provide statements of the knowledge and skills that schools are expected to teach and students are expected to learn. Available at <http://www.state.tn.us/education/curriculum.shtml>

2. Contract section A.3.o is deleted in its entirety and replaced with the following:
 - o. English Learner Accommodations – Testing accommodations allowable for English Learner or non-English language background (NELB) students based on individual needs and abilities.

3. Contract section A.3.q is deleted in its entirety and replaced with the following:
 - q. English Learner (EL) – A student whose first language is not English and who is limited English proficient as determined by State criteria.

4. Contract section A.3.aa is deleted in its entirety and replaced with the following:
 - aa. Modified Academic Achievement Standards – Grade level standards aligned to the State's content standards and performance indicators that are modified (less depth and less breadth) for eligible students in assessment of the general standards. Available at <http://tennessee.gov/education/speced/seassessment.shtml#TENNESSEE>.

5. Contract section A.3.rr is deleted in its entirety and replaced with the following:

- rr. TCAP / CRA – Constructed Response Assessment, administered in grades as specified by the state.
6. Contract section A.3.tt is deleted in its entirety and replaced with the following:
- tt. TCAP / MWA – Modified Writing Assessment, administered in grades as specified by the state.
7. Contract section A.3.uu is deleted in its entirety and replaced with the following:
- uu. TCAP / WA - Writing Assessment, administered in grades as specified by the state.
http://www.tncore.org/english_language_arts/writing_test.aspx
8. Contract section A.3.vv is deleted in its entirety and replaced with the following:
- vv. TN Alt Portfolio Assessment Rubrics – Guide used to score performance in a reliable, fair, and valid manner. A rubric is generally composed of dimensions for judging student performance, a scale for rating performances on each dimension, and standards of excellence for specified performance levels. There are currently three rubrics: regular rubric, modified rubric, and homebound rubric. The rubric used is determined by the student's opportunity for instruction evidenced by placement and attendance.
<http://www.state.tn.us/education/assessment/TCAP-AltPortfolio.shtml>
9. Contract section A.3.xx is deleted in its entirety and replaced with the following:
- xx. TN Writing Rubrics – Scales (currently 6 points) used to determine the range of excellence in the papers written in response to a given prompt for the TCAP/WA and TCAP/MWA. http://www.tncore.org/english_language_arts/writing_test.aspx
10. The following is added as Contract section A.3.ccc.
- ccc. Statewide Dual Credit Course – existing high school courses aligned to a postsecondary course that is taught at the high school by a high school faculty for high school credit. Students are able to receive postsecondary credit by successfully completing the course, plus passing an assessment developed and/or recognized by the granting postsecondary institution.
11. Contract section A.5 is deleted in its entirety and replaced with the following:
- A.5. General Scope of Assessment Services
- a. The Contractor shall work with the State to develop four assessments as follows:
- i. Writing Assessment formerly given in grades 5, 8, 11. In TY 2013 expand to include all grades 3-11 and other grades as specified by the state.
- ii. Modified Writing Assessment currently given in grades 5, 8, 11.
- The Writing Assessment (TCAP/WA) and Modified Writing Assessment (TCAP/MWA) are performance-based assessments of student writing skills of the Tennessee English Language Arts Curriculum Standards (Performance Indicators and Expectations). The TCAP/WA and MWA shall be developed through a multi-step, joint approval process between the Contractor and the State. The State will work with the vendor to develop prompts and text based passages. The Contractor will print all necessary materials, process, score and report results of the TCAP/WA and MWA.
- Students at each grade level respond to an assigned prompt or passage, including the citation of evidence from the passage within a specific time period. Prompts and passages may assess different types of writing to include

but not be limited to narrative, informative/explanatory, and opinion/argument essays. The essays are scored using a trait based rubric and blind scoring methods.

iii. **Constructed Response Assessment to be given in grades as specified by the state.**

The Constructed Response Assessment (TCAP/CRA) is a performance based assessment of student cognitive skills and content knowledge in the areas of reading/language arts and mathematics. Literacy skills in science, social studies and technical courses to be defined by the state shall also be provided through an online literacy portal. These literacy skills shall provide for additional instructional information and will be administered multiple times throughout the year. The CRA shall be developed through a multi-step joint approval process between the Contractor and the State. The Contractor shall work with the State to write constructed response items, develop test forms and distribute the CRA to LEAs for administration. The CRA shall be scored holistically using blind scoring methods and a rubric developed by the Contractor with State review and approval. The Contractor will print all necessary materials, process, score and report results for the TCAP/CRA.

iv. **Alternative Portfolio Assessment.**

The Alternative Portfolio Assessment (TCAP/Alt-PA) is a performance-based assessment of student academic progress in the content areas of reading/language arts, math, science, and social studies. It is administered to students with the most significant disabilities in grades 3 through 8 in all four content areas, and one time in grades 9-12 in the content areas of reading/language arts, math, and science. Grades K-2 are also included in the content areas of reading and math for systems conducting district-wide assessment at these grade levels. Students in each grade level are assessed on one to three Alternate Performance Indicators (API) in each content area assessed. Each API has a minimum of 15 data collection occurrences documented with a graph on a data collection sheet. The graph must show progress in order for the student to receive the maximum number of points in the content dimension. Each API has an Evidence Sheet (ES) documenting a sample lesson taught, and opportunities for choice, peer interaction, natural support, and multiple inclusive settings. The TCAP/Alt-PA is scored holistically using one of three State developed rubrics (regular, modified, homebound (See A.3.uu)) in the dimensions of Content, Choice, Supports, Settings, and Peer Interactions and blind scoring methods. Choice of rubric used for scoring is determined by the student's opportunity for instruction as evidenced by placement and attendance.

v. **Statewide Dual Credit Assessment.**

The Statewide Dual Credit Assessment (SDCA) is developed and/or recognized with state postsecondary institutions. This assessment is part of the requirements of the Cooperative Innovative High School Programs and is defined in state statute 49-15-106. It shall be administered online in high school courses identified by the state. Statewide dual credit courses are existing high school courses aligned with a TDOE-approved statewide dual credit challenge examination and supplemental resources developed by postsecondary faculty. Students who pass these challenge examinations will earn college credits accepted by all Tennessee public postsecondary institutions. Additional information regarding the SDCA may be found at: <http://tn.gov/education/opca/index.shtml>

b. The TCAP/HSAS schedule is as follows:

- i. Operational TCAP/WA and MWA are administered in February
- ii. TCAP/Alt-PA will be completed over a data collection period from September to

January each year

iii. TCAP/CRA shall be administered in three phases, fall, winter, and spring at times to be determined by the State.

iv. Statewide Dual Credit assessments are administered as end-of-course tests and will be given in December and May.

- c. Maintaining test validity, reliability, and equivalent prompts across years is a fundamental priority of the program. The Contractor is required to provide the human resources and technology needed to maintain the TCAP/WA, TCAP/MWA, TCAP/CRA, TCAP/Alt-PA, and SDCA according to State standards.
- d. Although these assessments are not included in the State's accountability system, it is expected that all aspects of test administration, scoring and reporting will be undertaken with diligence for test security and score validity.
- e. The Contractor must agree to use State defined or approved assessment materials, holistic scoring procedures and methodologies, and quality-control procedures as defined in this contract. All prompts and cr items developed under this Contract shall be aligned with the assessment's content standards, measure the Performance Indicators, and meet federal assessment criteria available at <http://www.ed.gov/admins/lead/account/saa.html>. The Contractor shall obtain written approval by the State for each prompt, cr item, and other materials used under this Contract. Design and content control of all aspects of this project remains the responsibility of the State and the Contractor. Changes in the design made during the Contract period will be at the discretion of the State.
- f. The Contractor will provide testing materials based upon the number of students tested in each system. Historical usage figures are provided in the following table:

Assessment	2004	2005	2006	2007	2008
Writing 5, 8 and 11	237,270	240,389	247,393	250,502	245,947
Modified Writing 5, 8 and 11	NA	5,650	2,604	545	348
Portfolio	NA	NA	NA	8,100	7,200

- g. Annually, the Contractor will collect demographic data for all students tested statewide with the TCAP-Alt Portfolio Assessment, including students assessed in public schools, state special schools and private schools. School names, numbers, and enrollments change annually. The Contractor will provide demographic and shipping materials based upon the number of students tested in each system.

12. Contract section A.7.c is deleted in its entirety and replaced with the following:

A.7.c. All prompts, constructed response items and other associated materials except proprietary works by any sub-contractors affiliated with states or universities prepared under this contract must be created specifically for the State, and become the property of the State as defined in Section E.8. This includes completed work as well as unedited items, rejected items, items under revision, test forms, all psychometric characteristics, including item parameters, and any other materials which may be prepared under this agreement.

13. Contract section A.11.b is deleted in its entirety and replaced with the following:

A.11.b Materials, Meetings and Trainings- The Contractor shall develop and produce introductory materials by September 2008 for TCAP/WA, MWA, CRA and Alt-Pa. The

Contractor shall conduct twelve (12) introductory meetings in the following regional locations: Memphis (2), Martin, Jackson, Nashville (2), Columbia, Cookeville, Knoxville (2), Johnson City, and Cleveland/ Chattanooga for each assessment. Additional meetings and trainings shall be conducted to update educators on curriculum content standards and assessment design. All expenses related to meetings and trainings shall be the responsibility of the Contractor and shall adhere to guidelines established in A.B.d.vi.

i. Instructions for Training System Coordinators- approximately 200 sets

The Instructions consist of an outline of key issues to be covered during system coordinator training with explanations accompanied by 30-50 full-color graphics depicting relevant items including, but not limited to, all online applications, administration protocols, and shipping instructions. The instructions will be provided electronically in a PowerPoint presentation format, and in an 8 1/2" x 11" binder that includes the script for use in training school personnel offset printed or photocopied on one side only, 30-50 full color transparencies, black and white transparency masters of the color transparencies, and a CD containing the PowerPoint presentation. Training shall be conducted onsite and provided via webinar. The Contractor may provide a training video in addition to the PowerPoint presentation.

ii. Instructions for Training School Coordinators - approximately 1500 sets

Training materials provided for system coordinators to use in training school coordinators. The materials shall include a script with explanations and page number references to the test administration manual(s). A PowerPoint presentation will be included. The materials shall be provided in an 8 1/2" x 11" binder that includes the script offset printed or photocopied on one side only, 30-50 full color transparencies, black and white transparency masters of the color transparencies, and a CD containing the PowerPoint presentation. Training shall be conducted onsite and provided via webinar. The Contractor may provide a training video in addition to the PowerPoint presentation.

iii. Curriculum and Assessment meetings and trainings. The Contractor shall conduct curriculum and assessment trainings according to but not limited by the following guidelines:

(a) Develop for review and approval training and professional development materials required to produce high quality instructional materials and test items, materials may include but not be limited to:

- (1) security procedures,
- (2) overview of the program purpose,
- (3) description of the item writing process,
- (4) information on basic item writing skills,
- (5) orientation to the principles of Universal Design with methods to ensure fair and unbiased items,
- (6) sample items,
- (7) writing guides with descriptions of item formats and important characteristics,
- (8) TN content standards with learning expectations and performance indicators,
- (9) Teaching methodologies and instructional guidelines,
- (10) TN style guide, and
- (11) item specifications.

(b) Provide training sessions to include group and individual exercises for writing high quality instructional materials and test items utilizing materials listed in A.11.b.iii (a).

- (c) Provide a collaborative process with brainstorming sessions and other group activities.
- (d) Provide educators with resources to include but not be limited to: text books, graphic aids, vocabulary guides and all training materials listed in A.11.b.iii (a).
- (e) Provide educators with forms and/or templates for writing lesson plans, test items, and other instructional materials that contain at a minimum, the grade level, content area, and content standard information.

14. The following is added as Contract section A.11.e. vi.

A.11.e.vi. Writing Student Test Booklets – The following specifications apply to all student test booklets unless otherwise indicated:

- (a) Test booklets shall be color coded by grade level for each assessment. Colors shall be reviewed for State approval prior to production.
- (b) One test booklet per grade level.
- (c) Test booklets shall be machine scannable to allow for potential computerized scoring, one sheet may contain student accountability demographic data as defined in A.11.e.iii.(c).
- (d) Test design shall provide a maximum of two items per page with lined space for student writing.
- (e) A unique litho code per document shall be printed on each sheet of the booklet. If a separate student demographic accountability document is used, coding shall be provided to connect the demographics with the response document.
- (f) Modified format tests:
 - (i) Braille test booklets for the WA shall be provided according to but not limited by the following guidelines:

The Contractor shall develop and produce a customized form of the WA in Braille. Braille materials shall be delivered with annual assessment materials according to timelines established in section A.4. The specifications for Braille versions include:

 1. an ink print copy and scannable answer document shall be provided on a 1:1 ratio,
 2. teacher's notes for the Braille version shall be developed to assist teachers with transcriber's notes in the Braille edition, use of special symbols, changes in wording, ink print to Brailled page references, and any other administration information exclusively related to the Braille test,
 3. Braille test books shall be of appropriate weight and type of paper as determined by the State,
 4. pages shall be Brailled on one side of the paper,
 5. items with graphics will be Brailled on facing pages whenever possible,
 6. use of thermoform will be kept to a minimum, and
 7. packaged individually with Teacher's notes, ink print copy and a separate scannable response document for transference of student responses.
 - (ii) Large Print test booklets for the WA shall be provided according to but not limited by the guidelines defined in A.11.a.v.
 - (iii) Computerized Version with a printable answer document shall be provided for each assessment via CD and/or secure download from a web-based system. The Computerized version shall be created from the same version that is selected for Large Print. CDs and/or downloads shall be provided as needed to all Public, State Special, and Private Schools. The Computerized version

shall be protected so that only student responses may be printed and no test information may be copied or printed. A set of CDs shall be provided to the State to allow for any additional copies. CDs shall be provided with jewel cases.

- (g) Test booklets shall be shrink-wrapped in units to be determined by the number of versions. Standard units of 5 and 20 will be considered.
- (h) Versions shall be spiraled for random distribution.
- (i) Approximately 10% shall be packaged in uncollated groups for use with students with special accommodations to have the test read aloud in small groups.
- (j) Color coding or other identification marks are to be included on the spine of the test booklets to identify them when stacked.

15. The following is added as Contract section A.18.

A.18. General Assessment Services

- b. The Contractor shall work with the State to develop and implement K-8 assessments in compliance with all state and federal laws, and State Board of Education rules and policies. Additionally, the Contractor shall work with the State to implement necessary changes to assessments to comply with any future changes in federal or state legislation, rule or policy. Such work shall include but not be limited to any documents, papers, or records requested by the State or the United States Department of Education for review and audit purposes.
- c. The Contractor shall work with the State to develop and implement K-8 assessments relative to participation in the Race to the Top (RTTT) Assessment Program which provides funding to consortia of states to develop assessments that are valid, support and inform instruction, provide accurate information about what students know and can do, and measure student achievement against standards designed to ensure that all students gain the knowledge and skills needed to succeed in college and the workplace. Additionally, the Contractor shall work with the State to implement necessary changes to assessments to comply with any future changes required by the State's membership in a consortia or participation in the RTTT Assessment Program.
- d. Any changes pursuant to A.14.a or A.14.b shall be reflected in a revised Annual Work Plan approved by the State and the Contractor.
- e. The Contractor shall establish secure sharepoint or file transfer protocol (FTP) websites for use in maintaining the Annual Work Plan and other communications, including but not limited to posting administrative materials, test items, and test booklets for review, with the State for contract management. Materials shall be considered delivered and final after written notification is given to the Contractor via email or other electronic methods by the State contact in E.2 or their official designee. The Annual Work Plan shall be delivered in Microsoft Project and shall be maintained as a fluid, ongoing project document for each test administration. Both the State and the Contractor shall have access to and the ability to edit and update the Annual Work Plan as needed. All changes must be approved by the State.

16. Contract section B is deleted in its entirety and replaced with the following:

B. CONTRACT TERM:

This Contract shall be effective for the period beginning September 25, 2008, and ending on September 25, 2014. The Contractor hereby acknowledges and affirms that the State shall have no obligation for services rendered by the Contractor which were not performed within this specified contract period.

17. Contract section C.1 is deleted in its entirety and replaced with the following:

C.1. Maximum Liability. In no event shall the maximum liability of the State under this Contract exceed forty-four million eight hundred fourteen thousand four hundred six dollars and ninety-seven cents (\$44,814,406.97). The payment rates in section C.3 shall constitute the entire compensation due the Contractor for all service and Contractor obligations hereunder regardless of the difficulty, materials or equipment required. The payment rates include, but are not limited to, all applicable taxes, fees, overheads, and all other direct and indirect costs incurred or to be incurred by the Contractor.

The Contractor is not entitled to be paid the maximum liability for any period under the Contract or any extensions of the Contract for work not requested by the State. The maximum liability represents available funds for payment to the Contractor and does not guarantee payment of any such funds to the Contractor under this Contract unless the State requests work and the Contractor performs said work. In which case, the Contractor shall be paid in accordance with the payment rates detailed in section C.3. The State is under no obligation to request work from the Contractor in any specific dollar amounts or to request any work at all from the Contractor during any period of this Contract.

18. Contract section C.3 is deleted in its entirety and replaced with the following:

C.3. Payment Methodology. The Contractor shall be compensated based on the payment rates herein for units of service authorized by the State in a total amount not to exceed the Contract Maximum Liability established in section C.1.

- a. The Contractor's compensation shall be contingent upon the satisfactory completion of units, milestones, or increments of service defined in section A.
- b. The Contractor shall be compensated for said units, milestones, or increments of service based upon the following payment rates:

DELIVERABLE	TEST	COST
Annual Work Plan A.6.a		
TCAP/WA and MWA		Total Cost
9/25/08 - 6/30/09	WA	\$33,147.00
7/1/09 - 6/30/10	WA	\$34,428.00
7/1/10 - 6/30/11	WA	\$39,731.00
7/1/11 - 6/30/12	WA	\$41,268.00
9/25/13 - 6/30/14	WA	\$44,635.47
9/25/13 - 6/30/14	CTE	\$13,390.64
7/1/14 - 9/25/14	WA	\$46,420.89
7/1/14 - 9/25/14	CTE	\$13,926.27
TCAP/CRA		Total Cost
9/25/08 - 6/30/09	CRA	\$51,097.00

DELIVERABLE	TEST	COST
7/1/09 - 6/30/10	CRA	\$53,141.00
7/1/10 - 6/30/11	CRA	\$55,267.00
7/1/11 - 6/30/12	CRA	\$57,477.00
9/25/13 - 6/30/14	CRA	\$62,167.12
7/1/14 - 9/25/14	CRA	\$64,653.81
TCAP/PA		Total Cost
9/25/08 - 6/30/09	PA	\$25,998.00
7/1/09 - 6/30/10	PA	\$30,020.00
7/1/10 - 6/30/11	PA	\$31,201.00
7/1/11 - 6/30/12	PA	\$32,428.00
9/25/13 - 6/30/14	PA	\$33,725.12
7/1/14 - 9/25/14	PA	\$35,074.12
A.7 Development Activities		
TCAP/CR Test Specifications (including item specs) A.7.d.i-ii		Total cost
9/25/08 - 6/30/09	CRA	\$309,536.00
7/1/09 - 6/30/10	CRA	\$257,534.00
7/1/10 - 6/30/11	CRA	\$267,835.00
7/1/11 - 6/30/12	CRA	\$278,549.00
7/1/12 - 6/30/13	CRA	\$289,691.00
9/25/13 - 6/30/14	WA	\$301,278.64
9/25/13 - 6/30/14	CRA	\$301,278.64
9/25/13 - 6/30/14	CTE	\$1,944.00
7/1/14 - 9/25/14	WA	\$313,329.79
7/1/14 - 9/25/14	CRA	\$313,329.79
7/1/14 - 9/25/14	CTE	\$2,021.76
CR Item Writing Committee A.7.d.iii(g)(v)		Cost per meeting/task
9/25/08 - 6/30/09	CRA	\$9,310.00
7/1/09 - 6/30/10	CRA	\$9,682.00
7/1/10 - 6/30/11	CRA	\$10,070.00
7/1/11 - 6/30/12	CRA	\$10,472.00
7/1/12 - 6/30/13	CRA	\$10,891.00
9/25/13 - 6/30/14	WA	\$5,468.40
9/25/13 - 6/30/14	CRA	\$5,468.40
7/1/14 - 9/25/14	WA	\$5,687.14
7/1/14 - 9/25/14	CRA	\$5,687.14
CR Item Content/Bias Review A.7.d.iii(g)(vii)		Cost per meeting/day
9/25/08 - 6/30/09	CRA	\$13,138.00
7/1/09 - 6/30/10	CRA	\$13,664.00
7/1/10 - 6/30/11	CRA	\$14,210.00
7/1/11 - 6/30/12	CRA	\$14,778.00
7/1/12 - 6/30/13	CRA	\$15,370.00
9/25/13 - 6/30/14	WA	\$1,150.00
9/25/13 - 6/30/14	CRA	\$1,150.00
7/1/14 - 9/25/14	WA	\$1,196.00
7/1/14 - 9/25/14	CRA	\$1,196.00

DELIVERABLE	TEST	COST
Special Development Studies A.7.d.iii(a)-(b)		Cost per hour
9/25/08 - 6/30/09	WA	\$150.00
7/1/09 - 6/30/10	WA	\$156.00
7/1/10 - 6/30/11	WA	\$162.00
7/1/11 - 6/30/12	WA	\$169.00
7/1/12 - 6/30/13	WA	\$175.00
9/25/13 - 6/30/14	WA	\$182.00
9/25/13 - 6/30/14	CRA	\$182.00
7/1/14 - 9/25/14	WA	\$189.28
7/1/14 - 9/25/14	CRA	\$189.28
A.8 Production Activities		
Prompt Selection Advisory Committee A.8.d		Cost per meeting
9/25/08 - 6/30/09	WA	\$18,260.00
7/1/09 - 6/30/10	WA	\$18,990.00
7/1/10 - 6/30/11	WA	\$19,750.00
7/1/11 - 6/30/12	WA	\$20,540.00
7/1/12 - 6/30/13	WA	\$21,362.00
9/25/13 - 6/30/14	WA	\$22,216.48
7/1/14 - 9/25/14	WA	\$23,105.14
Alt-PA Advisory Committee A.8.d		Cost per meeting
9/25/08 - 6/30/09	PA	\$18,260.00
7/1/09 - 6/30/10	PA	\$18,990.00
7/1/10 - 6/30/11	PA	\$19,750.00
7/1/11 - 6/30/12	PA	\$20,540.00
7/1/12 - 6/30/13	PA	\$21,362.00
9/25/13 - 6/30/14	PA	\$22,216.48
7/1/14 - 9/25/14	PA	\$23,105.14
A.10 Psychometric Research and Technical Activities		
Research Studies A.10.a		Cost per hour
9/25/08 - 6/30/09	WA	\$150.00
7/1/09 - 6/30/10	WA	\$156.00
7/1/10 - 6/30/11	WA	\$162.00
7/1/11 - 6/30/12	WA	\$169.00
7/1/12 - 6/30/13	WA	\$175.00
9/25/13 - 6/30/14	WA	\$182.00
9/25/13 - 6/30/14	CRA	\$182.00
7/1/14 - 9/25/14	WA	\$189.28
Technical Advisory Committee A.10.g.ii		Cost per meeting
9/25/08 - 6/30/09	WA	\$21,045.00
7/1/09 - 6/30/10	WA	\$21,887.00
7/1/10 - 6/30/11	WA	\$22,762.00
7/1/11 - 6/30/12	WA	\$23,673.00
7/1/12 - 6/30/13	CRA	\$24,620.00
9/25/13 - 6/30/14	WA	\$25,604.80

DELIVERABLE	TEST	COST
7/1/14 - 9/25/14	WA	\$26,628.99
Technical Report A.10.j		
WA/MWA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)		Total cost (includes electronic version, CDs and hard copies)
7/1/09 - 6/30/10	WA	\$26,887.00
7/1/10 - 6/30/11	WA	\$27,962.00
7/1/11 - 6/30/12	WA	\$29,081.00
7/1/12 - 6/30/13	WA	\$30,244.00
7/1/13 - 6/30/14	WA	\$31,454.00
7/1/14 - 9/25/14	WA	\$32,712.16
CRA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)		Total cost (includes electronic version, CDs and hard copies)
7/1/10 - 6/30/11	CRA	\$26,887.00
7/1/11 - 6/30/12	CRA	\$27,962.00
7/1/12 - 6/30/13	CRA	\$29,081.00
7/1/13 - 6/30/14	CRA	\$30,244.00
7/1/14 - 9/25/14	CRA	\$32,711.91
PA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)		Total cost (includes electronic version, CDs and hard copies)
7/1/09 - 6/30/10	PA	\$26,887.00
7/1/10 - 6/30/11	PA	\$27,962.00
7/1/11 - 6/30/12	PA	\$29,081.00
7/1/12 - 6/30/13	PA	\$30,244.00
7/1/13 - 6/30/14	PA	\$31,454.00
7/1/14 - 9/25/14	PA	\$32,712.16
Online Testing Pilot and Feasibility Study A.10.k		Total Cost
7/1/10 - 6/30/11	WA	\$206,877.00
Introductory Training Materials for System Coordinators A.11.b.i		
WA/MWA (include electronic version)		Total Cost Per Set
9/25/08 - 6/30/09		\$11.40
CRA (include electronic version)		Total Cost Per Set
7/1/09 - 6/30/10		\$11.86
PA (include electronic version)		Total Cost Per Set
9/25/08 - 6/30/09		\$11.40
Introductory Training Materials for School Coordinators A.11.b.ii		
MWA (include electronic version)		Total Cost Per Set

DELIVERABLE	TEST	COST
9/25/08 - 6/30/09		\$6.15
CRA (include electronic version)		\$6.40
7/1/09 - 6/30/10		\$6.40
PA (include electronic version)		Total Cost Per Set
9/25/08 - 6/30/09		\$6.15
Training Meetings A.11.b.		
Writing/CRA/PA		Per course
9/25/13 - 6/30/14	WA	\$4,715.00
9/25/13 - 6/30/14	CRA	\$4,715.00
7/1/14 - 9/25/14	WA	\$4,903.60
7/1/14 - 9/25/14	CRA	\$4,903.60
Professional Development Materials A.11.b.iii		cost per module
9/25/13 - 6/30/14	WA	\$2,300.00
9/25/13 - 6/30/14	CRA	\$2,300.00
7/1/14 - 9/25/14	WA	\$2,392.00
7/1/14 - 9/25/14	CRA	\$2,392.00
Curriculum Materials A.11.b.iii		Cost per unit
9/25/13 - 6/30/14	WA	\$43,125.00
9/25/13 - 6/30/14	CRA	\$13,800.00
7/1/14 - 9/25/14	WA	\$44,850.00
7/1/14 - 9/25/14	CRA	\$14,352.00
Preparation Materials A.11.c		
On-line Samplers		
WA/MWA On-Line Prompt Sampler		Cost Per Grade Level
9/25/08 - 6/30/09	WA	\$2,352.00
7/1/10 - 6/30/11	WA	\$2,446.00
7/1/11 - 6/30/12	WA	\$2,544.00
7/1/12 - 6/30/13	WA	\$2,646.00
7/1/13 - 6/30/14	WA	\$2,752.00
7/1/14 - 9/25/14	WA	\$2,862.08
CRA On-Line Item Sampler		Cost Per Grade Level
7/1/09 - 6/30/10	CRA	\$2,352.00
7/1/10 - 6/30/11	CRA	\$2,446.00
7/1/11 - 6/30/12	CRA	\$2,544.00
7/1/12 - 6/30/13	CRA	\$2,646.00
7/1/13 - 6/30/14	CRA	\$2,752.00
7/1/14 - 9/25/14	CRA	\$2,862.08
PA On-Line Sampler		Cost Per Grade Cluster
7/1/09 - 6/30/10	PA	\$2,352.00
7/1/10 - 6/30/11	PA	\$2,446.00
7/1/11 - 6/30/12	PA	\$2,544.00
7/1/12 - 6/30/13	PA	\$2,646.00
7/1/13 - 6/30/14	PA	\$2,752.00
7/1/14 - 9/25/14	PA	\$2,862.08

DELIVERABLE	TEST	COST
Pre-Test Brochure		
WA/MWA Pre-Test Brochure		Cost per Brochure
9/25/08 - 6/30/09	WA	\$0.0516
7/1/09 - 6/30/10	WA	\$0.0540
7/1/10 - 6/30/11	WA	\$0.0576
7/1/11 - 6/30/12	WA	\$0.0612
7/1/12 - 6/30/13	WA	\$0.0648
9/25/13 - 6/30/14	WA	\$0.07
7/1/14 - 9/25/14	WA	\$0.07
PA Pre-Test Brochure		Cost per Brochure
9/25/08 - 6/30/09	PA	\$0.1200
7/1/09 - 6/30/10	PA	\$0.1260
7/1/10 - 6/30/11	PA	\$0.1320
7/1/11 - 6/30/12	PA	\$0.1380
7/1/12 - 6/30/13	PA	\$0.1440
9/25/13 - 6/30/14	PA	\$0.15
7/1/14 - 9/25/14	PA	\$0.16
Practice Tests		
CRA Development (include electronic version & teacher directions)		Cost Per Grade Level
9/25/08 - 6/30/09	CRA	\$3,234.00
7/1/10 - 6/30/11	CRA	\$3,498.00
7/1/12 - 6/30/13	CRA	\$3,783.00
9/25/13 - 6/30/14	CRA	\$3,934.32
7/1/14 - 9/25/14	CRA	\$4,091.69
CRA Regular Practice Test (include teacher directions)		Cost Per Test
7/1/09 - 6/30/10	CRA	\$0.7009
7/1/10 - 6/30/11	CRA	\$0.7289
7/1/11 - 6/30/12	CRA	\$0.7581
7/1/12 - 6/30/13	CRA	\$0.7884
9/25/13 - 6/30/14	CRA	\$0.82
7/1/14 - 9/25/14	CRA	\$0.85
CRA Large Print Practice Test (include teacher directions)		Cost Per Test
7/1/09 - 6/30/10	CRA	\$0.1800
7/1/10 - 6/30/11	CRA	\$0.2040
7/1/11 - 6/30/12	CRA	\$0.2280
7/1/12 - 6/30/13	CRA	\$0.2520
9/25/13 - 6/30/14	CRA	\$0.26
7/1/14 - 9/25/14	CRA	\$0.27
CRA Brille Development (include electronic version & teacher directions)		Cost Per Grade Level
7/1/09 - 6/30/10	CRA	\$1,200.00
7/1/10 - 6/30/11	CRA	\$1,248.00
7/1/12 - 6/30/13	CRA	\$1,298.00

DELIVERABLE	TEST	COST
9/25/13 - 6/30/14	CRA	\$1,349.92
7/1/14 - 9/25/14	CRA	\$1,403.92
CRA Braille Practice Test (include teacher directions)		Cost Per Test
7/1/09 - 6/30/10	CRA	\$68.12
7/1/10 - 6/30/11	CRA	\$70.84
7/1/11 - 6/30/12	CRA	\$73.68
7/1/12 - 6/30/13	CRA	\$76.63
9/25/13 - 6/30/14	CRA	\$79.70
7/1/14 - 9/25/14	CRA	\$82.88
Administration Materials A.11.d		
CRA Teacher Directions (include electronic version)		Cost per Directions
7/1/09 - 6/30/10	CRA	\$0.1260
7/1/10 - 6/30/11	CRA	\$0.1320
7/1/11 - 6/30/12	CRA	\$0.1380
7/1/12 - 6/30/13	CRA	\$0.1440
9/25/13 - 6/30/14	CRA	\$0.15
7/1/14 - 9/25/14	CRA	\$0.16
WA/MWA Test Directions		Cost per Directions
9/25/08 - 6/30/09	WA	\$0.0516
7/1/09 - 6/30/10	WA	\$0.0540
7/1/10 - 6/30/11	WA	\$0.0576
7/1/11 - 6/30/12	WA	\$0.0612
7/1/12 - 6/30/13	WA	\$0.0648
9/25/13 - 6/30/14	WA	\$0.07
7/1/14 - 9/25/14	WA	\$0.07
PA Test Directions		Cost per Directions
9/25/08 - 6/30/09	PA	\$0.1200
7/1/09 - 6/30/10	PA	\$0.1260
7/1/10 - 6/30/11	PA	\$0.1320
7/1/11 - 6/30/12	PA	\$0.1380
7/1/12 - 6/30/13	PA	\$0.1440
9/25/13 - 6/30/14	PA	\$0.15
7/1/14 - 9/25/14	PA	\$0.16
Test Administration Manuals		
WA/MWA Test Administration Manual (include electronic version)		Cost per Manual
9/25/08 - 6/30/09	WA	\$1.0200
7/1/09 - 6/30/10	WA	\$1.0680
7/1/10 - 6/30/11	WA	\$1.1032
7/1/11 - 6/30/12	WA	\$1.1474
7/1/12 - 6/30/13	WA	\$1.1933
9/25/13 - 6/30/14	WA	\$2.61
7/1/14 - 9/25/14	WA	\$2.72

DELIVERABLE	TEST	COST
WA/MWA Test Administration Manual (electronic version only)		Cost per Manual
9/25/13 - 6/30/14	WA	\$6,586.00
7/1/14 - 9/25/14	WA	\$6,849.44
PA Test Administration Manual (include electronic version)		Cost per Manual
9/25/08 - 6/30/09	PA	\$3.0000
7/1/09 - 6/30/10	PA	\$3.1200
7/1/10 - 6/30/11	PA	\$3.2448
7/1/11 - 6/30/12	PA	\$3.3746
7/1/12 - 6/30/13	PA	\$3.5096
9/25/13 - 6/30/14	PA	\$3.65
7/1/14 - 9/25/14	PA	\$3.80
CRA Test Administration Manual (include electronic version)		Cost per Manual
7/1/09 - 6/30/10	CRA	\$0.0750
7/1/10 - 6/30/11	CRA	\$0.0780
7/1/11 - 6/30/12	CRA	\$0.0811
7/1/12 - 6/30/13	CRA	\$0.0843
9/25/13 - 6/30/14	CRA	\$2.61
7/1/14 - 9/25/14	CRA	\$2.72
CRA Test Administration Manual (electronic version only)		Cost per Manual
9/25/13 - 6/30/14	CRA	\$6,586.00
7/1/14 - 9/25/14	CRA	\$6,849.44
Teacher Header		All Assessments Per Header
9/25/08 - 6/30/09	WA	\$0.1148
7/1/09 - 6/30/10	WA	\$0.1194
7/1/10 - 6/30/11	CRA	\$0.1242
7/1/11 - 6/30/12	WA	\$0.1292
7/1/12 - 6/30/13	CRA	\$0.1344
7/1/12 - 6/30/13	WA	\$0.1344
9/25/13 - 6/30/14	WA	\$0.14
7/1/14 - 9/25/14	WA	\$0.15
School Listing		All Assessments Per Listing
9/25/08 - 6/30/09	WA	\$0.1107
7/1/09 - 6/30/10	WA	\$0.1167
7/1/10 - 6/30/11	WA	\$0.1227
7/1/10 - 6/30/11	CRA	\$0.1227
7/1/11 - 6/30/12	WA	\$0.1287
7/1/12 - 6/30/13	WA	\$0.1347
9/25/13 - 6/30/14	WA	\$0.14
7/1/14 - 9/25/14	WA	\$0.15
Bar Code Label		All Assessments Per Label

DELIVERABLE	TEST	COST
9/25/08 - 6/30/09	WA	\$0.0220
9/25/08 - 6/30/09	PA	\$0.0220
7/1/09 - 6/30/10	WA	\$0.0226
7/1/09 - 6/30/10	PA	\$0.0226
7/1/10 - 6/30/11	WA	\$0.0235
7/1/10 - 6/30/11	CRA	\$0.0235
7/1/11 - 6/30/12	WA	\$0.0244
7/1/12 - 6/30/13	PA	\$0.0254
7/1/12 - 6/30/13	WA	\$0.0254
7/1/12 - 6/30/13	CRA	\$0.0254
9/25/13 - 6/30/14	PA	\$0.03
7/1/14 - 9/25/14	PA	\$0.03
Guide to Test Interpretation GTI		
WAMWA (comprehensive electronic version)		Total Cost
9/25/08 - 6/30/09	WA	\$3,234.00
7/1/09 - 6/30/10	WA	\$3,363.00
7/1/10 - 6/30/11	WA	\$3,498.00
7/1/11 - 6/30/12	WA	\$3,638.00
7/1/12 - 6/30/13	WA	\$3,783.00
9/25/13 - 6/30/14	WA	\$3,934.32
7/1/14 - 9/25/14	WA	\$4,091.69
WAMWA (Parent Brochure)		Per Brochure
9/25/08 - 6/30/09	WA	\$0.0516
7/1/09 - 6/30/10	WA	\$0.0540
7/1/10 - 6/30/11	WA	\$0.0576
7/1/11 - 6/30/12	WA	\$0.0612
7/1/12 - 6/30/13	WA	\$0.0648
9/25/13 - 6/30/14	WA	\$0.07
7/1/14 - 9/25/14	WA	\$0.07
PA (comprehensive electronic version)		Total Cost
9/25/08 - 6/30/09	PA	\$3,234.00
7/1/09 - 6/30/10	PA	\$3,363.00
7/1/10 - 6/30/11	PA	\$3,498.00
7/1/11 - 6/30/12	PA	\$3,638.00
7/1/12 - 6/30/13	PA	\$3,783.00
9/25/13 - 6/30/14	PA	\$3,934.32
7/1/14 - 9/25/14	PA	\$4,091.69
PA (Parent Brochure)		Per Brochure
9/25/08 - 6/30/09	PA	\$0.1200
7/1/09 - 6/30/10	PA	\$0.1260
7/1/10 - 6/30/11	PA	\$0.1320
7/1/11 - 6/30/12	PA	\$0.1380
7/1/12 - 6/30/13	PA	\$0.1440
9/25/13 - 6/30/14	PA	\$0.15
7/1/14 - 9/25/14	PA	\$0.16

DELIVERABLE	TEST	COST
CRA (comprehensive electronic version)		Total Cost
7/1/09 - 6/30/10	CRA	\$3,363.00
7/1/10 - 6/30/11	CRA	\$3,498.00
7/1/11 - 6/30/12	CRA	\$3,638.00
7/1/12 - 6/30/13	CRA	\$3,783.00
9/25/13 - 6/30/14	CRA	\$3,934.32
7/1/14 - 9/25/14	CRA	\$4,091.69
CRA (Parent Brochure)		Per Brochure
7/1/09 - 6/30/10	CRA	\$0.0588
7/1/10 - 6/30/11	CRA	\$0.0612
7/1/11 - 6/30/12	CRA	\$0.0636
7/1/12 - 6/30/13	CRA	\$0.0660
9/25/13 - 6/30/14	CRA	\$0.07
7/1/14 - 9/25/14	CRA	\$0.07
Assessment Materials A.11.e		
WA/MWA Prompt Sheets		Per Test
9/25/08 - 6/30/09	WA	\$0.0360
7/1/09 - 6/30/10	WA	\$0.0412
7/1/10 - 6/30/11	WA	\$0.0428
7/1/11 - 6/30/12	WA	\$0.0444
7/1/12 - 6/30/13	WA	\$0.0468
9/25/13 - 6/30/14	WA	\$0.05
7/1/14 - 9/25/14	WA	\$0.05
WA/MWA Large Print Prompt		Per Test
9/25/08 - 6/30/09	WA	\$0.3000
7/1/09 - 6/30/10	WA	\$0.3120
7/1/10 - 6/30/11	WA	\$0.3240
7/1/11 - 6/30/12	WA	\$0.3360
7/1/12 - 6/30/13	WA	\$0.3480
9/25/13 - 6/30/14	WA	\$0.36
7/1/14 - 9/25/14	WA	\$0.38
WA/MWA Braille Prompt		Per Test
9/25/08 - 6/30/09	WA	\$5.24
7/1/09 - 6/30/10	WA	\$5.45
7/1/10 - 6/30/11	WA	\$5.67
7/1/11 - 6/30/12	WA	\$5.89
7/1/12 - 6/30/13	WA	\$6.13
9/25/13 - 6/30/14	WA	\$6.38
7/1/14 - 9/25/14	WA	\$6.63
WA Test Books		Per Test
9/25/13 - 6/30/14	WA	\$1.07
7/1/14 - 9/25/14	WA	\$1.11
WA Large Print Test Book		Per Test
9/25/13 - 6/30/14	WA	\$3.31
7/1/14 - 9/25/14	WA	\$3.44
WA Braille Test Book Dev		Per Test

DELIVERABLE	TEST	COST
9/25/13 - 6/30/14	WA	\$1,349.92
7/1/14 - 9/25/14	WA	\$1,403.92
WA Braille Test Book		Per Test
9/25/13 - 6/30/14	WA	\$79.70
7/1/14 - 9/25/14	WA	\$82.88
CRA Test Booklet		Per Test
7/1/09 - 6/30/10	CRA	\$0.9120
7/1/10 - 6/30/11	CRA	\$0.9485
7/1/11 - 6/30/12	CRA	\$0.9864
7/1/12 - 6/30/13	CRA	\$1.0290
7/1/12 - 6/30/13	WA	\$1.03
9/25/13 - 6/30/14	CRA	\$1.07
7/1/14 - 9/25/14	CRA	\$1.11
CRA Large Print Test Booklet		Per Test
7/1/09 - 6/30/10	CRA	\$3.00
7/1/10 - 6/30/11	CRA	\$3.06
7/1/11 - 6/30/12	CRA	\$3.12
7/1/12 - 6/30/13	CRA	\$3.18
7/1/12 - 6/30/13	WA	\$3.18
9/25/13 - 6/30/14	CRA	\$3.31
7/1/14 - 9/25/14	CRA	\$3.44
CRA Braille Test Booklet		Per Test
7/1/09 - 6/30/10	CRA	\$68.12
7/1/10 - 6/30/11	CRA	\$70.84
7/1/11 - 6/30/12	CRA	\$76.63
7/1/12 - 6/30/13	CRA	\$76.63
7/1/12 - 6/30/13	WA	\$76.63
9/25/13 - 6/30/14	CRA	\$79.70
7/1/14 - 9/25/14	CRA	\$82.88
Computer Version		
WA/MWA (setup, inc dev)		assess/admin
9/25/08 - 6/30/09	WA	\$178,440.00
7/1/09 - 6/30/10	WA	\$180,752.00
7/1/10 - 6/30/11	WA	\$183,175.00
7/1/11 - 6/30/12	WA	\$185,670.00
7/1/12 - 6/30/13	WA	\$188,240.00
9/25/13 - 6/30/14	WA	\$6,000.00
7/1/14 - 9/25/14	WA	\$6,240.00
WA/MWA		Per Test
9/25/08 - 6/30/09	WA	\$2.33
7/1/09 - 6/30/10	WA	\$2.42
7/1/10 - 6/30/11	WA	\$2.52
7/1/11 - 6/30/12	WA	\$2.62
7/1/12 - 6/30/13	WA	\$2.73
9/25/13 - 6/30/14	WA	\$1.30
7/1/14 - 9/25/14	WA	\$1.35
CTE (setup, inc dev)		Per admin

DELIVERABLE	TEST	COST
9/25/13 - 6/30/14	CTE	\$3,125.00
7/1/14 - 9/25/14	CTE	\$3,250.00
CTE		Per Test
9/25/13 - 6/30/14	CTE	\$2.23
7/1/14 - 9/25/14	CTE	\$2.32
PA (setup, inc dev)		Per grade cluster
9/25/08 - 6/30/09	PA	\$189,625.00
7/1/09 - 6/30/10	PA	\$192,313.00
7/1/10 - 6/30/11	PA	\$195,082.00
7/1/11 - 6/30/12	PA	\$197,935.00
7/1/12 - 6/30/13	PA	\$200,873.00
9/25/13 - 6/30/14	PA	\$208,907.92
7/1/14 - 9/25/14	PA	\$217,264.24
PA		Per Test
9/25/08 - 6/30/09	PA	\$4.26
7/1/09 - 6/30/10	PA	\$4.38
7/1/10 - 6/30/11	PA	\$4.52
7/1/11 - 6/30/12	PA	\$4.66
7/1/12 - 6/30/13	PA	\$4.79
9/25/13 - 6/30/14	PA	\$4.98
7/1/14 - 9/25/14	PA	\$5.18
CRA (setup, inc dev)		Per grade level
7/1/09 - 6/30/10	CRA	\$256,822.00
7/1/10 - 6/30/11	CRA	\$261,527.00
7/1/11 - 6/30/12	CRA	\$266,372.00
7/1/12 - 6/30/13	CRA	\$276,355.00
9/25/13 - 6/30/14	CRA	\$51,298.00
7/1/14 - 9/25/14	CRA	\$53,349.92
TCAP/CRA		Per Test
7/1/09 - 6/30/10	CRA	\$4.60
7/1/10 - 6/30/11	CRA	\$4.78
7/1/11 - 6/30/12	CRA	\$4.97
7/1/12 - 6/30/13	CRA	\$5.17
9/25/13 - 6/30/14	CRA	\$5.38
7/1/14 - 9/25/14	CRA	\$5.59
Response Documents		
WA/MWA		Per Document
9/25/08 - 6/30/09	WA	\$0.1141
7/1/09 - 6/30/10	WA	\$0.1186
7/1/10 - 6/30/11	WA	\$0.1233
7/1/11 - 6/30/12	WA	\$0.1282
7/1/12 - 6/30/13	WA	\$0.1334
9/25/13 - 6/30/14	WA	\$0.49
7/1/14 - 9/25/14	WA	\$0.51
Student Demographic Accountability Document		Per Document
9/25/08 - 6/30/09	PA	\$0.1105
7/1/09 - 6/30/10	PA	\$0.1149

DELIVERABLE	TEST	COST
7/1/10 - 6/30/11	PA	\$0.1195
7/1/11 - 6/30/12	PA	\$0.1243
7/1/12 - 6/30/13	PA	\$0.1293
9/25/13 - 6/30/14	PA	\$0.13
7/1/14 - 9/25/14	PA	\$0.14
Portfolio Binder Package		Per Binder
9/25/08 - 6/30/09	PA	\$4.9200
7/1/09 - 6/30/10	PA	\$5.1170
7/1/10 - 6/30/11	PA	\$5.3200
7/1/11 - 6/30/12	PA	\$5.5300
7/1/12 - 6/30/13	PA	\$5.7600
9/25/13 - 6/30/14	PA	\$5.99
7/1/14 - 9/25/14	PA	\$6.23
A.12 Distribution Requirements		
Contractor Packaging & Distribution to LEAs A.12.b		
WA/MWA		Per System
9/25/08 - 6/30/09	WA	\$284.00
7/1/09 - 6/30/10	WA	\$295.00
7/1/10 - 6/30/11	WA	\$307.00
7/1/11 - 6/30/12	WA	\$319.00
7/1/12 - 6/30/13	WA	\$332.00
9/25/13 - 6/30/14	WA	\$345.28
7/1/14 - 9/25/14	WA	\$362.54
CRA		Per System
7/1/09 - 6/30/10	CRA	\$269.00
7/1/10 - 6/30/11	CRA	\$280.00
7/1/11 - 6/30/12	CRA	\$291.00
7/1/12 - 6/30/13	CRA	\$303.00
9/25/13 - 6/30/14	CRA	\$507.00
7/1/14 - 9/25/14	CRA	\$532.35
PA		Per System
9/25/08 - 6/30/09	PA	\$222.00
7/1/09 - 6/30/10	PA	\$231.00
7/1/10 - 6/30/11	PA	\$240.00
7/1/11 - 6/30/12	PA	\$250.00
7/1/12 - 6/30/13	PA	\$260.00
9/25/13 - 6/30/14	PA	\$273.00
7/1/14 - 9/25/14	PA	\$286.65
Contractor Packaging & Distribution to State Warehouse A.12.c		
WA/MWA		Total Cost
9/25/08 - 6/30/09	WA	\$73,145.00
7/1/09 - 6/30/10	WA	\$76,071.00
7/1/10 - 6/30/11	WA	\$79,114.00
7/1/11 - 6/30/12	WA	\$82,278.00
7/1/12 - 6/30/13	WA	\$85,569.00

DELIVERABLE	TEST	COST
9/25/13 - 6/30/14	WA	\$89,847.45
7/1/14 - 9/25/14	WA	\$94,339.82
CRA		Total Cost
7/1/09 - 6/30/10	CRA	\$70,694.00
7/1/10 - 6/30/11	CRA	\$73,522.00
7/1/11 - 6/30/12	CRA	\$76,493.00
7/1/12 - 6/30/13	CRA	\$79,521.00
9/25/13 - 6/30/14	CRA	\$83,497.05
7/1/14 - 9/25/14	CRA	\$87,671.90
PA		Total Cost
9/25/08 - 6/30/09	PA	\$41,036.00
7/1/09 - 6/30/10	PA	\$42,677.00
7/1/10 - 6/30/11	PA	\$44,385.00
7/1/11 - 6/30/12	PA	\$46,160.00
7/1/12 - 6/30/13	PA	\$48,006.00
9/25/13 - 6/30/14	PA	\$50,406.30
7/1/14 - 9/25/14	PA	\$52,926.62
A.13 Data Management		
Custom programming		Cost per hour
9/25/08 - 6/30/09	CRA	\$73.01
7/1/09 - 6/30/10	CRA	\$75.18
7/1/10 - 6/30/11	CRA	\$77.35
7/1/11 - 6/30/12	CRA	\$79.52
7/1/12 - 6/30/13	CRA	\$81.69
7/1/12 - 6/30/13	WA	\$81.69
9/25/13 - 6/30/14	WA	\$84.96
9/25/13 - 6/30/14	CRA	\$84.96
7/1/14 - 9/25/14	WA	\$88.36
7/1/14 - 9/25/14	CRA	\$88.36
Website Hosting A.13.b-c		Cost per application/month
9/25/08 - 6/30/09	WA	\$12,461.00
9/25/08 - 6/30/09	PA	\$12,461.00
7/1/09 - 6/30/10	WA	\$7,786.00
7/1/10 - 6/30/11	CRA	\$8,050.00
7/1/10 - 6/30/11	WA	\$8,050.00
7/1/10 - 6/30/11	PA	\$8,050.00
7/1/11 - 6/30/12	WA	\$8,321.00
7/1/11 - 6/30/12	PA	\$8,321.00
7/1/12 - 6/30/13	WA	\$8,601.00
7/1/12 - 6/30/13	CRA	\$8,601.00
7/1/12 - 6/30/13	PA	\$8,601.00
9/25/13 - 6/30/14	WA	\$8,945.04
9/25/13 -- 6/30/14	CRA	\$8,945.04
9/25/13 -- 6/30/14	PA	\$8,945.04
9/25/13 -- 6/30/14	CTE	\$1,280.00
7/1/14 - 9/25/14	WA	\$9,302.84
7/1/14 - 9/25/14	CRA	\$9,302.84

DELIVERABLE	TEST	COST
7/1/14 - 9/25/14	PA	\$9,302.84
7/1/14 - 9/25/14	CTE	\$1,331.20
Pre-coding/Bar code labels A.13.b		
WA/MWA Pre-Coding Setup (includes website setup & customization, support documentation and training)		Per Year
7/1/09 - 6/30/10	WA	\$10,143.00
9/25/13 -- 6/30/14	CTE	\$8,651.00
WA/MWA Pre-coding Support & maintenance (includes data uploads, pre-coding and reviews)		Per month
9/25/08 - 6/30/09	WA	\$5,834.00
7/1/09 - 6/30/10	WA	\$6,009.00
7/1/10 - 6/30/11	WA	\$6,188.00
7/1/11 - 6/30/12	WA	\$6,373.00
7/1/12 - 6/30/13	WA	\$6,563.00
9/25/13 -- 6/30/14	WA	\$6,825.52
9/25/13 -- 6/30/14	CTE	\$6,825.52
7/1/14 - 9/25/14	WA	\$7,098.54
7/1/14 - 9/25/14	CTE	\$7,098.54
WA/MWA Pre-code response documents		Per document
9/25/08 - 6/30/09	WA	\$0.0550
7/1/09 - 6/30/10	WA	\$0.0570
7/1/10 - 6/30/11	WA	\$0.0590
7/1/11 - 6/30/12	WA	\$0.0620
7/1/12 - 6/30/13	WA	\$0.0640
9/25/13 -- 6/30/14	WA	\$0.07
7/1/14 - 9/25/14	WA	\$0.07
WA/MWA Bar-code labels		Per label
9/25/08 - 6/30/09	WA	\$0.0210
7/1/09 - 6/30/10	WA	\$0.0220
7/1/10 - 6/30/11	WA	\$0.0230
7/1/11 - 6/30/12	WA	\$0.0240
7/1/12 - 6/30/13	WA	\$0.0250
9/25/13 -- 6/30/14	WA	\$0.03
7/1/14 - 9/25/14	WA	\$0.03
CRA Pre-Coding Setup (includes website setup & customization, support documentation and training)		Per Year
7/1/09 - 6/30/10	CRA	\$8,129.00
CRA Pre-coding Support & maintenance (includes data uploads, pre-coding and reviews)		Per month
7/1/09 - 6/30/10	CRA	\$6,009.00
7/1/10 - 6/30/11	CRA	\$6,188.00

DELIVERABLE	TEST	COST
7/1/11 - 6/30/12	CRA	\$6,373.00
7/1/12 - 6/30/13	CRA	\$6,563.00
9/25/13 -- 6/30/14	CRA	\$6,825.52
7/1/14 - 9/25/14	CRA	\$7,098.54
CRA Pre-code response documents		Per document
7/1/09 - 6/30/10	CRA	\$0.0570
7/1/10 - 6/30/11	CRA	\$0.0590
7/1/11 - 6/30/12	CRA	\$0.0620
7/1/12 - 6/30/13	CRA	\$0.0640
9/25/13 -- 6/30/14	CRA	\$0.07
7/1/14 - 9/25/14	CRA	\$0.07
CRA Bar-code labels		Per label
7/1/09 - 6/30/10	CRA	\$0.0220
7/1/10 - 6/30/11	CRA	\$0.0230
7/1/11 - 6/30/12	CRA	\$0.0240
7/1/12 - 6/30/13	CRA	\$0.0250
9/25/13 -- 6/30/14	CRA	\$0.03
7/1/14 - 9/25/14	CRA	\$0.03
Student Demographic Data Verification A.13.c		
WA/MWAS Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)		Per Year
9/25/08 - 6/30/09	WA	\$10,862.00
9/25/13 -- 6/30/14	CTE	\$5,460.00
WA/MWA Student Demographic Data Verification Support & maintenance		Per month
9/25/08 - 6/30/09	WA	\$5,054.00
7/1/09 - 6/30/10	WA	\$5,205.00
7/1/10 - 6/30/11	WA	\$5,356.00
7/1/11 - 6/30/12	WA	\$5,508.00
7/1/12 - 6/30/13	WA	\$5,659.00
9/25/13 -- 6/30/14	WA	\$5,885.36
9/25/13 -- 6/30/14	CTE	\$2,814.00
7/1/14 - 9/25/14	WA	\$6,120.77
7/1/14 - 9/25/14	CTE	\$2,926.56
CRA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)		Per Year
7/1/12 - 6/30/13	CRA	\$10,862.00
CRA Student Demographic Data Verification Support & maintenance		Per month
7/1/09 - 6/30/10	CRA	\$5,205.00

DELIVERABLE	TEST	COST
7/1/10 - 6/30/11	CRA	\$5,356.00
7/1/11 - 6/30/12	CRA	\$5,508.00
7/1/12 - 6/30/13	CRA	\$5,659.00
9/25/13 -- 6/30/14	CRA	\$5,885.36
7/1/14 - 9/25/14	CRA	\$6,120.77
PA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)		Per Year
9/25/08 - 6/30/09	PA	\$10,862.00
PA Student Demographic Data Verification Support & maintenance		Per month
9/25/08 - 6/30/09	PA	\$2,527.00
7/1/09 - 6/30/10	PA	\$2,603.00
7/1/10 - 6/30/11	PA	\$2,678.00
7/1/11 - 6/30/12	PA	\$2,754.00
7/1/12 - 6/30/13	PA	\$2,829.00
9/25/13 -- 6/30/14	PA	\$2,942.16
7/1/14 - 9/25/14	PA	\$3,059.85
A.14 Scoring Activities and A.15 Processing Activities		
Range Finding A.14.a		
WA Range Finding		Per Meeting
9/25/08 - 6/30/09	WA	\$19,218.00
7/1/09 - 6/30/10	WA	\$19,986.00
7/1/10 - 6/30/11	WA	\$20,786.00
7/1/11 - 6/30/12	WA	\$21,617.00
7/1/12 - 6/30/13	WA	\$22,482.00
9/25/13 -6/30/14	WA	\$23,381.28
7/1/14 - 9/25/14	WA	\$24,316.53
MWA Range Finding		Per Meeting
9/25/08 - 6/30/09	WA	\$5,010.00
7/1/09 - 6/30/10	WA	\$5,210.00
7/1/10 - 6/30/11	WA	\$5,419.00
7/1/11 - 6/30/12	WA	\$5,636.00
7/1/12 - 6/30/13	WA	\$5,861.00
9/25/13 -- 6/30/14	WA	\$6,095.44
7/1/14 - 9/25/14	WA	\$6,339.26
WA/MWA Pilot Range Finding		Per Meeting
9/25/08 - 6/30/09	WA	\$0.00
7/1/09 - 6/30/10	WA	\$37,432.00
7/1/10 - 6/30/11	WA	\$0.00
7/1/11 - 6/30/12	WA	\$40,486.00

DELIVERABLE	TEST	COST
7/1/12 - 6/30/13	WA	\$0.00
9/25/13 -- 6/30/14	WA	\$43,724.88
7/1/14 - 9/25/14	WA	\$0.00
CRA Range Finding		Per Meeting
7/1/09 - 6/30/10	CRA	\$32,400.00
7/1/10 - 6/30/11	CRA	\$33,696.00
7/1/11 - 6/30/12	CRA	\$35,044.00
7/1/12 - 6/30/13	CRA	\$36,446.00
9/25/13 -- 6/30/14	CRA	\$22,903.84
7/1/14 - 9/25/14	CRA	\$23,819.99
PA Range Finding (includes Advisory Committee)		Per Meeting
9/25/08 - 6/30/09	PA	\$25,050.00
7/1/09 - 6/30/10	PA	\$25,801.00
7/1/10 - 6/30/11	PA	\$26,576.00
7/1/11 - 6/30/12	PA	\$27,373.00
7/1/12 - 6/30/13	PA	\$28,194.00
9/25/13 -- 6/30/14	PA	\$29,321.76
7/1/14 - 9/25/14	PA	\$30,494.63
Room Leader and Reader Training A.14.c		
WA Room Leader and Reader Training		Per Meeting
9/25/08 - 6/30/09	WA	\$39,196.00
7/1/09 - 6/30/10	WA	\$40,763.00
7/1/10 - 6/30/11	WA	\$42,394.00
7/1/11 - 6/30/12	WA	\$44,089.00
7/1/12 - 6/30/13	WA	\$45,853.00
9/25/13 -- 6/30/14	WA	\$47,687.12
7/1/14 - 9/25/14	WA	\$49,594.60
MWA Room Leader and Reader Training		Per Meeting
9/25/08 - 6/30/09	WA	\$27,559.00
7/1/09 - 6/30/10	WA	\$27,386.00
7/1/10 - 6/30/11	WA	\$29,237.00
7/1/11 - 6/30/12	WA	\$30,115.00
7/1/12 - 6/30/13	WA	\$31,015.00
9/25/13 -- 6/30/14	WA	\$32,255.60
7/1/14 - 9/25/14	WA	\$33,545.82
WA/MWA Pilot Room Leader and Reader Training		Per Meeting
9/25/08 - 6/30/09	WA	\$0.00
7/1/09 - 6/30/10	WA	\$32,196.00
7/1/10 - 6/30/11	WA	\$0.00
7/1/11 - 6/30/12	WA	\$34,823.00
7/1/12 - 6/30/13	WA	\$0.00
9/25/13 -- 6/30/14	WA	\$37,608.84
7/1/14 - 9/25/14	WA	\$0.00

DELIVERABLE	TEST	COST
CRA Room Leader and Reader Training		Per Meeting
7/1/09 - 6/30/10	CRA	\$104,270.00
7/1/10 - 6/30/11	CRA	\$108,441.00
7/1/11 - 6/30/12	CRA	\$112,779.00
7/1/12 - 6/30/13	CRA	\$117,290.00
9/25/13 -- 6/30/14	CRA	\$121,981.60
7/1/14 - 9/25/14	CRA	\$126,860.86
PA Room Leader and Reader Training		Per Meeting
9/25/08 - 6/30/09	PA	\$54,871.00
7/1/09 - 6/30/10	PA	\$56,517.00
7/1/10 - 6/30/11	PA	\$58,213.00
7/1/11 - 6/30/12	PA	\$59,959.00
7/1/12 - 6/30/13	PA	\$61,757.00
9/25/13 -- 6/30/14	PA	\$64,227.28
7/1/14 - 9/25/14	PA	\$66,796.37
Assessment Scoring A.14.e		
WA/MWA scoring w/ 2 hand scorers		Per Test
9/25/08 - 6/30/09	WA	\$2.98
7/1/09 - 6/30/10	WA	\$3.10
7/1/10 - 6/30/11	WA	\$3.22
7/1/11 - 6/30/12	WA	\$3.35
7/1/12 - 6/30/13	WA	\$3.49
9/25/13 -- 6/30/14	WA	\$5.75
7/1/14 - 9/25/14	WA	\$5.98
WA/MWA scoring w/ hand scorers & AI		Per Test
9/25/08 - 6/30/09	WA	\$3.81
7/1/09 - 6/30/10	WA	\$3.96
7/1/10 - 6/30/11	WA	\$4.12
7/1/11 - 6/30/12	WA	\$4.29
7/1/12 - 6/30/13	WA	\$4.46
9/25/13 -- 6/30/14	WA	\$4.64
7/1/14 - 9/25/14	WA	\$4.82
WA/MWA scoring w/ AI		Per Test
9/25/08 - 6/30/09	WA	\$3.51
7/1/09 - 6/30/10	WA	\$3.65
7/1/10 - 6/30/11	WA	\$3.80
7/1/11 - 6/30/12	WA	\$3.95
7/1/12 - 6/30/13	WA	\$4.10
9/25/13 -- 6/30/14	WA	\$3.10
7/1/14 - 9/25/14	WA	\$3.22
AI Model building		Per Test
9/25/13 -- 6/30/14	WA	\$3,600.00
7/1/14 - 9/25/14	WA	\$3,744.00

DELIVERABLE	TEST	COST
WA AI Handscoring and monitoring		Per Test
9/25/13 -- 6/30/14	WA	\$56,914.98
7/1/14 - 9/25/14	WA	\$59,191.58
WA/MWA Pilot scoring w/ 2 hand scorers		Per Test
7/1/09 - 6/30/10	WA	\$6.31
7/1/11 - 6/30/12	WA	\$6.82
9/25/13 -- 6/30/14	WA	\$7.09
7/1/14 - 9/25/14	WA	\$7.38
WA/MWA Pilot scoring w/ hand scorers & AI		Per Test
7/1/09 - 6/30/10	WA	\$6.61
7/1/11 - 6/30/12	WA	\$7.15
9/25/13 -- 6/30/14	WA	\$7.44
7/1/14 - 9/25/14	WA	\$7.73
CRA Scoring w/ 2 hand scoreres		Per Test
7/1/09 - 6/30/10	CRA	\$11.16
7/1/10 - 6/30/11	CRA	\$11.60
7/1/11 - 6/30/12	CRA	\$12.07
7/1/12 - 6/30/13	CRA	\$12.55
9/25/13 -- 6/30/14	CRA	\$9.55
7/1/14 - 9/25/14	CRA	\$9.93
CRA Scoring w/ hand scoreres & AI		Per Test
7/1/09 - 6/30/10	CRA	\$13.26
7/1/10 - 6/30/11	CRA	\$13.74
7/1/11 - 6/30/12	CRA	\$14.34
7/1/12 - 6/30/13	CRA	\$14.91
9/25/13 -- 6/30/14	CRA	\$15.51
7/1/14 - 9/25/14	CRA	\$16.13
CRA Scoring w/ AI		Per Test
7/1/09 - 6/30/10	CRA	\$12.25
7/1/10 - 6/30/11	CRA	\$12.74
7/1/11 - 6/30/12	CRA	\$13.24
7/1/12 - 6/30/13	CRA	\$13.78
9/25/13 -- 6/30/14	CRA	\$6.45
7/1/14 - 9/25/14	CRA	\$6.71
AI Model building		Per Test
9/25/13 -- 6/30/14	CRA	\$24,000.00
7/1/14 - 9/25/14	CRA	\$24,960.00
CRA AI Handscoring and monitoring		Per Test
9/25/13 -- 6/30/14	CRA	\$61,397.52
7/1/14 - 9/25/14	CRA	\$63,853.42
PA scoring w/ 2 hand scorers		Per Test
9/25/08 - 6/30/09	PA	\$47.28
7/1/09 - 6/30/10	PA	\$49.17

DELIVERABLE	TEST	COST
7/1/10 - 6/30/11	PA	\$51.14
7/1/11 - 6/30/12	PA	\$53.18
7/1/12 - 6/30/13	PA	\$55.31
9/25/13 -- 6/30/14	PA	\$57.52
7/1/14 - 9/25/14	PA	\$59.82
PA scoring w/ hand scorers & AI		Per Test
9/25/08 - 6/30/09	PA	\$64.77
7/1/09 - 6/30/10	PA	\$67.36
7/1/10 - 6/30/11	PA	\$70.05
7/1/11 - 6/30/12	PA	\$72.85
7/1/12 - 6/30/13	PA	\$75.77
9/25/13 -- 6/30/14	PA	\$78.80
7/1/14 - 9/25/14	PA	\$81.95
PA scoring w/ AI		Per Test
9/25/08 - 6/30/09	PA	\$57.28
7/1/09 - 6/30/10	PA	\$59.57
7/1/10 - 6/30/11	PA	\$61.95
7/1/11 - 6/30/12	PA	\$64.43
7/1/12 - 6/30/13	PA	\$67.01
9/25/13 -- 6/30/14	PA	\$69.69
7/1/14 - 9/25/14	PA	\$72.48
Process CTE scoring Data		Per admin
9/25/13 -- 6/30/14	CTE	\$4,221.00
7/1/14 - 9/25/14	CTE	\$4,389.84
Scan Student Demographic Accountability Documents A.15.d		Per Document
9/25/08 - 6/30/09	PA	\$0.2514
9/25/08 - 6/30/09	WA	\$0.2514
7/1/09 - 6/30/10		\$0.2615
7/1/10 - 6/30/11	PA	\$0.2719
7/1/10 - 6/30/11	CRA	\$0.2719
7/1/10 - 6/30/11	WA	\$0.2719
7/1/11 - 6/30/12	WA	\$0.2828
7/1/11 - 6/30/12	PA	\$0.2828
7/1/12 - 6/30/13	PA	\$0.2941
7/1/12 - 6/30/13	WA	\$0.2941
7/1/12 - 6/30/13	CRA	\$0.2941
9/25/13 -- 6/30/14	WA	\$0.31
9/25/13 -- 6/30/14	PA	\$0.31
7/1/14 - 9/25/14	WA	\$0.32
7/1/14 - 9/25/14	PA	\$0.32
A.16. Reporting Activities		
Online Reporting A.16.f		
WA/MWA Online Reporting Setup (includes report customization)		Per Year
9/25/08 - 6/30/09	WA	\$35,463.00
WA/MWA Online Reporting Support and Maintenance		Per Year

DELIVERABLE	TEST	COST
(includes training)		
9/25/08 - 6/30/09	WA	\$10,088.00
7/1/09 - 6/30/10	WA	\$10,391.00
7/1/10 - 6/30/11	WA	\$10,693.00
7/1/11 - 6/30/12	WA	\$10,996.00
7/1/12 - 6/30/13	WA	\$11,298.00
9/25/13 -- 6/30/14	WA	\$11,749.92
7/1/14 - 9/25/14	WA	\$12,219.92
CRA Online Reporting Setup (includes report customization)		Per Year
7/1/12 - 6/30/13	CRA	\$25,199.00
CRA Online Reporting Support and Maintenance (includes training)		Per Year
7/1/09 - 6/30/10	CRA	\$6,052.00
7/1/10 - 6/30/11	CRA	\$6,233.00
7/1/11 - 6/30/12	CRA	\$6,413.00
7/1/12 - 6/30/13	CRA	\$6,594.00
9/25/13 -- 6/30/14	CRA	\$6,857.76
7/1/14 - 9/25/14	CRA	\$7,132.07
PA Online Reporting Setup (includes report customization)		Per Year
7/1/10 - 6/30/11	PA	\$17,265.00
PA Online Reporting Support and Maintenance (includes training)		Per Year
9/25/08 - 6/30/09	PA	\$4,035.00
7/1/09 - 6/30/10	PA	\$4,155.00
7/1/10 - 6/30/11	PA	\$4,276.00
7/1/11 - 6/30/12	PA	\$4,396.00
7/1/12 - 6/30/13	PA	\$4,516.00
9/25/13 -- 6/30/14	PA	\$4,696.64
7/1/14 - 9/25/14	PA	\$4,884.51
CTE Online Reporting Setup (includes report customization)		Per Year
9/25/13 -- 6/30/14	CTE	\$14,868.00
CTE Online Reporting Support and Maintenance (includes training)		Per Year
9/25/13 -- 6/30/14	CTE	\$947.50
7/1/14 - 9/25/14	CTE	\$985.40
Online Reporting CDs A.16.k		
WA/MWA Online Reporting CDs		Per School/System
9/25/08 - 6/30/09	WA	\$7.0500
7/1/09 - 6/30/10	WA	\$7.3300
7/1/10 - 6/30/11	WA	\$7.6300
7/1/11 - 6/30/12	WA	\$7.9300
7/1/12 - 6/30/13	WA	\$8.2500

DELIVERABLE	TEST	COST
9/25/13 -- 6/30/14	WA	\$8.58
7/1/14 - 9/25/14	WA	\$8.92
CRA Online Reporting CDs		Per School/System
7/1/09 - 6/30/10	CRA	\$7.3300
7/1/10 - 6/30/11	CRA	\$7.6300
7/1/11 - 6/30/12	CRA	\$7.9300
7/1/12 - 6/30/13	CRA	\$8.2500
9/25/13 -- 6/30/14	CRA	\$8.58
7/1/14 - 9/25/14	CRA	\$8.92
PA Online Reporting CDs		Per School/System
9/25/08 - 6/30/09	PA	\$7.0500
7/1/09 - 6/30/10	PA	\$7.3300
7/1/10 - 6/30/11	PA	\$7.6300
7/1/11 - 6/30/12	PA	\$7.9300
7/1/12 - 6/30/13	PA	\$8.2500
9/25/13 -- 6/30/14	PA	\$8.58
7/1/14 - 9/25/14	PA	\$8.92
CTE online Summary Reporting		Per admin
9/25/13 -- 6/30/14	CTE	\$3,479.00
7/1/14 - 9/25/14	CTE	\$3,618.16
Paper Reports / Labels A.16.k		
WA/MWA Student Reports		Per Student
9/25/08 - 6/30/09	WA	\$0.1040
7/1/09 - 6/30/10	WA	\$0.1080
7/1/10 - 6/30/11	WA	\$0.1120
7/1/11 - 6/30/12	WA	\$0.1170
7/1/12 - 6/30/13	WA	\$0.1220
9/25/13 -- 6/30/14	WA	\$0.13
7/1/14 - 9/25/14	WA	\$0.13
CRA Student Reports		Per Student
7/1/09 - 6/30/10	CRA	\$0.1080
7/1/10 - 6/30/11	CRA	\$0.1120
7/1/11 - 6/30/12	CRA	\$0.1170
7/1/12 - 6/30/13	CRA	\$0.1220
9/25/13 -- 6/30/14	CRA	\$0.13
7/1/14 - 9/25/14	CRA	\$0.13
PA Student Reports		Per Student
9/25/08 - 6/30/09	PA	\$0.1410
7/1/09 - 6/30/10	PA	\$0.1470
7/1/10 - 6/30/11	PA	\$0.1520
7/1/11 - 6/30/12	PA	\$0.1580
7/1/12 - 6/30/13	PA	\$0.1640
9/25/13 -- 6/30/14	PA	\$0.17
7/1/14 - 9/25/14	PA	\$0.18
CTE Student Reports		Per Student
9/25/13 -- 6/30/14	CTE	\$0.43

DELIVERABLE	TEST	COST
7/1/14 - 9/25/14	CTE	\$0.45
WA/MWA Student Labels		Per Student
9/25/08 - 6/30/09	WA	\$0.0520
7/1/09 - 6/30/10	WA	\$0.0540
7/1/10 - 6/30/11	WA	\$0.0560
7/1/11 - 6/30/12	WA	\$0.0580
7/1/12 - 6/30/13	WA	\$0.0610
9/25/13 -- 6/30/14	WA	\$0.06
7/1/14 - 9/25/14	WA	\$0.07
CRA Student Labels		Per Student
7/1/09 - 6/30/10	CRA	\$0.0540
7/1/10 - 6/30/11	CRA	\$0.0560
7/1/11 - 6/30/12	CRA	\$0.0580
7/1/12 - 6/30/13	CRA	\$0.0610
9/25/13 -- 6/30/14	CRA	\$0.06
7/1/14 - 9/25/14	CRA	\$0.07
PA Student Labels		Per Student
9/25/08 - 6/30/09	PA	\$0.0720
7/1/09 - 6/30/10	PA	\$0.0750
7/1/10 - 6/30/11	PA	\$0.0780
7/1/11 - 6/30/12	PA	\$0.0810
7/1/12 - 6/30/13	PA	\$0.0840
9/25/13 - 1/13 - 6/30/14	PA	\$0.09
7/1/14 - 9/25/14	PA	\$0.09
CTE Student Labels		Per Student
9/25/13 -- 6/30/14	CTE	\$0.15
7/1/14 - 9/25/14	CTE	\$0.16
Comprehensive Data Files (CDF) A.16.h.iii		
WA/MWA System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)		Per System
9/25/08 - 6/30/09	WA	\$20.3600
7/1/09 - 6/30/10	WA	\$21.1700
7/1/10 - 6/30/11	WA	\$22.0210
7/1/11 - 6/30/12	WA	\$22.9022
7/1/12 - 6/30/13	WA	\$23.8183
9/25/13 -- 6/30/14	WA	\$24.77
7/1/14 - 9/25/14	WA	\$25.76
CRA System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)		Per System
7/1/09 - 6/30/10	CRA	\$20.3600
7/1/10 - 6/30/11	CRA	\$21.1700

DELIVERABLE	TEST	COST
7/1/11 - 6/30/12	CRA	\$22.0210
7/1/12 - 6/30/13	CRA	\$22.9022
9/25/13 -- 6/30/14	CRA	\$23.82
7/1/14 - 9/25/14	CRA	\$24.77
PA System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)		Per System
9/25/08 - 6/30/09	PA	\$20.3600
7/1/09 - 6/30/10	PA	\$21.1700
7/1/10 - 6/30/11	PA	\$22.0210
7/1/11 - 6/30/12	PA	\$22.9022
7/1/12 - 6/30/13	PA	\$23.8183
9/25/13 -- 6/30/14	PA	\$24.77
7/1/14 - 9/25/14	PA	\$25.76
WA/MWA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)		Per Year
9/25/08 - 6/30/09	WA	\$602.80
7/1/09 - 6/30/10	WA	\$626.91
7/1/10 - 6/30/11	WA	\$651.99
7/1/11 - 6/30/12	WA	\$678.07
7/1/12 - 6/30/13	WA	\$705.19
9/25/13 -- 6/30/14	WA	\$733.40
7/1/14 - 9/25/14	WA	\$762.73
CRA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)		Per Year
7/1/09 - 6/30/10	CRA	\$602.80
7/1/10 - 6/30/11	CRA	\$626.91
7/1/11 - 6/30/12	CRA	\$651.99
7/1/12 - 6/30/13	CRA	\$678.07
9/25/13 -- 6/30/14	CRA	\$705.19
7/1/14 - 9/25/14	CRA	\$733.40
PA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)		Per Year
9/25/08 - 6/30/09	PA	\$602.80
7/1/09 - 6/30/10	PA	\$626.91
7/1/10 - 6/30/11	PA	\$651.99
7/1/11 - 6/30/12	PA	\$678.07

DELIVERABLE	TEST	COST
7/1/12 - 6/30/13	PA	\$705.19
9/25/13 -- 6/30/14	PA	\$733.40
7/1/14 - 9/25/14	PA	\$762.73
CTE System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)		Per admin
9/25/13 -- 6/30/14	CTE	\$2,275.00
7/1/14 - 9/25/14	CTE	\$2,366.00
CTE State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)		Per admin
9/25/13 -- 6/30/14	CTE	\$350.00
7/1/14 - 9/25/14	CTE	\$364.00
A.17. Operations Management		
Technical Support Services A.17.f		
WA/MWA Technical Support Services		Per Application Per Month
9/25/08 - 6/30/09	WA	\$3,174.00
7/1/09 - 6/30/10	WA	\$3,269.00
7/1/10 - 6/30/11	WA	\$3,367.00
7/1/11 - 6/30/12	WA	\$3,468.00
7/1/12 - 6/30/13	WA	\$3,572.00
9/25/13 -- 6/30/14	WA	\$3,714.88
7/1/14 - 9/25/14	WA	\$3,863.48
CRA Technical Support Services		Per Application Per Month
7/1/09 - 6/30/10	CRA	\$3,269.00
7/1/10 - 6/30/11	CRA	\$3,367.00
7/1/11 - 6/30/12	CRA	\$3,468.00
7/1/12 - 6/30/13	CRA	\$3,572.00
9/25/13 -- 6/30/14	CRA	\$3,714.88
7/1/14 - 9/25/14	CRA	\$3,863.48
PA Technical Support Services		Per Application Per Month
9/25/08 - 6/30/09	PA	\$3,174.00
7/1/09 - 6/30/10	PA	\$3,269.00
7/1/10 - 6/30/11	PA	\$3,367.00
7/1/11 - 6/30/12	PA	\$3,468.00
7/1/12 - 6/30/13	PA	\$3,572.00
9/25/13 -- 6/30/14	PA	\$3,714.88
7/1/14 - 9/25/14	PA	\$3,863.48
CTE Technical Support Services		Per Application Per Month
9/25/13 - 6/30/14	CTE	\$3,714.88

DELIVERABLE	TEST	COST
7/1/14 - 9/25/14	CTE	\$3,863.48

***NOTICE:** The amount(s) per compensable increment detailed above shall be contingent upon the State's receipt of an invoice (as required in section C.5., below) for said service(s) within thirty (30) days after the end of the calendar month in which the service(s) were rendered. At the sole discretion of the State, the amount per compensable increment of any service for which the State receives an invoice later than prescribed herein shall be subject to a reduction in amount of up to 100%. In the case of an untimely invoice, before any payment will be considered by the State, the Contractor must submit a written request regarding the untimely invoice, which shall detail the reason the invoice is untimely as well as the Contractor's plan for submitting all future invoices no later than prescribed herein, and it must be signed by an individual empowered to bind the Contractor to this Contract.

- c. The Contractor shall not be compensated for travel time to the primary location of service provision.

19. Contract section C.5.a is deleted in its entirety and replaced with the following:

C.5. Invoice Requirements. The Contractor shall invoice the State only for completed increments of service and for the amount stipulated in Section C.3, above, and as required below prior to any payment. The Contractor shall submit invoices no more often than monthly, with all necessary supporting documentation, to:

Deborah Malone - Sauberer
 Department of Education
 Assessment Logistics
 710 James Robertson Parkway
 Andrew Johnson Tower, 10th floor
 Nashville, TN 37243

- a. Each invoice shall clearly and accurately detail all of the following required information (calculations must be extended and totaled correctly).
- (1) Invoice Number (assigned by the Contractor)
 - (2) Invoice Date
 - (3) Contract Number (assigned by the State)
 - (4) Customer Account Name: Tennessee Department of Education / State Writing, Constructed Response, Portfolio and Dual Credit Assessments
 - (5) Customer Account Number (assigned by the Contractor to the above-referenced Customer)
 - (6) Contractor Name
 - (7) Contractor Tennessee Edison Registration ID Number Referenced in Preamble of this Contract
 - (8) Contractor Contact for Invoice Questions (name, phone, and/or fax)
 - (9) Contractor Remittance Address
 - (10) Description of Delivered Service
 - (11) Complete Itemization of Charges, which shall detail the following:
 - i. Service or Milestone Description (including name & title as applicable) of each service invoiced
 - ii. Number of Completed Units, Increments, Hours, or Days as applicable, of each service invoiced
 - iii. Applicable Payment Rate (as stipulated in Section C.3.) of each service invoiced

- iv. Amount Due by Service
- v. Total Amount Due for the invoice period

b. The Contractor understands and agrees that an invoice under this Contract shall:

- (1) include only charges for service described in Contract Section A and in accordance with payment terms and conditions set forth in Contract Section C;
- (2) only be submitted for completed service and shall not include any charge for future work;
- (3) not include sales tax or shipping charges; and
- (4) initiate the timeframe for payment (and any discounts) only when the State is in receipt of the invoice, and the invoice meets the minimum requirements of this section C.5.

20. Contract section E.2 is deleted in its entirety and replaced with the following:

E.2. Communications and Contacts. All instructions, notices, consents, demands, or other communications required or contemplated by this Contract shall be in writing and shall be made by certified, first class mail, return receipt requested and postage prepaid, by overnight courier service with an asset tracking system, or by EMAIL or facsimile transmission with recipient confirmation. Any such communications, regardless of method of transmission, shall be addressed to the respective party at the appropriate mailing address, facsimile number, or EMAIL address as set forth below or to that of such other party or address, as may be hereafter specified by written notice.

The State:

Deborah Malone-Sauberer, Executive Director
 Assessment Logistics
 Department of Education
 710 James Robertson Parkway
 Andrew Johnson Tower, 10th floor
 Nashville, TN 37243
Deb.Malone-Sauberer@tn.gov
 Telephone#: (615)741-0720
 Fax#: (615)532-7860

The Contractor:

Henry H. Scherich, PhD., President
 Measurement Incorporated
 423 Morris Street Durham, NC 27701
hscherich@measinc.com
 Telephone# 919-683-2413, ext. 1135
 FAX# 919-425-7726

All instructions, notices, consents, demands, or other communications shall be considered effectively given upon receipt or recipient confirmation as may be required.

21. Contract section E.8. is deleted in its entirety and replaced with the following:

E.8. State Ownership of Work Products. The State shall have ownership, right, title, and interest, including ownership of copyright, in all work products, including computer source code, created, designed, developed, derived, documented, installed, or delivered under this Contract subject to the next subsection and full and final payment for each "Work Product." Work Product shall include all test items and prompts drafted, completed work as well as unedited items, rejected items, items under revision, test forms, all psychometric characteristics, including item parameters, and any other materials which may be prepared under this contract. The State shall have royalty-free and unlimited

rights and license to use, disclose, reproduce, publish, distribute, modify, maintain, or create derivative works from, for any purpose whatsoever, all said Work Products.

- a. To the extent that the Contractor uses any of its pre-existing, proprietary or independently developed tools, materials or information ("Contractor Materials"), the Contractor shall retain all right, title and interest in and to such Contractor Materials, and the State shall acquire no right, title or interest in or to such Contractor Materials EXCEPT the Contractor grants to the State an unlimited, non-transferable license to use, copy and distribute internally, solely for the State's internal purposes, any Contractor Materials reasonably associated with any Work Product provided under the Contract.
- b. The Contractor shall furnish such information and data as the State may request, including but not limited to computer code, that is applicable, essential, fundamental, or intrinsic to any Work Product and Contractor Materials reasonably associated with any Work Product, in accordance with this Contract and applicable state law.
- c. Nothing in this Contract shall prohibit the Contractor's use for its own purposes of the general knowledge, skills, experience, ideas, concepts, know-how, and techniques obtained and used during the course of providing the services requested under this Contract.
- d. Nothing in the Contract shall prohibit the Contractor from developing for itself, or for others, materials which are similar to and/or competitive with those that are produced under this Contract.
- e. To the extent that any sub-contractor working with the Contractor uses any of its pre-existing, proprietary or independently developed tools, materials or information, including any derivative works, the sub-contractor shall retain all right, title and interest in and to such Contractor Materials, and the State shall acquire no right, title or interest in or to such Contractor Materials EXCEPT the sub-contractor grants to the State an unlimited, non-transferable license to use, copy and distribute internally, solely for the State's internal purposes, any Contractor Materials reasonably associated with any Work Product provided under the Contract. Internal use shall include Tennessee local education agencies.

22. Contract section E.19. is deleted in its entirety and replaced with the following:

E.19. FERPA Compliance. The State and Contractor shall comply with the Family Education Rights and Privacy Act of 1974 (20 U.S.C. § 1232g) (FERPA) and its accompanying regulations (34 C.F.R. 99). Contractor warrants that it is familiar with requirements of FERPA and its accompanying regulations and that it will comply with all applicable FERPA requirements in the performance of its duties in this contract. Contractor agrees to cooperate with the State as required by FERPA and its regulations in the performance of its duties in this contract. Contractor agrees to maintain the confidentiality of all education records and student information and use such records and information for the exclusive purpose of performing its duties in this contract. The Contractor shall reaffirm this attestation, in writing, by submitting to the State a completed and signed copy of the Authorization and Acknowledgement of Compliance document at Attachment C.

23. Contract Attachment C attached hereto is added as a new attachment.

Required Approvals. The State is not bound by this Amendment until it is signed by the contract parties and approved by appropriate officials in accordance with applicable Tennessee laws and regulations (depending upon the specifics of this contract, said officials may include, but are not limited to, the Commissioner of Finance and Administration, the Commissioner of Human Resources, and the Comptroller of the Treasury).

Amendment Effective Date. The revisions set forth herein shall be effective September 25, 2013. All other terms and conditions of this Contract not expressly amended herein shall remain in full force and effect.

IN WITNESS WHEREOF,

MEASUREMENT INCORPORATED:

SIGNATURE

DATE

PRINTED NAME AND TITLE OF SIGNATORY (above)

TENNESSEE DEPARTMENT OF EDUCATION:

KEVIN HUFFMAN, COMMISSIONER

DATE

AUTHORIZATION AND ACKNOWLEDGEMENT OF COMPLIANCE

Whereas, State has contracted with **Measurement Inc.** on **September 30, 2008** through **September 25, 2014 (Agency Tracking # 33111-00209)**, for **state writing, constructed response and portfolio assessments**, and

Whereas, The above referenced contract may require the disclosure by the State to **Measurement Inc.** of certain personally identifiable student information that is confidential under the Family Educational Rights and Privacy Act (FERPA), and

Whereas, 34 C.F.R. 99.31(2), authorizes an educational agency or institution to disclose personally identifiable information from an education record of a student without the consent required by Sec. 99.30 to a contractor, consultant, volunteer, or other party to whom an agency or institution has outsourced institutional services.

Therefore, the State and **Measurement Inc.** hereby agree as follows:

1. **Measurement Inc.** is authorized to maintain certain student information for the sole purpose of compliance with the requirements of the above referenced contract. This student information may include: name, social security number, achievement data, address, phone number, and parent/guardian name, and any other personally identifiable information collected in the process of test administration.
2. **Measurement Inc.** agrees to comply fully with FERPA by maintaining the confidentiality of all student information and to use the information solely to fulfill its obligations under the above referenced contract with the state.
3. **Measurement Inc.** agrees to destroy all confidential student information when it is no longer needed for purposes of fulfilling its obligations under the above referenced contract.

MEASUREMENT, INC.

DATE

TENNESSEE DEPARTMENT OF EDUCATION

DATE

C O N T R A C T S U M M A R Y S H E E T

8-8-05

RFS # 331.11-002-09	Contract # <i>FA-09-26537-00</i>
State Agency Department of Education	State Agency Division Assessment
Contractor Name MEASUREMENT INCORPORATED	Contractor ID # (FEIN or SSN) <input type="checkbox"/> C- or <input checked="" type="checkbox"/> V- V561264255-00
Service Description Assessment	

Contract Begin Date September 30, 2008	Contract End Date September 25, 2013	SUBRECIPIENT or VENDOR? Vendor	CFDA # See Supplement Form
--	--	--	--------------------------------------

Mark, if Statement is TRUE

Contractor is on STARS as required Contractor's Form W-9 is on file in Accounts as required

Allotment Code	Cost Center	Object Code	Fund	Funding Grant Code	Funding Subgrant Code
331.11	VAR	083	25	VAR	VAR
FY	State	Federal	Interdepartmental	Other	TOTAL Contract Amount
2009	\$1,825,256.76	\$843,310.24	\$0.00	\$0.00	\$2,668,567.00
2010	\$2,335,532.13	\$842,257.74	\$0.00	\$0.00	\$3,177,789.87
2011	\$5,436,313.33	\$889,480.73	\$0.00	\$0.00	\$6,325,794.06
2012	\$5,697,785.15	\$939,899.96	\$0.00	\$0.00	\$6,637,685.11
2013	\$5,852,932.95	\$959,623.76	\$0.00	\$0.00	\$6,812,556.71
2014	\$75,458.00	\$42,462.00	\$0.00	\$0.00	\$117,920.00
TOTAL:	\$21,223,278.32	\$4,517,034.43	\$0.00	\$0.00	\$25,740,312.75

— COMPLETE FOR AMENDMENTS ONLY —		
FY	Base Contract & Prior Amendments	THIS Amendment ONLY
RECEIVED	2008 NOV 12 PM 4:09	COMPTROLLER'S OFFICE OF MANAGEMENT SERVICES
TOTAL:		
End Date:		

State Agency Fiscal Contact & Telephone #
John Sharp - 615-532-1658

State Agency Budget Officer Approval
John Sharp October 30, 2008

Funding Certification (certification, required by T.C.A., § 9-4-5113, that there is a balance in the appropriation from which the obligated expenditure is required to be paid that is not otherwise encumbered to pay obligations previously incurred)

Contractor Ownership

African American Person w/ Disability Hispanic Small Business NOT minority/disadvantaged
 Asian Female Native American OTHER minority/disadvantaged—

Contractor Selection Method

RFP Competitive Negotiation Alternative Competitive Method
 Non-Competitive Negotiation Government Other

Procurement Process Summary
RFP process.

C O N T R A C T S U M M A R Y S H E E T S U P P L E M E N T

Contract Number FA- 09-26537-00

Fiscal Year 2009

Allotment Code	Cost Center	Object Code	Fund	Grant Code	Subgrant Code	CFDA #	Amount
331.11	734	083	25	TK9	AAX	N/A	\$1,825,256.76
331.36	444	083	25	LL9	ACX	84.027	\$843,310.24
2010							
331.11	734	083	25	TK0	AAX	N/A	\$2,335,532.13
331.36	444	083	25	LL0	ACX	84.027	\$842,257.74
2011							
331.11	734	083	25	TK1	AAX	N/A	\$5,436,313.33
331.36	444	083	25	LL1	ACX	84.027	\$889,480.73
2012							
331.11	734	083	25	TK2	AAX	N/A	\$5,697,785.15
331.36	444	083	25	LL2	ACX	84.027	\$939,899.96
2013							
331.11	734	083	25	TK3	AAX	N/A	\$5,852,932.95
331.36	444	083	25	LL3	ACX	84.027	\$959,623.76
2014							
331.11	734	083	25	TK4	AAX	N/A	\$75,458.00
331.36	444	083	25	LL4	ACX	84.027	\$42,462.00
TOTAL							\$25,740,312.75

**CONTRACT
BETWEEN THE STATE OF TENNESSEE,
DEPARTMENT OF EDUCATION
AND
Measurement Incorporated**

This Contract, by and between the State of Tennessee, Department of Education, hereinafter referred to as the "State" and Measurement Incorporated, hereinafter referred to as the "Contractor," is for the provision of prompt development, constructed response item development, processing, scoring and reporting of the Tennessee Comprehensive Assessment Program Writing Assessment, Modified Writing Assessment, Constructed Response Assessment, and the Alternative Portfolio Assessment, as further defined in the "SCOPE OF SERVICES."

The Contractor is a FOR-PROFIT CORPORATION.

Contractor Federal Employer Identification or Social Security Number: 56-1264255

Contractor Place of Incorporation or Organization: 423 Morris Street, Durham, NC 27701

A. SCOPE OF SERVICES:

A.1. The Contractor shall provide all service and deliverables as required, described, and detailed by this Scope of Services and shall meet all service and delivery timelines specified in the Scope of Services section or elsewhere in this Contract.

A.2. The Contractor shall work with the State to develop test prompts, constructed response (cr) items and cr test forms that provide all students access to the holistically scored assessments in ways that produce meaningful results. The State's holistically scored assessment system shall be designed to be valid and accessible for use by the widest possible range of students, including but not limited to students with disabilities and students with limited English proficiency. The Contractor will develop and maintain the assessments as required by Tennessee Code Annotated and Federal law as specified in Section A.7.a. The assessments to be included are the Tennessee Comprehensive Assessment Program Writing Assessment and Modified Writing Assessment; these assessments are required by Tennessee Code and are utilized for annual yearly progress reporting. The Alternative Portfolio Assessment provides materials, scoring and reporting for students with disability who meet the 1% guidelines; this assessment is required by both Federal and State law. In addition, the contract shall provide for item and test form development of a custom Constructed Response Assessment for grades 4 and 7 that will utilize higher order thinking skills and allow teachers to prepare students for national standardized assessments, e.g. College Board, ACT, and NAEP. Each assessment is further described in A.5.a. Unless otherwise indicated, all requirements of this Contract shall apply to all four assessments. The quantity of deliverables for each assessment shall be determined and approved by the State and shall be finalized with the Contractor when the Annual Work Plan is approved.

A.3 Definitions

- a. Allowable Accommodations – Testing accommodations allowable for use with any student. Individualized Education Plan (IEP) and/or 504 plan documentation is not necessary.
- b. Alternate Learning Expectations (ALE) – Identify the essential core of learning for the grade level clusters identified for the TCAP/Alt-PA participants.
- c. Alternate Performance Indicators (API) – Skills assessed within each content area on the alternate assessment; alternate performance indicators vary in complexity and skill level from the performance indicators assessed within the general curriculum.
- d. Analytical Services – Services provided by the Contractor to ensure the technical soundness of assessments. Such services may include, but are not limited to, the

selection of representative samples of Tennessee students, conducting pilot studies (or prompt development studies), scaling of items and test forms, scale/item parameter drift studies (for cr items), item bias/differential item functioning (DIF) analysis, setting of performance standards, and demonstration of test reliability and validity.

- e. Anchor Papers – Sample essays which clearly exhibit the criteria for each score point.
- f. Anchor Portfolio Sets – Sample portfolios which clearly exhibit the criteria for each score point.
- g. Blind Responses – A method of preparing student answer documents in which student demographic data and scores are separated from student responses, to render the responses unidentifiable by any student demographic characteristic, prior to scoring.
- h. Blind Scoring – A method of scoring that allows each student response to be scored independently, without the reader having knowledge of any previous scores.
- i. Checks for Understanding – Suggestions for assessing student learning on classroom lessons.
- j. Comparability and Equating – Statistical evidence that the Assessment is similar in content and psychometric characteristics to the current assessment.
- k. Constructed Response (cr) – Open ended, short answer questions that measure application-level cognitive skills and content knowledge.
- l. Content Standards - Broad divisions of the State curriculum that provide statements of the knowledge and skills that schools are expected to teach and students are expected to learn. Available at <http://tennessee.gov/education/ci/standards/index.shtml>.
- m. Cut Scores – The minimum test score necessary to demonstrate that a test taker has the knowledge and/or skills to perform at a certain level of proficiency.
- n. Developmental Appropriateness – The assessment development process follows policy and procedures adopted by the American Psychological Association.
- o. English Language Learner Accommodations – Testing accommodations allowable for English Language Learner or non-English language background (NELB) students based on individual needs and abilities.
- p. English as a Second Language (ESL) Standards – Grade level standards aligned to the State’s curriculum and performance indicators that are modified to utilize plain English for eligible Limited English Proficient students in grades 3-8.
- q. English Language Learner (ELL) – A student whose first language is not English and who is limited English proficient as determined by State criteria.
- r. Feasibility Study – Documentation providing results of pilot studies conducted as requested by the State for online program testing. See Section A.10.k.
- s. Fiscal Year (FY) - The State accounting period of July 1 through June 30.
- t. Grade Level Expectations – These represent the fundamental goals for student learning and are used by teachers as the principal guide for instructional planning.
- u. Hand Scoring – The process of determining the rating of a student’s work using holistic scoring.
- v. Holistic Scoring – A method of scoring that examines the combination of content, use of details and examples, organization, and general grammatical conventions.
- w. Limited English Proficient (LEP) Student – A student whose first language is not English and who is limited in English proficiency as determined by State criteria (also referred to as English Language Learners).
- x. Linking Items - Items that have known psychometric properties and are common across

- forms for the purpose of equating assessments.
- y. Local Education Agency (LEA) – A school district or school system that is the financial and administrative agency for school(s) in a certain region of the State.
 - z. Longitudinal Assessment – Provides measures of student performance over time utilizing a common scale.
 - aa. Modified Academic Achievement Standards – Grade level standards aligned to the State’s content standards and performance indicators that are modified (less depth and less breadth) for eligible students in assessment of the general standards. Available at <http://tennessee.gov/education/speced/seassessment.shtml#TENNESSEE>.
 - bb. N-Counts – Total number of students.
 - cc. Online Applications – Web-based products as defined in section A.13.b-c.
 - dd. Performance Standards - Indicate student performance and are reported at three levels: Advanced, Proficient, and Below Proficient.
 - ee. Prompt – A short piece of text that defines the topic for the student’s writing. The different modes of writing assessed are as follows: narrative in the elementary school grade, expository in the middle school grade, and persuasive in the high school grade.
 - ff. Reporting Categories - Groups of Performance Indicators used in reporting student performance on the assessments (these categories will be specifically defined by the State).
 - gg. Reporting Category Performance Index (RCPI) - A measure on a 0-100 metric which yields valid and reliable information related to sub-scale scores that is specific to performance on a reporting category.
 - hh. Scientific validity and empirical standards –the assessments shall meet the criteria for test development, administration, and use described in the *Standards for Educational and Psychological Testing* (1999) adopted by the American Educational Research Association (AERA), the American Psychological Association (APA), and the National Council on Measurement in Education (NCME).
www.apa.org/science/standards.html
www.apa.org/science/testing.html
 - ii. Special Accommodations – Testing accommodations specified by Individualized Education Plan (IEP) and/or 504 service plan documentation.
 - jj. State Assigned Student ID Number – Student identification number randomly generated from the statewide student management system.
 - kk. State Performance Indicators – Divisions of the Content Standards which measure specific concepts that students are expected to understand and apply. These provide the basis for student accountability and should be aligned with the corresponding Grade Level Expectations.
 - ll. State Special Schools – A school that is managed by the State. Summary data for State Special Schools is included with public schools. Current schools include: Alvin C. York Institute, Tennessee Governor’s Academy, Tennessee School for the Blind, Tennessee School for the Deaf, West Tennessee School for the Deaf, and Department of Children’s Services.
 - mm. TCA – Tennessee Code Annotated.
 - nn. TCAP – Tennessee Comprehensive Assessment Program.
 - oo. TCAP / Alt-PA – Alternative Portfolio Assessment.
 - pp. TCAP Assessments – Used to identify all State assessments as a group.

- qq. TCAP / CRA – Constructed Response Assessment, administered in grades 4 and 7.
- rr. TCAP / HSAS – Holistically Scored Assessment System, used to identify the assessments provided in this contract as a group.
- ss. TCAP / MWA – Modified Writing Assessment, administered in grades 5, 8, and 11.
- tt. TCAP / WA - Writing Assessment, administered in grades 5, 8, and 11.
<http://www.tennessee.gov/education/assessment/tswritinghome.shtml>
- uu. TN Alt Portfolio Assessment Rubrics – Guide used to score performance in a reliable, fair, and valid manner. A rubric is generally composed of dimensions for judging student performance, a scale for rating performances on each dimension, and standards of excellence for specified performance levels. There are currently three rubrics: regular rubric, modified rubric, and homebound rubric. The rubric used is determined by the student's opportunity for instruction evidenced by placement and attendance.
http://tennessee.gov/education/speced/doc/08_09_TCAP_Reg_Rubric.pdf
http://tennessee.gov/education/speced/doc/08_09_Mod_Rubric.pdf
http://tennessee.gov/education/speced/doc/08_09_Home_Rubric.pdf
- vv. TN Constructed Response Rubrics – Scales to be established by the Contractor with State assistance and approval for use in scoring the TCAP/CRA in a fair, reliable and valid manner.
- ww. TN Writing Rubrics – Scales (currently 6 points) used to determine the range of excellence in the papers written in response to a given prompt for the TCAP/WA and TCAP/MWA.
<http://www.tennessee.gov/education/assessment/tswritingscore.shtml> and
<http://tennessee.gov/education/speced/doc/setcapwrirub.pdf>
- xx. Technical Report – Comprehensive summary report as defined in A.10.j.
- yy. Tennessee Value-Added Assessment System (TVAAS) - One component of the State accountability program that utilizes a statistical methodology to measure student achievement gains.
- zz. Test Year (TY) - The test administration period from July 1 through June 30. Final reporting for the test year may extend into the following test year.
- aaa. Validity and Reliability Requirements – Statistical and psychometrical evidence that the assessments consistently measure the standards and determine level of proficiency.
- bbb. Web-Based – Delivered via the Internet World Wide Web.

A.4. Schedule

The State shall approve all materials and/or deliverables developed under this Contract. The State reserves the right to determine specific details of work tasks and products. Changes to any agreed upon procedures or product specifications must be approved by the State. The Contractor shall not disseminate any written information, materials, or deliverables to the field, public, or any other third party without the State's written approval. The Contractor will allow the State a minimum of five (5) days to review materials and/or deliverables. If necessary, the Contractor will make modifications as directed by the State and provide additional time of not less than three (3) days for the State to review and sign-off on the revised submission. The Contractor is responsible for any expenses associated with making modifications to materials and deliverables necessary to obtain the State's approval.

The Contractor shall provide the deliverables under this Contract in accordance with the delivery schedule stated below:

a. Annual Deliverables.

These deliverables shall be delivered on the dates specified below for the first administration of the assessments. The due dates for subsequent administrations will be established in the Annual Work Plan and must be approved by the State.

- i. Annual Work Plan – To include all activities related to each test administration. Final due 30 days after the Contract is executed and May 1 thereafter. The initial Annual Work Plan shall cover the period from the execution of the Contract through June 30, 2009. Each subsequent Annual Work Plan shall be due to the state by May 1 each year and shall cover the period July 1 through June 30 for that year. The final Annual Work Plan (due May 1, 2012) shall cover the period from July 1, 2012 through the end of the Contract September 25, 2013.
- ii. TCAP/Alt-PA binders and ancillary materials delivered to LEAs or the State distribution center by early October 2008. (This deliverable shall be due in early September for subsequent years.)
- iii. Data Management Activities – Online applications as defined in section A.13 shall be provided to the State beginning mid-October 2008. Specific dates for component deliverables shall be detailed in the Annual Work Plan.
- iv. Technical Support Services – Technical support services for all online applications and online reporting. The technical support services requirements are defined in A.17.f and shall be provided to the State beginning mid-October 2008. Specific dates for component deliverables shall be detailed in the Annual Work Plan.
- v. Progress Reports – Quarterly progress reports as detailed in section A.17.d.ii shall be provided to the State beginning October 15, 2008.
- vi. Conduct CR Item Writing Committee – late November/early December, 2008.
- vii. Administration Materials – Receipt of all TCAP/WA and MWA administration materials as detailed in section A.11.d by the Tennessee Test Distribution Warehouse by December 10, 2008.
- viii. Assessment Materials– Receipt of all TCAP/WA and MWA assessment materials as detailed in section A.11.e by the Tennessee Test Distribution Warehouse by December 10, 2008.
- ix. Conduct CR item review – mid December 2008/early January 2009.
- x. Materials – Receipt of all TCAP/ WA and MWA administration and assessment materials by LEAs by January 9, 2009.
- xi. Random stratified sample – week of February 16th, 2009.
- xii. Range finding meeting – week of February 23rd, 2009.
- xiii. Online Reporting Activities – Online reporting programming as detailed in section A.16.f shall be provided to the State by March 1, 2009.
- xiv. Processing demo – week of March 2nd, 2009.
- xv. Guide to Test Interpretation (GTI) – Receipt of electronic GTI for web posting by March 4, 2009.
- xvi. Room Leader and reader training – week of March 9th, 2009.
- xvii. Student Labels and Score Reports – Receipt by LEAs (with Parent Brochures) by May 1, 2009.
- xviii. Parent Brochures - Delivered with student level reports to LEAs by May 1, 2009.
- xix. Comprehensive Data Files (CDF) – Receipt of CDF by the State by May 30, 2009 and no later than May 30th for each subsequent year of the contract. System level CDFs shall be provided with reporting CDs by June 19, 2009.
- xx. Summary Reports – all summary reports shall be available online for LEAs and the State by June 5, 2009.
- xxi. Reporting CDs – CDs containing all student, school, system and state reports shall be

provided to the LEAs and the State by June 19, 2009.

xxii. Online Prompt Samplers – Receipt of initial Online Prompt Samplers by August 5, 2009.

xxiii. Technical Report – Receipt of Technical Report by the State by September 1, 2009.

b. Pilot deliverables:

Delivery of prompt pilot materials shall be established in the Annual Work Plan. Current prompt pilots are planned for November 2010 and November 2012.

c. One time deliverables:

i. Introductory Training Materials – Receipt by State of System and School level materials as defined in section A.11.b by late September 2008.

ii. Feasibility Study/Online Pilot – Conduct online prompt pilot in the fall of 2010, provide study results to the State by January 13, 2011.

iii. Shipment of Test Archive Documents – receipt of all archived documents by June 15, 2013, see section A.12.c.xix-xxi.

d. The State shall provide the following on or before November 1, 2008:

i. Unique Student ID Numbers.

ii. Tennessee prompts.

iii. List of Tennessee Educators and/or Stakeholders to serve on review committees.

iv. Contact information, including email for State selected expert consultants

v. Contact information, including email, for System and School users of online products.

vi. Shipping information for the Tennessee Test Distribution Center.

vii. Shipping information for all LEAs.

viii. Shipping information for Home School Coordinator.

ix. Shipping information for test documents to be sent for storage at the end of the Contract.

A.5. General Scope of Assessment Services

a. The Contractor shall work with the State to develop four assessments as follows:

i. Writing Assessment currently given in grades 5, 8, 11.

ii. Modified Writing Assessment currently given in grades 5, 8, 11.

The Writing Assessment (TCAP/WA) and Modified Writing Assessment (TCAP/MWA) are performance-based assessments of student writing skills of the Tennessee English Language Arts Curriculum Standards (Performance Indicators and Expectations). The TCAP/WA and MWA shall be developed through a multi-step, joint approval process between the Contractor and the State. The State will develop prompts and distribute the TCAP/WA and MWA to LEAs for administration. The Contractor will print all necessary materials, process, score and report results of the TCAP/WA and MWA.

Students at each grade level respond to an assigned prompt within a specific time period. Each of the prompts assesses a different type of writing: narrative in the elementary grade, expository in the middle school grade, and persuasive in the high school grade. The essays are scored holistically using a State developed rubric and blind scoring methods.

iii. Constructed Response Assessment to be given in grades 4 and 7.

The Constructed Response Assessment (TCAP/CRA) is a performance based assessment of student cognitive skills and content knowledge in the areas of reading/language arts and mathematics for grades 4 and 7. Science shall also be

assessed in grade 7. Social studies content shall be addressed for response with the reading/language arts learning expectations in grades 4 and 7. The CRA shall be developed through a multi-step joint approval process between the Contractor and the State. The Contractor shall work with the State to write constructed response items, develop test forms and distribute the CRA to LEAs for administration. The CRA shall be scored holistically using blind scoring methods and a rubric developed by the Contractor with State review and approval. The Contractor will print all necessary materials, process, score and report results for the TCAP/CRA.

iv. Alternative Portfolio Assessment.

The Alternative Portfolio Assessment (TCAP/Alt-PA) is a performance-based assessment of student academic progress in the content areas of reading/language arts, math, science, and social studies. It is administered to students with the most significant disabilities in grades 3 through 8 in all four content areas, and one time in grades 9-12 in the content areas of reading/language arts, math, and science. Grades K-2 are also included in the content areas of reading and math for systems conducting district-wide assessment at these grade levels. Students in each grade level are assessed on one to three Alternate Performance Indicators (API) in each content area assessed. Each API has a minimum of 15 data collection occurrences documented with a graph on a data collection sheet. The graph must show progress in order for the student to receive the maximum number of points in the content dimension. Each API has an Evidence Sheet (ES) documenting a sample lesson taught, and opportunities for choice, peer interaction, natural support, and multiple inclusive settings. The TCAP/Alt-PA is scored holistically using one of three State developed rubrics (regular, modified, homebound (See A.3.uu)) in the dimensions of Content, Choice, Supports, Settings, and Peer Interactions and blind scoring methods. Choice of rubric used for scoring is determined by the student's opportunity for instruction as evidenced by placement and attendance.

- b. The TCAP/HSAS schedule is as follows:
 - i. TCAP/WA and MWA are administered in early February
 - ii. TCAP/Alt-PA will be completed over a data collection period from September to January each year
 - iii. TCAP/CRA shall be administered during a one week window at the end of September or first of October beginning in the fall of 2009.
- c. Maintaining test validity, reliability, and equivalent prompts across years is a fundamental priority of the program. The Contractor is required to provide the human resources and technology needed to maintain the TCAP/WA, TCAP/MWA, TCAP/CRA, and TCAP/Alt-PA according to State standards.
- d. Assessment results at grade levels 5, 8, and 11 and grade level clusters of K-2, 3-5, 6-8, and 9-12 are used for school accountability. Because of the high stakes nature of TCAP/WA, TCAP/MWA, and TCAP/Alt-PA all aspects of test administration, scoring, and reporting will be undertaken with diligence for test security and score validity. The TCAP/CRA will not be included in the State's accountability system, however, it is expected that all aspects of test administration, scoring and reporting will be undertaken with diligence for test security and score validity.
- e. The Contractor must agree to use State defined or approved assessment materials, holistic scoring procedures and methodologies, and quality-control procedures as defined in this contract. All prompts and cr items developed under this Contract shall be aligned with the assessment's content standards, measure the Performance Indicators, and meet federal assessment criteria available at <http://www.ed.gov/admins/lead/account/saa.html>. The Contractor shall obtain written approval by the State for each prompt, cr item, and other materials used under this Contract. Design and content control of all aspects of this project remains the responsibility of the State and the Contractor. Changes in the design made during the Contract period will be at the discretion of the State.

- f. The Contractor will provide testing materials based upon the number of students tested in each system. In 2007/2008 there were approximately 88,000 4th graders and 86,000 7th graders statewide. Historical usage figures are provided in the following table:

Assessment	2004	2005	2006	2007	2008
Writing 5, 8 and 11	237,270	240,389	247,393	250,502	245,947
Modified Writing 5, 8 and 11	NA	5,650	2,604	545	348
Portfolio	NA	NA	NA	8,100	7,200

- g. Annually, the Contractor will collect demographic data for all students tested statewide with the TCAP-Alt Portfolio Assessment, including students assessed in public schools, state special schools and private schools. School names, numbers, and enrollments change annually. The Contractor will provide demographic and shipping materials based upon the number of students tested in each system.

A.6. Administration Activities:

The Contractor shall provide testing services for all public, state special, approved private schools, and home schooled students beginning in 2008-2009 (TY09).

The Contractor shall develop, produce, and deliver materials to facilitate state testing schedules as outlined in A.5.b. All administrative materials shall be provided to the State in Microsoft Word and/or Excel for use on the State internet or in training.

- a. **Annual Work Plan** - The Contractor shall prepare, for State approval, a detailed Work Plan for each assessment that incorporates the development schedules for the activities of this contract. The initial Work Plan will indicate the essential steps leading to the transition between the Contractor and the existing contractor and shall be submitted within thirty (30) days after awarding the contract. The Work Plan shall include the steps for all project work tasks and deliverables including initiation and completion dates, and task responsibilities to avoid any disruption of services, requirements or deliverables to the students, teachers, schools, LEAs and State.

The Annual Work Plan will outline by task and due date each activity to be performed under this contract following the deliverable timelines established in A.4. The Annual Work Plan must describe all activities related to the development and implementation of items, test forms, web-based programming, training materials, administration materials, vendor support processes, assessment support processes, reports, interpretation materials and logistics, including each stage of production. It shall provide due dates for each activity and indicate areas of responsibility for the Contractor and the State. The Annual Work Plan will serve as a monitoring document to be used by the State to assure timely completion of tasks as scheduled. Each Annual Work Plan shall comprise of all activities related to the administrations of each assessment and may encompass more than an actual 12 month time frame. The Annual Work Plan shall be updated annually with State approval for the duration of the contract.

The final Annual Work Plan for this contract will indicate the essential steps leading to the transition between the Contractor and any vendor awarded any subsequent contract for the provision of these services. The Annual Work Plan shall include the steps for all project work tasks and deliverables including initiation and completion dates, and task responsibilities to avoid any disruption of services, requirements or deliverables to the students, teachers, schools, LEAs and State.

The Contractor shall provide each year the facility, transportation, food and lodging for an Annual Work Plan review between the representatives of the State and the Contractor for planning, materials development, scoring methodology and report approval, as needed. State representatives in consultation with the Contractor shall make selection of the meeting

site and dates. Meeting participants shall include the key project staff including project coordinators and their supervisors from both organizations.

- b. **Security Procedures** – The Contractor shall provide detailed, standardized, security procedures for review and approval by the State. Approved security procedures shall be included in the annual technical report for each assessment. The procedures must:
- i. Comply with State of Tennessee Test Security Law, T.C.A. 49-1-607.
 - ii. Provide a secure architecture to protect processing, scoring, and reporting environments from network-based attacks.
 - iii. Provide security procedures and safeguards to ensure the security of all training materials and procedures.
 - iv. Provide security procedures and safeguards to ensure that electronic files and data are developed, used, and maintained in a secure manner to protect the confidentiality of all students tested, including all materials, records, reports and files.
 - v. Include test security procedures for all student demographic data during scoring and reporting.
 - vi. Provide security procedures and safeguards to ensure the security of the prompts during development, production, piloting, printing and reporting. The procedures shall ensure day-to-day security to prohibit unauthorized personnel access to testing materials through deliberate or unintentional actions.
 - vii. Provide security procedures and safeguards to ensure the security of student essays and/or portfolios during scoring and reporting for operational and pilot administrations.
 - viii. Utilize encryption to ensure security of the assessments and all student/teacher/school/system information entered through all online programs.
 - ix. Provide confidentiality agreements for participants in range finding and review meetings, advisory committees, item writing committees, and all readers. All participants, including item writers and readers must express understanding of the expectation that they are not to discuss or reveal the contents of the prompts, items, results of the assessment, student responses, student demographic information or any other information pertinent to the development, processing, scoring or reporting of the assessments.
 - x. The Contractor is held responsible for the actions of the item writers and readers and must guard against a breach of security. Item writers must be carefully screened and made to understand the importance of the security of the assessment. Readers must be carefully screened and made to understand the importance of the security of the papers and the scoring process. Security includes prohibiting oral communication by readers of the particular day-to-day operations and content of student papers to the general public.
 - xi. Provide and pay for any experts needed should these matters be litigated.
 - xii. The Contractor must not make contact with the press or systems in regard to testing reports, results or procedures. Any contact with the press and school systems shall be handled through the State.
- c. The Contractor shall provide Quality Control as follows:
- i. A comprehensive set of quality control procedures are to be included with the Annual Work Plan. The procedures shall include, but not be limited to: CR item development, prompt development, test development, prompt piloting, materials printing and packaging, administration, scoring, processing, and score reporting.
 - ii. Scoring analysis or other mechanisms that are incorporated for detection of cheating.
 - iii. Procedures for assessing the quality of printing. The Contractor is responsible for replacing misprinted or otherwise defective materials at no cost to the State in such a time as not to impede the assessment, scoring or reporting of assessment data.

- d. The Contractor is responsible for correcting any errors in work products at the Contractor's expense, arising from activities that are the responsibility of the Contractor including but not limited to print errors and program functions. Such corrections may involve activities that include but are not limited to the following:
 - i. Conduct analyses to identify the cause and extent of errors.
 - ii. Edit, revise, and/or reprogram online applications.
 - iii. Reprint and/or reproduce products or other materials.
 - iv. Replace and/or correct data files.
 - v. Reproduce reports.
 - vi. Ship replacement products or reports to the State or systems using expedited shipping services.
 - vii. Purchase of additional equipment (i.e., servers and/or dedicated data circuits).

A.7. Development Activities

- a. Prompt and/or item development activities will be the responsibility of the Contractor and will require the State's approval. All components of test construction shall maintain compliance with State Board of Education Policies located at <http://state.tn.us/sbe/policies.html> and State of Tennessee Laws, located at <http://www.tennesseeanytime.org/laws/laws.html>, including but not limited to: TCA 49-1-601, 49-1-602, 49-1-603, 49-1-604, 49-1-605, 49-1-606, 49-1-607, 49-1-608, 49-1-609, 49-1-610, 49-1-612, 49-6-3050, 49-6-5101, 49-6-5105, 49-6-6001, 49-6-6003, and 49-6-6004.
- b. Prompts shall be written by the State and shall be provided to the Contractor for review and modification. The State shall have final approval of prompts to be used in piloting and selected for operational administrations.
- c. All prompts, constructed response items and other associated materials prepared under this contract must be created specifically for the State, and become the property of the State as defined in Section E.8. This includes completed work as well as unedited items, rejected items, items under revision, test forms, all psychometric characteristics, including item parameters, and any other materials which may be prepared under this agreement.
- d. Constructed responses items and test forms shall be developed through a multi-step process by the Contractor and the State according to but not limited by the following criteria:
 - i. Test Specifications - The Contractor shall provide Test Specifications for each operational form containing the following information in a Microsoft Word and/or Excel document according to the delivery schedule in section A.4. Test specifications shall also be provided in xml format. Test specifications shall be included in each assessment's annual Technical Report.

Test Specifications (Blue Print)

 - (a) Assessment name
 - (b) Content area
 - (c) Target grade
 - (d) Desired Psychometric properties and measurement characteristics (A.10.j.i.)
 - (e) Proposed number of operational items
 - (f) Proposed number of linking items
 - (g) Test Key information to include but not be limited to:
 - (i) item reference number,
 - (ii) item type,

- (iii) item location, and
- (iv) expected proficient response/scoring rubric.
- (h) Item arrangement (within the assessment)
- (i) Item position comparison table indicating item placement as a linking item in previous form
- (j) The amount of time required for testing, by content area.
- (k) All Item specifications
- ii. Item Specifications – The Contractor shall provide item specifications containing the following information in a Microsoft Word and/or Excel document. Item Specifications shall also be provided in xml format.

Item Specifications

- (a) Item reference number
- (b) Item type (new, modified, significantly modified)
 - (i) new items – item written by the current contractor and delivered to the State via item writing committee
 - (ii) modified items – items written by any contractor that have been changed slightly, examples include the removal of a distracter, minor word revisions, minor changes for linguistic simplification and style changes
 - (iii) significantly modified items – items written by any contractor that require comprehensive rewriting to include translations, replacement and/or revision of multiple distracters, and overall language simplification.
- (c) Content area
- (d) Target grade
- (e) Test Key information (A.7.d.i.(g))
- (f) Reporting category
- (g) Performance indicator
- (h) State curriculum alignment (include depth of knowledge)
- (i) Item difficulty (p-value)
- (j) Psychometric measurement characteristics (A.10.a.iii-v, A.10.b, A.10.h, A.10.j.i)
- (k) Origination of item (Contractor, author, date written)
- (l) Item location (within the assessment and name of assessment)
- (m) Test item, any related passage, graphic, or illustration and all copyright information.
- (n) Content and bias review results, including language accessibility and sight review.
- (o) Item bank classification (used items, linking items, items reviewed and available, items rejected in review, items for public release, etc.)
- iii. Constructed Response Item Development –
 - (a) The Contractor shall write cr items to address specific concepts as defined in Performance Indicators located at the web address in section A.3.I. The State may conduct an annual review of all Content Standards and Performance Indicators in order to maintain clarity and scope of State curriculum. Any revisions, modifications, additions, or deletions to the Content Standards and/or Performance Indicators shall be made and reported to the Contractor by July 1st of each test year so that new cr items may be developed for use the following test administration.

- (b) The Contractor shall work with the State to identify the Expectations and Performance Indicators to be assessed and to establish appropriate reporting categories for each content area and grade level. Social Studies content standards shall be covered concurrently with the Reading/Language Arts content standards. A maximum of five (5) reporting categories shall be established for each content area in each grade.
- (c) The Contractor shall write test items to meet Tennessee item writing standards as outlined in the Tennessee style guide provided by the State.
- (d) The Contractor shall select appropriate stimulus materials, abridge, adapt, and format passages as necessary, and obtain copyright permission for use of text and illustrations in this assessment program.
- (e) Stimulus materials submitted to the State for review may consist of originals or clear photocopies of the originals. Passages to be reviewed by the State shall be edited as necessary and formatted with illustrations as they would appear on the TCAP/ CRA if selected for development. Selection and preparation of these materials are to be completed by dates listed in the Annual Work Plan, which shall be proposed by the Contractor each year and approved by the State.
- (f) Using the specifications listed below, the Contractor shall select reading passages and other stimulus materials in each content area for review by the State. The Contractor shall submit as many reading passages and other stimulus materials as necessary for item development. From the submitted materials, the State shall select appropriate passages and/or stimulus materials in each content area for evaluation.
 - (i) The stimulus materials shall provide real life contexts for test questions. Applications of the content standards and performance indicators shall be meaningful for all students. The Contractor may use material from published or publishable materials, books, newspapers, magazine articles, web pages, etc. The material shall be representative of high quality narrative, expository, scientific, mathematical or historical text, realistic content applications, and shall allow for the development of high quality items. Items shall be developed consistent with expectations of students for each grade level and content area. The Contractor shall use the following criteria in selecting reading passages and other stimulus materials:
 1. Reading passages and items developed for Reading/Language Arts will adhere to specifications as outlined in the Content Standards located at the web address in section A.3.I. The Reading and Writing standards contain additional passage specifications.
 2. Text Structure shall adhere to the following criteria:
 - a. Narrative text shall reflect story structure, i.e., an identifiable problem, strong plot, resolution of the problem and well-developed characters, and universal themes familiar to school-based reading at the grade level.
 - b. Expository text shall reflect structures familiar to students with an emphasis on real-world applications.
 - c. Scientific text shall reflect both qualitative and quantitative descriptions of matter and changes matter undergoes, structures that categorize, identify, and compare items, and describe scientific functions familiar to students.
 - d. Mathematics text shall reflect numbers and operations, data interpretation, geometric and algebraic properties, technology, and a wide variety of real-world problems.
 - e. Historical text shall reflect factual representation of people, places, and events that have impacted the progress of the United States and the

world, and maintain references that are equally familiar to all Tennessee students. Primary sources related to Tennessee and/or United States history should be provided whenever possible.

- f. Text shall reflect the ability to expand and use higher order thinking skills and to perform functions in real-world situations. Primary sources, practical applications, and other materials related to life, work, and school must be used.
3. Passages shall represent school appropriate literature and be of general interest and familiarity to most students. Passages and other stimulus materials shall reflect universal themes with which students can identify. Stories shall have well-developed characters that are portrayed as positive role models. Passages shall clearly reflect the content area being tested. No materials that include religious themes, violence, controversial subject matter, or are culturally bound so as to disadvantage large segments of the population, will be used.
 4. Multi-Cultural material shall:
 - a. have a contemporary setting that provides a positive image of the culture being portrayed (African-American, Hispanic, Asian, American Indian, etc.);
 - b. have an author and/or illustrator of the ethnicity being portrayed in the passage; and
 - c. be multi-ethnic as opposed to uni-ethnic (inclusion of characters of ethnicity different from those of the main characters).
 5. The Contractor shall write cr items in a way as to not cause any student, particularly English Language Learners, Vision or Hearing impaired students, an unfair disadvantage. Questions should be worded in a direct and succinct manner, i.e., "Which of the following items best describes...." could be replaced with "Choose the item that best describes...."
 6. The Contractor shall provide reading passages and other stimulus material that are bias free in the areas of gender, religion, ethnicity, nationality, culture, age, visual or hearing impairments, physical differences, socioeconomic status, and rural/urban environments. Test items must meet the standards of the American Educational Research Association (AERA) and the American Psychological Association (APA) for Differential Item Functioning (DIF).
 7. The Contractor shall provide narrative in expository, scientific, mathematical, and historical passages that is appropriate to grade level readers. The Tennessee style guide shall provide specific guidance regarding maximum word counts for passages by grade level. Materials may be abridged from longer pieces with permission granted from the author.
 8. The Contractor shall verify that passages do not appear in textbooks commonly used in Tennessee schools. The State will provide a list of textbooks commonly used in Tennessee.
- (ii) Adapting Passages:
1. Passage Difficulty - If a selected passage contains words, phrases, or language structures determined to be too difficult for the targeted reading level, these words, phrases, and/or language structures shall be deleted or changed unless the passage is a published passage.
 2. Prior Knowledge - If a selected passage contains references that might not be equally familiar to all Tennessee students, these references shall be

clarified in the passage or deleted.

3. Passage Layout, Graphics, and Illustrations -- Passage layout, graphics, and illustrations that accompany passages shall be used as specified by each Performance Indicator. If some illustrations or graphics cannot be used because of content, size, or length limitations, these illustrations or graphics shall be cropped, reduced/enlarged, adapted, or deleted. Additionally, consideration will be given to the ability to adapt or scale for Large Print or translate to text for Braille.
 4. Guidelines for Braille tactile graphic materials include the following:
 - a. Graphics in mathematics tests must follow provisions of the Nemeth Code and Guidelines for Mathematical Diagrams, BANA (1983).
 - b. Graphic material should be simplified without omitting needed information or creating an unfair advantage by supplying and/or alluding to the answer.
 - c. Descriptions of graphics or illustrations should be presented concisely within the student's test booklet if information in the picture is vital to answering any test item. Such descriptions will appear as transcriber's notes throughout the test and must be included in the Teacher's notes to Braille edition.
 - d. An ink print copy of the Braille edition of the test is provided which corresponds to the Braille format and arrangement on the page and will include the description of items where appropriate.
 - e. Braille readers should only be required to accurately measure to the $\frac{1}{2}$ inch or one-centimeter. Graphics depicting measurements must maintain accurate and true proportions to match the answer choices.
 - f. Keys or legends that supplement reading graphics should be located at the top left of the tactile graphic or on the left-hand facing page.
 - g. Braille labeling on graphics will be presented horizontally. Labels should be placed outside the area of the graphic/figure.
 - h. Charts and graphs should be maintained on one page, when possible, or on facing pages.
 5. Emotional Content - If selected material contains emotional content that might interfere with students' ability to process text or otherwise perform on the test, that content shall be changed or deleted.
 6. Reading passages, graphics, illustrations and all copyrighted stimulus materials that are adapted by the Contractor require the written approval of the State prior to use. Written permission of the copyright holder(s) is required before submission to the State for review and approval.
- (iii) Obtaining Copyright Permission:
1. The Contractor shall obtain written copyright permission for use of passages and other stimulus material on the TCAP/CRA (a secure educational use). Written permission shall be obtained for the passages/stimulus materials and any changes made in the passages, illustrations, and format. Copyright shall be established on behalf of the State, not the Contractor. Copyright permission shall allow for the production of a limited number of enlarged print and Braille copies. A commitment from the copyright holders for granting copyright permission is necessary before an item is used on any form of the assessment materials.
 2. Written permission is required before items can be printed for distribution.

Certain selected passages or stimulus materials to be used for public release shall presume a maximum of 350,000 impressions and 350,000 Internet hits per month. The Contractor shall provide copies of all correspondence copyright agreements and other related information to the State prior to the printing of material. All copyright information shall be provided with the item in the item bank.

- (g) The Contractor shall be responsible for writing and revising constructed response items according to but not limited by the following criteria:
- (i) The Contractor shall write new cr items each year. The operational form for each administration shall consist of a minimum of 70% fresh and non-redundant new operational items. The State reserves the right to include previously developed and/or implemented items in the item bank. Items which have been used may be reused after four (4) test years with State approval.
 - (ii) The Contractor shall submit for State review and approval an item development schedule in the Annual Work Plan. The schedule shall include the number of high-quality items to be reviewed and field tested on each assessment.
 - (iii) The Contractor shall provide cr items written in accordance with item specifications drafted by the Contractor's content and assessment specialists and the Tennessee style guide. All items shall be approved by the State. Any passages, items or illustrations not meeting the approval of the State shall be revised and/or additional items developed until the required number of approved items has been met. Any illustrations not meeting with the approval of the State shall be revised or replaced until the necessary number of illustrations has been met.
 - (iv) The Contractor shall format and make revisions electronically in passages/stimulus material, items, illustrations, and documents. Paste-ups are not acceptable as revised items. All materials needing revision shall be revised by the Contractor under timelines defined in section A.4 and the Annual Work Plan. Several revisions to items, illustrations, rubrics, and instructions may be necessary. Any work involving revision or replacement shall be submitted to the State for review, final approval and sign-off.
 - (v) The Contractor shall conduct constructed response item writing committee meetings. All expenses related to item writing meetings shall be the responsibility of the Contractor and shall adhere to guidelines established in A.8.d.vi. The Contractor shall be responsible for the recruitment and training of the constructed response item writers according to but not limited by the following guidelines:
 1. Recruit enough candidates to provide 4-6 item writers and 2 reviewers per content area and grade level.
 2. Candidates shall have a minimum of a bachelor's degree with preference of at least 3 years teaching experience in the grade and content area.
 3. Develop for review and approval training materials required to produce high quality cr items, training materials shall include but not be limited to:
 - a. security procedures,
 - b. overview of the program purpose,
 - c. description of the item writing process,
 - d. information on basic item writing skills,
 - e. orientation to the principles of Universal Design with methods to ensure fair and unbiased items,

- f. sample items,
 - g. writing guides with descriptions of item formats and important characteristics,
 - h. TN content standards with learning expectations and performance indicators,
 - i. TN style guide, and
 - j. item specifications.
4. Provide a training session to include group and individual writing exercises.
 5. Provide recruitment and training to replace item writers not retained.
 6. Provide a collaborative item writing process with brainstorming sessions and other group activities.
 7. Provide item writers with resources to include but not be limited to: text books, graphic aids, vocabulary guides and all training materials listed in A.7.d.iii.(g)(v).3.
 8. Provide item writers with forms for item writing that contain at a minimum, the grade level, content area, content standard, reporting category and performance indicator(s). Item writers shall add the item, a description or sketch of any graphics needed, and the key elements necessary for a correct response.
- (vi) The Contractor shall conduct internal item reviews for quality assurance to include checks for alignment, bias, and best practices in constructed response item formats. The Contractor shall work with the State to review and establish appropriate scoring rubrics for each content area and grade level.
- (vii) The Contractor shall conduct content/bias review meetings for constructed response items. The Contractor shall be responsible for all meeting expenses according to guidelines established in A.8.d.vi. The State shall identify a maximum of 8 participants per grade level to review items for bias, content validity, and rubric validity. Meetings shall be conducted according to but not limited by the following criteria:
1. For each meeting, the Contractor shall provide stimulus materials, draft items, final formatted items (including graphics and/or illustrations), and shall assist State staff in training and facilitating review meetings. The Contractor shall provide supplemental materials as needed, including but not limited to: style guides, dictionaries, grade level vocabulary guides, content standards with performance indicators and reporting categories. All stimulus materials shall be supplied in hard copy format for participant review. The Contractor shall provide all stimulus materials in an electronic format and present to participants using a laptop and LCD projector. Revisions shall be made in the electronic version as much as possible for immediate review and approval by participants.
 2. The Contractor shall obtain written copyright permission for all stimulus materials, including passages, graphics, and illustrations presented for review. Graphics and/or illustrations shall be provided in draft format for items requiring art. Pencil replications, sketches, drawings, and comments (i.e. "include picture of canoe" or "map of Tennessee") shall not be acceptable.
 3. The Contractor shall provide item cards as defined in section A.8.b.i and all review materials in an electronic format (Microsoft Word, Microsoft Excel, .pdf) to the State at least one week prior to review meetings. During all

review meetings, representatives from the State and the Contractor shall keep notes of any edits, revisions, comments or concerns made during the meetings. The representatives shall review their notes at the end of the meetings and copies of each will be made and provided to the State. The Contractor shall maintain the originals for use in test form development. The Contractor shall provide final item cards reflecting all edits, revisions and comments in electronic format to the State within 30 days after the meetings.

4. The Contractor is required to ensure the security of all meeting materials. Participants shall be required to sign confidentiality agreements and all participant materials shall be shredded.
 - (viii) The Contractor shall complete enough items to replenish the item bank with adequate numbers for new operational forms each year that are a minimum of 70% fresh and non-redundant. All items written for review, including those that are rejected, revised, and approved shall be included in the item bank. All art, graphics, illustrations and any related passages for items shall be included with the item in the item bank. Information pertaining to copyright, including but not limited to copyright holder and contact information shall be provided in the item bank for all passages, stimuli, illustrations, graphics, etc. All item parameters (A.10.j.i) for items that have been used in operational forms shall be included with the item in the item specifications. The item specifications shall be submitted to the State in the annual Technical Report. An updated item bank inventory (see A.7.d.ii.(o)) shall be submitted with the annual Technical Report.
 - (ix) The Contractor shall create items to develop Practice tests for each grade and content area of the TCAP/CRA according to timelines in section A.4. Items used for the Practice tests should go through item review. Practice tests shall mirror the operational tests in style, item quantity, and layout. Practice tests shall contain items from all reporting categories. The key and a sample response grid shall be provided in the Practice test booklets. Practice tests shall be updated at least twice during the Contract. Provision of the Practice tests shall disclose sample test format and content to the public. Items used in the Practice tests shall not be used in Item Samplers or operational test forms. The Practice tests shall be provided in both print and electronic format for distribution on the web.
 - (x) The Contractor shall create items to develop Item Samplers available via the internet for each grade and content area of the TCAP/CRA according to timelines in section A.4. Items used for the Item samplers should go through item review. Item Samplers shall contain enough items to portray each question style for every performance indicator in every reporting category. The key and a sample response grid shall be provided in the Item Samplers. Item samplers shall be updated at least twice during the Contract. Provision of the Item Samplers shall disclose sample test format and content to the public. Items used in the Item Samplers shall not be used in Practice tests or operational test forms.
- iv. Constructed Response Test Form Development –
- (a) The Contractor shall prepare formatted test forms constructed of a minimum of 70% fresh and non-redundant operational items for each grade level and content area annually. The annual forms shall include linking items. One version shall be modified for Large Print for each administration. One version may be modified with linguistically simplified language for each administration.
 - (i) The identification and design for use of the linking items for equating purposes shall be finalized with the Contractor by August 1 each year.

- (ii) Test items directly related to reading passages or stimulus shall be on the same page whenever possible.
 - (iii) Social Studies performance indicators shall be assessed in conjunction with Reading/Language Arts for both 4th and 7th grade. There will not be a separate Social Studies content area assessment.
 - (iv) One Braille version shall be developed for each content area and grade level.
- (b) The Contractor shall work with the State to develop a test design that will provide adequate coverage of the content standards and allow for equating of forms from year to year according to but not limited by the following criteria:
- (i) Sufficient number of versions shall be created to allow for adequate coverage of the reporting categories. A minimum of four (4) versions shall be created each year.
 - (ii) A minimum of one item shall be used as a linking item for each content area on every version of the form. The linking items shall be placed in the middle of each form and shall be a high quality item representing more than one performance indicator and / or reporting category.
 - (iii) Forms shall be spiraled to ensure random distribution throughout classrooms.
 - (iv) One version from each year shall be reused the following year as an anchor version to provide year-to-year equating analysis.
- (c) The Contractor shall utilize the following table for guidance in test form design.

Reporting Categories																						
		1			2			3			4			5			A					
		Items																				
Versions	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1	X				X				X				X				X				X	
2		X				X				X				X				X			X	
3			X				X				X				X				X		X	
4				X				X				X				X				X	X	

- (d) The Contractor shall provide test forms that meet the following criteria:
- (i) Test Difficulty and Design
 1. The difficulty level of the test, and the passing standard set shall fairly represent expectations of all students eligible for testing.
 2. The passing score for each TCAP/CRA shall be the same for all students regardless of disability or language proficiency.
 3. Passing scores are targeted to a score range which offers the expectation of proficient performance, and allow for descriptive analysis of performance in terms of content.
 - (ii) Test Length
 1. Tests are standardized.
 2. Each content area administration will not be expected to exceed one hour, including time allocated for instructions. The following schedule shall be used as guidance in test form development:

- a. 4th grade – 30 minutes for Reading/Language Arts and 25 minutes for math
 - b. 7th grade – 40 minutes for Reading/Language Arts, 35 minutes for math, and 35 minutes for science
 - c. Students are able to finish the test in the time allotted. The Contractor shall provide documentation of validity and age appropriateness of test time limits for each grade level and content area per assessment.
- e. Needs of Special Populations (Special Education, Limited English Proficiency, and Section 504 students)
 - i. Prompts and cr items shall be developed and administered in a manner which maximizes participation of students with disabilities and allows for accommodations to the extent reasonable, in accordance with the Individuals with Disabilities Education Act, 20 U.S.C §1400 et seq. (IDEA) and State requirements and guidelines. This includes the provision of Computerized, Simplified Language, Large Print and Braille test versions. Ink Print versions of the Braille test version shall be provided in equal numbers to the Braille version, for test administration needs. Prompts, one cr form, and all ancillary materials will be scaled for Large Print for each grade level for each assessment. The test will enable all students to meet the same passing score for each assessment regardless of disability or language proficiency.
 - ii. Current guidelines for special accommodations used are determined appropriate by the Individualized Educational Plan (IEP) team, documented in the student IEP or Section 504 Plan, and consistently used in the classroom. Special accommodations that may be allowed and documented on the student response document may include: extended time, read aloud/sign internal test instructions/items, cue, multiplication chart, scribe, assistive technology, use of auditory recorder, and other unique accommodations as needed/requested.
 - iii. Current allowable, special, and English Language Learner accommodations are available on the State website at <http://www.tennessee.gov/education/assessment/tsaccom.shtml>.
 - iv. The Contractor shall provide documentation in the Technical Report to verify that cr item development, test form construction, prompt development, program implementation, assessment administration, and report information are monitored to ensure that no impediments are created which systematically limit opportunities for success by members of various student populations including: gender, ethnicity, nationality, culture, age, physical, visual, or hearing impairments, socioeconomic status, or rural/urban environments, as well as special populations including but not limited to: Special Education, Limited English Proficiency, and Section 504.
 - v. Assessment materials should reflect Tennessee demographics. Items and/or passages (reading passages, other textual material, names, and visual material) containing references to people, should depict equal gender balance and approximately 15% must portray minority groups.
 - vi. The Contractor shall present a 2-3 hour workshop annually during the Special Education Conference in Nashville. The workshop shall be at the Contractor's expense and shall include but not be limited to TCAP/Alt-PA updates, using state standards/APIs in the development of an IEP, and appropriate test administration guidelines.
 - vii. The Contractor shall provide a determination, based upon State policies and psychometric standards (see sections A.7.a and A.10.j.vii), as to whether particular test administration modifications required/requested for students with IEP or Section 504 plans would alter the validity, reliability, and equity of the standards being measured.

A.8. Production Activities

- a. The Contractor shall finalize content specifications, test design and blueprints for each

content area and grade level for the TCAP/CRA per the schedule in section A.4. Reviews may be conducted after each administration of each assessment for possible revisions. Materials are to be reviewed and approved by the State at each step of development and production; timelines and procedures for these reviews will be established in the Annual Work Plan.

- b. The Contractor is responsible for producing the first written draft of all materials and products developed for this project. The Contractor is responsible for proofreading documents during development stages and shall propose well-defined procedures to ensure drafts are checked for spelling and proofed for complete accuracy by the Contractor's staff before they are sent to the State for review. The production stages for printed products are defined as follows:
 - i. Item Cards for CR items: Provided electronically in Microsoft Word or .pdf, the item cards provide the item reference number, item stem, all art/graphics, the correct response, alignment with State curriculum to include the standard, performance indicator and reporting category, all item statistics to include p-value for items that have been used operationally. Item cards shall contain one item per page. An item summary shall be supplied to the State in an Excel Spreadsheet and shall include:
 - (a) item reference number,
 - (b) performance indicator,
 - (c) reporting category,
 - (d) correct response,
 - (e) content area,
 - (f) target grade
 - (g) item difficulty (p-value) (for items that have been used operationally)
 - (h) copyright information

During the Item Card stage, the State shall have the right to request revisions to items and replacement of items, such changes shall be made unless obstructed by copyright. The State shall be notified of any changes that would result in invalidation of item statistics; the State reserves the right to make such changes and send an item back for review. The State must approve all changes; such approval shall be made in writing via email or electronic transmission.
 - ii. Mockup: The mockup or rough draft stage will begin with delivery of the Contractor's first draft of written language for a product to the State. Products must be developed using software products commonly used by the State. During the mockup stage, the State and the Contractor will exchange ideas for improving the document. The purpose of the mockup stage is to complete the writing and editing of the product. The mockup stage will be complete when the State approves the product.
 - iii. Draft: The draft stage will begin after the State has approved the wording of the text and layout of various graphic elements. The draft will be submitted to the State in page layout form. The Contractor will supply electronic versions for mock revisions via programs commonly used by the State. During draft stage, the State and the Contractor will exchange reactions to the drafts and subsequent revisions by the Contractor. The purpose of the draft stage is to complete the layout of the product and to proof and revise the product for expression, usage, and typographical errors. The draft stage will be complete when the design layout of the product and the correctness of the language has been approved by the State.
 - iv. Page Proof: The page proof stage will begin with the submission of Contractor's final typeset copy to the State. The purpose of the page proof stage is to ensure that the product has been prepared for printing with accuracy and without error. The Contractor will make corrections and submit additional page proofs as required by the State.

Electronic methods for approval of page proofs or corrected pages must be made available to the State.

- v. **Printers Proof:** The printer's proof stage will begin with delivery of the copy of the product produced by the printer. For each product, three copies produced by the printer will be delivered to the State. The purpose of the printer's proof stage is to ensure that the product will be without flaws or errors in its printed form. The Contractor and printer will make corrections as required and submit additional print proofs to the State as required. Electronic methods for approval of printer's proofs or corrected pages must be made available to the State.
 - vi. **Printed Copy:** Printed copies of the product will be delivered to the State after being proofread by the Contractor. The printed copies will be delivered to the State before the products are shipped to the systems. Printed products will be shipped after the Contractor has received State approval.
- c. The Contractor is responsible for all aspects of production for publishing printed products, including but not limited to formatting, graphics, and key entry. For each publication, the Contractor shall submit for review and approval printing plans that identify font size and style, ink and paper color, paper quality, and layout. Printing examples that show font size and style will be included. The State desires attractive, good-quality printed materials.
- d. The Contractor shall conduct Advisory Committee meetings for prompt selection, or item writing, range finding and other development activities as needed. For each meeting, the Contractor shall provide any necessary stimulus materials and shall assist State staff in facilitating meetings. The Contractor shall provide supplemental materials as needed, including but not limited to: style guides, dictionaries, grade level vocabulary guides, content standards with performance indicators and reporting categories. All stimulus materials shall be supplied in hard copy format for participant review. The Contractor shall provide all stimulus materials in an electronic format and present to participants using a laptop and LCD projector. Revisions shall be made in the electronic version as much as possible for immediate review and approval by participants.
- i. Meetings shall take place in Nashville, TN unless otherwise agreed upon by the State. The number of meetings, meeting dates and locations will be determined mutually by the Contractor and the State. Separate meetings shall be required for different committees for each assessment and/or grade level within each assessment.
 - ii. The State shall be responsible for identifying the attendees for each type of meeting. For the Advisory Committee the State shall identify a maximum of 12 participants from across the state per meeting per assessment (this number does not include State personnel). Participants will be identified according to timelines established mutually by the Contractor and the State to facilitate meeting planning.
 - iii. The State may select up to three experts to participate and/or offer consultation for each type of meeting.
 - iv. Contractor staff will participate in the meetings with Tennessee educators, as required. The Contractor will be responsible for all expenses associated with Contractor staff travel and participation. The Contractor's project manager or designee will be present at meetings for overall management purposes.
 - v. The Contractor is required to ensure the security of the meetings and all meeting materials. Security procedures shall, at a minimum, comply with procedures established in section A.6.b. Participants shall be required to sign confidentiality agreements and all participant materials shall be shredded upon meeting completion.
 - vi. The meetings shall be secure and the Contractor shall pay expenses of all attendees. These expenses shall include mileage, lodging, meals required during travel and overnight stays, and parking, which shall all be based on federal reimbursement guidelines. The Contractor shall provide and pay for the facility, including room rental,

breaks, and meals, and any necessary equipment. The Contractor shall be responsible for all expert honorariums, as well as teacher honorariums if meetings are held during the summer. The Contractor will reimburse school systems for substitute teachers if meetings are held during the school year. This reimbursement will be based on the most current, state approved substitute teacher pay, and will be issued within (30) days of receipt of a reimbursement form to be developed by the contractor and approved by the State.

- vii. The Contractor shall be responsible for all expenses related to additional meetings that result from the need for additional prompt or cr item development, range finding, technical advice or materials review as necessary.
- e. The Contractor shall produce test forms for each assessment in a computerized version. The computerized version shall be provided via CD or secure download from a web-based system. The computerized version of all tests (excluding Braille versions) must be produced for special student populations as required based on identified student needs. Programming for the computerized version shall be customized, interactive and shall allow for adaptation as needed for student success; e.g., voice activation, reading programming, etc. This version shall be provided on a protected CD and/or via secure download which cannot be copied or printed except for the student response document. One set of CDs per grade level per assessment shall be provided to the State annually to allow for additional copies to be made if necessary. CDs shall be provided in jewel cases.
- f. The Contractor shall prepare and produce final, formatted support documents including an Administration Manual, a Parent/Teacher Brochure and miscellaneous ancillary testing materials as described in section A.11.d. Separate support documents and ancillary testing materials shall be provided for each assessment as needed.
- g. The Contractor shall conduct all test administrations according to, but not limited by, the following guidelines:
 - i. Produce a holistic score for TVAAS use for all grade levels for all assessments.
 - ii. Produce an indicator of Proficient, Below Proficient and Advanced by Score point(s) for all grade levels for all assessments.
 - iii. Produce an n-count and percentage of students performing within each Performance Level (3) for each school and system for all grade levels for all assessments.
 - iv. Produce an n-count and percentage of students performing within each Score Point for each school and system for all grade levels for all assessments.
 - v. Produce an n-count and percentage of students with non-scoreable papers as defined in A.14.f.
 - vi. Produce an n-count and percentage of students with alert papers as defined in A.14.g.
 - vii. Produce an n-count and percentage of students absent from test administration.
 - viii. Produce an n-count and percentage of students tested in each membership category.
 - ix. Produce an n-count and percentage of students tested and their performance level/score point for each subgroup as defined by the State.

A.9. Pilot Activities

- a. The Contractor will use the State's existing piloted prompts for the 2009 administration of the TCAP/WA and TCAP/MWA. For the remainder of the contract, the Contractor will assist the State in developing and implementing prompt piloting as needed, beginning with prompt piloting scheduled for November, 2010 and November 2012. The Contractor will conduct pilots with a minimum of 500 students, including those using test accommodations, per prompt. A minimum of 11 prompts for each grade level assessed shall be piloted. The State will determine the dates prompts are to be piloted and the systems/schools in which prompts should be piloted.

- b. The Contractor shall conduct an online prompt pilot as defined in A.10.k.
- c. The Contractor will provide all test materials needed for piloting as defined in section A.11.a.vii. The State shall approve and have the right to modify the design of test materials prior to any printing for any test administration.

A.10. Psychometric Research and Technical Activities:

- a. The Contractor shall conduct the following psychometric and research activities for the TCAP/CRA.
 - i. Conduct and provide results of annual alignment studies to ensure the continuity of curriculum alignment in new test form development. Additional, more in-depth studies may be required for significant changes to State curriculum (A.7.d.iii.(a)). The Contractor shall provide detailed reporting information for the alignment studies in the Technical Report.
 - ii. Develop and implement a linking item design which provides equated forms for each grade level and content area, including Braille, Large Print and Computerized versions.
 - iii. Apply both Classical Test Theory (CTT) and Item Response Theory (IRT) models in scaling the assessment. The Contractor shall include Cronbach's coefficient Alpha $\geq .85$.
 - iv. Utilize Samejima's Graded Response Model (GRM) for the calibration of the constructed response items. The generalized partial credit model (GPCM) may be used as an alternative.
 - v. Utilize a statistically sound methodology to establish a baseline scale for use in equating subsequent forms. A common form (or linking item) equating design or other psychometrically sound method as approved by the State shall be used. The equating of test form difficulty will utilize reporting categories. This method will produce statistically and psychometrically sound results and will be reported to and approved by the State.
 - vi. Establish a reporting category performance index for use in reporting student scores.
 - vii. All test forms must be developed to maintain equated performance levels within each grade level and content area and statistical evidence of the equality shall be approved by and provided to the State in the annual Technical Report.
 - viii. Conduct a study to establish concordance relationships between the TCAP/CRA and other assessments, e.g., the TCAP/Achievement, the NAEP, etc.
- b. The Contractor shall use Item Response Theory (IRT) and Classical Test Theory (CTT) including Generalizability Theory (GT) analyses for each TCAP/WA and MWA pilot administration to ensure parallel and equivalent prompts, validity, and inter-rater reliability in new prompt development. The Contractor shall provide detailed reporting information with statistical and psychometric evidence of the procedures in the Technical Report.
- c. The Contractor shall analyze related pilot and research data.
- d. The Contractor shall use commercially available software for item calibration and test scoring in order to allow the State or its designee the opportunity to perform independent quality assurance. If the Contractor uses proprietary software for these functions then the State and its designee(s) shall be granted license free use of the software for the duration of this contract.
- e. The Contractor shall conduct inter-rater reliability, validity, and other technical studies as necessary for both pilot and operational administrations to support the TCAP Assessments and provide study results to the State.
- f. The Contractor will provide validity and inter-rater reliability assurances (i.e. Kappa and Generalizability Theory) documentation for both pilot and operational administrations on the validity of accommodations used with the TCAP Assessments.
- g. The Contractor shall conduct the following Special Research Studies:

- i. The Contractor will provide evidence of statistically sound methodology utilized to develop equivalent prompts for each grade level of the TCAP/WA and TCAP MWA assessments.
 - ii. The Contractor shall conduct research review meetings in Nashville, TN for the TCAP/CRA, TCAP/WA and TCAP/MWA assessments.
 - (a) A Technical Advisory Committee (TAC) shall be assembled to review curriculum, observe the anchor setting workshop, review cr rubrics, establish cr performance standards and analyze the results of the review meetings. The committee shall be selected by the State and will include at least one nationally recognized psychometric professional.
 - (b) The Contractor shall cover expenses for the TAC review, including attendees' expenses as described in section A.8.d.vi.
 - iii. All prompts and cr items must be developed to maintain equated performance levels within each grade level for each assessment and statistical evidence of the equality shall be approved by and provided to the State after each pilot administration.
 - iv. Additional studies may be required to address special issues such as adverse impact, and/or performance of demographic subgroups including appropriate contrasting group studies.
- h. The Contractor shall provide assessments which meet the following Psychometric measurement characteristics:
- i. Each prompt and cr form shall be demonstrably related to the skills and competencies in the Content Standards and maintain current Performance Standards required for the determination of Score Points and/or Advanced, Proficient, and Below Proficient performance.
 - ii. Overall reliability for each assessment shall be $\geq .750$ (75.0%) inter-rater exact score agreement given the proposed uses of the test.
 - iii. The State/Contractor shall incorporate Differential Item Functioning (DIF) analyses in prompt development and eliminate prompts with DIF that is statistically significant based upon the Contractor's calculations. The Contractor shall examine DIF for subgroups including but not limited to gender and ethnicity.
- i. The Contractor shall develop and publish a Preliminary Technical Report for State review. Upon receipt of State approval the Contractor shall provide a Final Technical Report for each assessment.
- j. The Contractor shall provide a State Technical Report for each assessment for State review and approval. The Contractor is responsible for making corrections to the Technical Report after review by the State. A separate Technical Report shall be provided for pilot and operational administrations. Separate Technical Reports shall be provided for the TCAP/CRA, the TCAP/Alt-PA, and the TCAP/WA/MWA. The Technical Report shall include, but not be limited to, documentation of procedures, analyses, and results related to:
- i. Item Analysis Results (Psychometric item parameters) including but not limited to:
 - (a) CR test blueprint/item specifications as defined in sections A.7.d.i and A.7.d.ii
 - (b) CR item analysis results (psychometric item parameters) to include but not be limited to: mean, standard deviation, item difficulty (p-value and logit of p-value), item discrimination (point biserial correlation), frequency distribution of item response, and item parameters from graded response model.
 - (c) prompt statistics, must include but not be limited to: mean, standard deviation, and frequency distribution of each score point for each prompt by grade, ethnicity and gender, Item Response Theory (IRT) statistics, including relevant prompt and parameters from graded response model or generalized partial credit model (as

- alternative),
- (d) prompt and cr item omission rate, and
- (e) DIF analyses for interested subgroups including but not limited to gender and ethnicity, for each score point and/or proficiency level.
- ii. Sampling procedures for selecting anchor papers.
- iii. Prompt and cr item development and pilot information including but not limited to:
 - (a) statistical and psychometric evidence of procedures used to ensure parallel and equivalent prompts for pilot (evidence should contain IRT information including but not limited to b and a parameters from the graded response model)
 - (b) statistical and psychometric evidence of procedures used to ensure parallel and equivalent cr forms,
 - (c) inter-rater reliability and validity assurances,
 - (d) validity of accommodations, and
 - (e) sampling procedures for selecting students for prompt development/pilot administrations.
- iv. Total number of examinees responding.
- v. Total number of examinees responding by subgroup, score point and/or proficiency level (include all subgroups identified in section A.11.e.iii.(c).
- vi. Familiarity and interest level of each prompt or form (using questionnaire developed by the State)
- vii. The Contractor shall demonstrate the validity and reliability of all parts of the assessments and test measures and shall provide detailed information to this effect. The assessments shall meet the criteria for test development, administration, and use described in the Standards for Educational and Psychological Testing (1999) adopted by the American Educational Research Association (AERA), the American Psychological Association (APA), and the National Council on Measurement in Education (NCME).
- viii. The Contractor shall ensure that all parts of the assessments adhere to professional research and best practice for developmental appropriateness of tests, testing methods and procedures.
- ix. The Contractor shall meet compliance requirements for the Title I assessments as required by NCLB. The Contractor may assist the State in the preparation of documents required for reviews by the United States Department of Education (USDOE) related to NCLB or other federal legislation and/or mandates.
- x. The Contractor shall take corrective action to remediate any deficiencies determined by the peer assessment review conducted by USDOE.
- xi. Separate analyses for each section of the TCAP Assessments must be conducted, including, but not limited to, the following statistics in tabular or graphical forms:
 - (a) indices of prompt and cr item completion rates for all test takers and by subgroups for each score point and/or proficiency levels,
 - (b) descriptive statistics including the mean, standard deviation, minimum, maximum, and quartiles for the score for all test takers, and by subgroups for each score point and/or proficiency levels,
 - (c) other analyses to evaluate the quality of prompts or forms and reports.
- xii. Security procedures as defined A.6.b.
- xiii. All narrative reports submitted by the Contractor shall include an Executive Summary, the

full text, and appendixes containing all relevant data tables. The Executive Summary shall be written to stand alone as a document suitable for public distribution. All final narrative reports and all electronic deliverables shall be provided in Microsoft Word, PDF, and HTML for distribution and posting on the State's web site. The Contractor shall also submit Microsoft Excel spreadsheet versions of all tables and technical appendixes.

- k. The Contractor shall conduct feasibility studies to include piloting of an optional, secure computer administered online version of the assessments according to the timelines in section A.4. Such online assessments might be used in situations such as:
 - i. Outside the large-scale statewide administration, make-up tests for repeaters;
 - ii. Psychometrically valid test accommodation for protected classes of students.

The online pilot shall provide for the testing of students using a customized web-based application and a unique form of the assessments. A minimum of 700 students per prompt shall participate in each pilot. Students shall be tested using either the on-line application or the standard response document for comparative analysis for the studies. The Contractor may provide students with handheld wireless input devices for use in testing.

The Contractor shall provide a users guide and training materials for the online application for State review and approval. The online version shall provide teachers and administrators access to the student's score and class rosters. The data from paper and online test-takers shall be aggregated together at the school, system, and state levels for operational online tests. The Contractor shall use encryption to ensure security of the assessments and all student information entered through the program online.

Scoring shall include a minimum of two human readers. The Contractor may include the use of Computer generated score for comparison. Prompts must have an inter-rater exact score agreement of .80 with human and computer scores for reliability and validity.

A.11. Assessment Materials

The Contractor will provide all required test materials including but not limited to: constructed response test forms, test directions, prompt pages, response documents, bar code labels, test administration manuals, teacher headers and school group lists. The State shall approve and have the right to modify the design of test materials prior to any printing for any test administration.

The following are critical tasks, which provide specifications for the expected materials to be developed by the Contractor and sent to the State. The Contractor shall ship materials either to the State's Distribution Center or directly to the State, public or private school system as indicated by the State. Some additional materials may be added as needed. All descriptions of materials shall apply to each assessment unless otherwise noted. All electronic files shall be compatible with Windows and Macintosh applications with a variety of web browsers including but not limited to Netscape (x), Internet Explorer (x), Firefox (x), and Safari (x). The Contractor shall provide the state with technical specifications required for any online applications.

- a. Technical Specifications for all materials - The Contractor shall use the following guidelines for all materials developed for this program.
 - i. All materials developed are customized for Tennessee and the State reserves the right to make revisions annually.
 - ii. 45# white cavalier (recycled) paper or approved equivalent for cover and interior pages of regular ink print versions.
 - iii. 60# white opaque cougar or approved equivalent paper will be used for scannable documents (teacher headers, all response documents).
 - iv. Covers printed in 1 color of ink plus black (different colors for each assessment – the State must approve all color selections). Inside text printed in black.

- v. Large Print versions should be in 18 point font size. Grey-scale and shading should be avoided. Paper with a dull finish in ivory, cream, or white with black print shall be used. All unnecessary graphics, boxes or framing of material shall be omitted. Folders should be 9" x 12" or other size as agreed upon by the State.
 - vi. Compact Disks (CDs) shall be provided with jewel cases.
 - vii. Materials defined in sections A.11.c-e shall be used for operational and pilot administrations.
 - viii. All materials shall be available in an electronic format for use on the State's internet. The State shall have the ability to cut and paste information from all products for the production of training materials.
 - ix. Test products must be packaged as approved by the State and shipped per the following criteria:
 - (a) consistent package sizes to be determined by the number of versions per assessment and approved by the State,
 - (b) standard and agreed upon packaging order within packs, and
 - (c) all Braille with ink print, Large Print, and Computerized versions of the test will be delivered to the State at the same time as the regular test materials.
- b. Introductory Materials and Meetings- The Contractor shall develop and produce the following introductory materials by September 2008 for TCAP/WA, MWA, CRA and Alt-Pa. The Contractor shall conduct twelve (12) introductory meetings in the following regional locations: Memphis (2), Martin, Jackson, Nashville (2), Columbia, Cookeville, Knoxville (2), Johnson City, and Cleveland/ Chattanooga for each assessment. All expenses associated with these introductory meetings will be the responsibility of the Contractor.
- i. Instructions for Training System Coordinators – approximately 200 sets
 The instructions consist of an outline of key issues to be covered during system coordinator training with explanations accompanied by 30-50 full-color graphics depicting relevant items including, but not limited to, all online applications, administration protocols, and shipping instructions. The instructions will be provided electronically in a PowerPoint presentation format, and in an 8 ½" x 11" binder that includes the script for use in training school personnel offset printed or photocopied on one side only, 30-50 full color transparencies, black and white transparency masters of the color transparencies, and a CD containing the PowerPoint presentation. Training shall be conducted onsite and provided via webinar. The Contractor may provide a training video in addition to the PowerPoint presentation.
 - ii. Instructions for Training School Coordinators – approximately 1500 sets
 Training materials provided for system coordinators to use in training school coordinators. The materials shall include a script with explanations and page number references to the test administration manual(s). A PowerPoint presentation will be included. The materials shall be provided in an 8 ½" x 11" binder that includes the script offset printed or photocopied on one side only, 30-50 full color transparencies, black and white transparency masters of the color transparencies, and a CD containing the PowerPoint presentation. Training shall be conducted onsite and provided via webinar. The Contractor may provide a training video in addition to the PowerPoint presentation.
- c. Preparation Materials - The Contractor shall develop and produce materials to assist students and teachers to prepare for the TCAP Assessments. All materials shall be reviewed for revision and State approval prior to each annual administration.
- i. On-line Prompt Samplers – 1 per grade level per assessment:
 The Contractor shall develop and produce camera-ready electronic .pdf prompt sampler files for the assessments. The Samplers shall include but not be limited to:

- (a) information for students, parents, and teachers about the TCAP/WA and MWA
 - (b) sample prompts for each grade level and explanations of writing styles,
 - (c) images of annotated sample student responses for each score point at each grade level,
 - (d) separate samplers for each assessment.
- ii. On-line CR Item Samplers – 1 per grade level per assessment:
- The Contractor shall develop and produce camera-ready electronic .pdf or item sampler files. The Samplers shall include but not be limited to:
- (a) information for students, parents, and teachers about the TCAP/CRA
 - (b) sample items and explanations of all possible item types for each performance indicator to be included in the TCAP/CRA,
 - (c) items will be organized by performance indicator and reporting category by grade level and content area,
 - (d) item response rubrics and a sample response area,
 - (e) images of annotated sample student responses for each score point at each grade level,
 - (f) designed to coincide with the cr response document for the grade level to include one color plus black,
 - (g) excludes all items used for linking items, practice tests and operational forms,
 - (h) separate samplers for each grade level.
- iii. On-line Portfolio Sampler – 1 per grade cluster:
- The Contractor shall develop and produce camera-ready electronic .pdf portfolio sampler files for the assessment. The Samplers shall include but not be limited to:
- (a) provide information for students, parents, and teachers about the TCAP/Alt-PA,
 - (b) include a minimum of one (1) high-quality example of portfolio activities by content area specific to each Alternate Performance Indicator (API) and Alternate Learning Expectation (ALE) for each grade cluster,
 - (c) include examples of images of annotated sample student responses for each score point at each grade cluster,
 - (d) include examples of additional, possible API activities.
- iv. Pretest Brochure – 1 per student tested:
- The Contractor shall develop and produce a pretest brochure for the TCAP/WA, MWA and PA. The brochure shall include but not be limited to:
- (a) provide test awareness for parents and students, including the writing style assessed by each grade, sample prompt information, and suggestions for test preparation,
 - (b) printed on color paper in black ink,
 - (c) provided in print and electronic copy for distribution on the web,
 - (d) separate brochure for each assessment.
- v. TCAP/CRA Practice Test – 1 per student per grade level
- The Contractor shall develop and produce a practice test form identical in format and content to an operational test form for each content area per grade level. The practice tests shall include but not be limited to:

- (a) information related to understanding the test and offer suggestions on ways to prepare for the test,
 - (b) items will be organized to mirror an operational test form in style, item quantity, and format,
 - (c) available in regular print, Large Print and Braille
 - (d) designed to coincide with the test book and answer document for the grade level, to include one color plus black,
 - (e) the test key and a sample response area, and
 - (f) excludes all items used for linking items, item samplers, and operational forms.
- d. Administration Materials – The Contractor shall develop and produce all materials to assist in the administration of the TCAP Assessments. Separate materials may be required for pilot and operational administrations. All materials shall be reviewed for revision and State approval prior to each annual administration.
- i. Teacher Directions:
 The Contractor may develop and produce Teacher Directions for State review and approval for each assessment. The Teacher Directions shall contain specific information for the administration of each assessment. Separate directions shall be required for each assessment. The Teacher Directions shall include but not be limited to:
 - (a) directions must be printed on 8 ½ x 11 paper in black ink,
 - (b) design and content for directions will be provided to the Contractor by the State,
 - (c) directions for the TCAP/CRA shall include information for the timing of each content area and the number of items,
 - (d) directions for the TCAP/CRA may include a script for the administration of each content area to ensure consistent and appropriate directions are given to students to begin the assessment,
 - (e) directions will be printed for each grade level at the ratio of 1:20,
 - (f) directions will be shrink-wrapped in quantities of 100.
 - ii. Test Directions:
 The Contractor shall develop and produce Test Directions for State review and approval for the TCAP/WA and MWA assessments. The Test Directions shall provide students information pertaining to procedures for the assessment. The Test Directions shall include but not be limited to:
 - (a) test directions must be printed on one page of 8 ½ x 11 paper in black ink,
 - (b) the color of the paper on which test directions are printed must vary by grade level,
 - (c) design and content for test directions will be provided to the Contractor by the State,
 - (d) directions will be printed for each grade level at the ratio of one per student tested,
 - (e) directions will be shrink-wrapped in quantities of 100.
 - iii. Test Administration Manual (TAM): The Contractor shall develop and produce a Test Administration Manual. This document is provided to assist the test administrator during the testing session. Administration requirements for all grades assessed by TCAP/WA and TCAP/MWA shall be included in a manual. Separate manuals shall be developed for the TCAP/Alt-PA and CRA. TCAP/WA, MWA, and CRA manuals shall be provided at a ratio of one manual per 15 students and shrink-wrapped in quantities of 25. The TCAP/Alt-PA manual shall be provided at a ratio of one manual per 5 students and shrink-wrapped in quantities to be determined by the State.

The manuals will include information about checking materials, planning testing schedules, organizing classrooms, preparation of students, use of standardized testing procedures, security of materials, completing the demographic portion of the response documents, accommodations instructions, test directions, administration of the test, assembly of materials for return, and distribution of reports. Thumbnail to full scale images of documents, forms, and other ancillary materials as needed may be included in the manuals. These products shall be submitted to the State for review and approval. The Contractor will make them available in printed form and for downloading from the Internet on a secure site. Revisions will be made as necessary to reflect program changes.

- iv. Teacher Header: The Contractor shall produce teacher header documents for processing and returning response documents. The Teacher Header or Group Information Sheet (GIS) is used to group response documents for processing and reporting. This scannable form shall be pre-coded with system and school names and numbers. It may include space on which to affix a system/school barcode. Additional information to be manually coded on the GIS includes but is not limited to: Teacher first name, Teacher last name, and number of response documents and/or student demographic accountability documents included with the GIS. Non-coded documents shall be provided to the State to accommodate late orders and shall be shrink-wrapped in bulk packages of 500. Pre-coded forms are to be provided at a ratio of one form per 15 students and shrink-wrapped by school and system.
- v. School Group List: The Contractor shall produce a school listing document to be used as a bill of lading for school level use in returning response documents. The school list will provide a listing of each teacher header and total number of documents for each school by grade level per assessment. This non-scannable form shall be pre-coded with system and school names and numbers. Additional information to be documented on the list includes but is not limited to: test administrator's name, contact information, grade level, Teacher first and last names, and total number of response documents. This information should match the information on each administrator's GIS. Non-coded documents shall be provided to the State to accommodate late orders and shall be shrink-wrapped in bulk packages of 500. Pre-coded forms are to be provided at a ratio of two per grade assessed per school and shrink-wrapped by school and system.
- vi. Bar Code Labels: The Contractor may produce bar code labels to affix to each response document or student demographic accountability document and to each teacher header for use in uniquely identifying each system and school. Bar code labels shall contain at a minimum the system and school name and number; they may include student specific demographic information as contained in the response document. Bar code labels shall be provided at ratios of one per student tested and one per teacher header. Bar code labels shall be shrink-wrapped by school and system.
- vii. Guide to Test Interpretation (GTI)/Parent Brochure - 1 electronically per assessment / 1 per student per grade level per assessment

The Contractor shall develop and produce a comprehensive Guide to Test Interpretation to describe report forms used for each assessment. The GTI will describe and provide examples of the various report forms distributed to students, schools, and systems. It will contain supportive information related to interpreting the test results, for example, CR reporting categories assessed and definitions for technical assessment terms. The comprehensive guide shall be developed for use by schools and systems and shall be posted on the State website. From the comprehensive guide, a smaller Parent Brochure shall be developed containing only information pertinent to student reports. The Parent Brochure shall be distributed with the printed test scores and posted on the internet. The Specifications for the Guide and Brochure include but are not limited to:

- (a) Guide and Brochure: available in electronic format that is accessible via the Internet.
- (b) Guide and Brochure: include thumbnails and larger images of selected reports.

- (c) Guide and Brochure: include a description of the scoring process and scoring rubric(s)
 - (d) Guide: developed for the purpose of providing schools and systems with an understanding of the reports that are available, shall include training information for use of online reporting tools.
 - (e) Brochure: developed for the purpose of providing test awareness for parents and students, shall include training information for use of online reporting tools.
 - (f) Brochure: printed on color paper in black ink, separate colors for each assessment
 - (g) Brochure: provided in print format on a 1:1 ratio to student reports per grade per assessment.
- e. Assessment Materials – The Contractor shall develop and produce all materials required for the administration of the TCAP Assessments. Separate materials may be required for pilot and operational administrations. All materials shall be reviewed for revision and State approval prior to each annual administration.
- i. Prompt Sheets:
 - (a) Prompt Sheets will be printed on one page of 8 ½ by 11 white paper in black ink for operational administrations.
 - (b) Prompt Sheets will be printed on one page of 8 ½ by 11 colored paper in black ink and spiraled for pilot administrations. The color of the paper on which prompts are printed must vary by grade level.
 - (c) Design and content for the prompt sheets will be provided to the Contractor by the State.
 - (d) Prompts will be printed for each grade level at the ratio of one per student tested.
 - (e) Prompts will be shrink-wrapped in quantities of 100.
 - ii. CRA Student Test Booklets – The following specifications apply to all student test booklets unless otherwise indicated:
 - (a) Test booklets shall be color coded by grade level for each assessment. Colors shall be reviewed for State approval prior to production.
 - (b) One test booklet per grade level.
 - (c) Test booklets shall be machine scannable to allow for potential computerized scoring, one sheet may contain student accountability demographic data as defined in A.11.e.iii.(c).
 - (d) Test design shall provide a maximum of two items per page with lined space for student writing.
 - (e) A unique litho code per document shall be printed on each sheet of the booklet. If a separate student demographic accountability document is used, coding shall be provided to connect the demographics with the response document.
 - (f) Modified format tests:
 - (i) Braille test booklets for the CRA shall be provided according to but not limited by the following guidelines:

The Contractor shall develop and produce a customized form of the CRA in Braille. Braille materials shall be delivered with annual assessment materials according to timelines established in section A.4. The specifications for Braille versions include:

 1. an ink print copy and scannable answer document shall be provided on a 1:1 ratio,

2. teacher's notes for the Braille version shall be developed to assist teachers with transcriber's notes in the Braille edition, use of special symbols, changes in wording, ink print to Brailled page references, and any other administration information exclusively related to the Braille test,
 3. Braille test books shall be of appropriate weight and type of paper as determined by the State,
 4. pages shall be Brailled on one side of the paper,
 5. items with graphics will be Brailled on facing pages whenever possible,
 6. use of thermoform will be kept to a minimum, and
 7. packaged individually with Teacher's notes, ink print copy and a separate scannable response document for transference of student responses.
- (ii) Large Print test booklets for the CRA shall be provided according to but not limited by the guidelines defined in A.11.a.v.
 - (iii) Computerized Version with a printable answer document shall be provided for each assessment via CD and/or secure download from a web-based system. The Computerized version shall be created from the same version that is selected for Large Print. CDs and/or downloads shall be provided as needed to all Public, State Special, and Private Schools. The Computerized version shall be protected so that only student responses may be printed and no test information may be copied or printed. A set of CDs shall be provided to the State to allow for any additional copies. CDs shall be provided with jewel cases.
- (g) Test booklets shall be shrink-wrapped in units to be determined by the number of versions. Standard units of 5 and 20 will be considered.
 - (h) Versions shall be spiraled for random distribution.
 - (i) Approximately 10% shall be packaged in uncollated groups for use with students with special accommodations to have the test read aloud in small groups.
 - (j) Color coding or other identification marks are to be included on the spine of the test booklets to identify them when stacked.
- iii. Student Response Documents:
- (a) Machine scannable 2 sheet / 4 page folder shall be used for TCAP/WA and MWA, one sheet shall contain student accountability demographic data, one sheet/two pages shall provide lined space for student writing. A unique litho code per document shall be printed on each sheet of the folder.
 - (b) Separate and unique documents may be required for pilot and operational administrations for each assessment.
 - (c) Student accountability demographic data includes but is not limited to:
 - (i) First, Last Name and Middle initial
 - (ii) Student ID Number (state assigned and/or SSN)
 - (iii) Gender
 - (iv) Date of Birth (include age at submission for Alt-PA)
 - (v) Grade (K-12) (assigned)
 - (vi) Grade (K-12) (chronological)
 - (vii) Ethnic Origin (including but not limited to: American Indian/Alaska Native, Asian, Black/African American, Hispanic/Latino, Native Hawaiian/other Pacific Islander, White, Two or more ethnic origins)

- (viii) Membership Data
- (ix) Modified Format (Braille, Large Print, Computer, Simplified Language, On-line)
- (x) Special Programs (including but not limited to: Title I, Special Education, 504 Service Plan, Gifted, Economically Disadvantaged, ESL Transitional 1/Transitional 2, Migrant, Home School, Homeless, Pre-K participation)
- (xi) Special Accommodations
- (xii) ELL Accommodations
- (xiii) Allowable accommodations
- (xiv) Not tested (i.e., absent, ELL or medical exemption)
- (xv) School schedule (i.e., traditional, modified block, block)
- (xvi) Test Date
- (xvii) Prompt alpha identifier (applies to pilot only)
- (xviii) Optional Codes for State use (10 fields minimum)
- (d) Unique Numbers: A unique number should be assigned to each response document. The unique number must be printed on each page of the response document.
- (e) Bar Code Space: Each response document may have a designated space to which a barcode label may be affixed.
- (f) Response documents shall be provided at a ratio of one per student tested.
- (g) Response documents shall be shrink-wrapped in quantities of 250.
- (h) The response documents will be reviewed and may be revised at no additional cost to the State after each administration to incorporate changes for succeeding administrations.
- iv. Student Demographic Accountability Document: Machine scannable single page document to contain student accountability demographic data as detailed in A.11.e.iii.(c) for use in accounting for absent students and students taking the TCAP/Alt-PA and CRA. Separate documents and colors may be required for each assessment.
- v. Modified Formats: Large print and Braille versions of student test materials (prompts, directions, test booklets, response documents) will be provided by the Contractor for each administration.
 - (a) Large-print documents will be printed in 18-point type on 9" x 12" or other approved paper. Reformatting of documents may be necessary to meet these specifications. The Contractor is responsible for proofreading the Braille tests by an independent party and the form must be approved by the state's committee prior to final printing. Test administrator notes and scripts to accompany Braille test versions will also be developed by the Contractor. Braille tests and directions will be marked with regular print on the front cover to indicate the corresponding grade level.
 - (b) Approximately 50 copies of the Braille versions and 200 copies of the large-print versions will be produced for each grade level for each prompt and accompanying directions. All Braille and large-print should include transferable response documents.
 - (c) Approximately 15 copies of the Braille version and 100 copies of the large-print version will be produced for the CRA for each grade level.
 - (d) Large-print and Braille versions of response documents require separate handling during the scoring process. Demographic data will be completed by the school on regular response documents to accompany the large print response and the

transcribed Braille response. Braille and large-print versions should be accompanied by regular print versions of the prompt, directions and response documents to facilitate this process.

- (e) Binders shall be provided for collection of TCAP/Alt-PA materials. Binder specifications include but are not limited to:
 - (i) 8 ½ x 11 x ½ inches
 - (ii) heavy duty with locking rings
 - (iii) white with clear view front for cover inserts
 - (iv) inside cover pockets
 - (v) four (4) 90# reinforced index dividers labeled by content area
 - (vi) eco-friendly with a minimum of 10% recycled content
 - (vii) individually shrink-wrapped with appropriate ancillary materials including but not limited to: a Student Demographic Accountability Document (placed in the front cover of the binder), "No Entry" page, State Assessment Forms, and a Teacher Header placed in the inside pocket of the cover.

A.12. Distribution Requirements

- a. The Contractor shall prepare packaging specifications for State approval and include them in the Annual Work Plan. The specifications will include at a minimum the following:
 - i. Procedures for packing materials for shipment to the State and/or LEAs, including but not limited to:
 - (a) description of how materials are packed,
 - (b) examples of packing and inventory lists, and
 - (c) description of inventory procedures.
 - ii. Procedures for packing materials for return shipment to the Contractor, including but not limited to:
 - (a) detailed instructions for packing materials,
 - (b) inventory procedures, and
 - (c) shipping information.
- b. The State operates a distribution center for the packaging, distribution, collection, and storage of State assessment materials. The Contractor shall adhere to the following guidelines for the packaging of all assessment materials:
 - i. A barcode with a unique machine-scannable and visually readable sequential identification number will be applied to student test booklet covers. The Contractor shall provide a master file containing a record of the sequential identification numbers sent to the State.
 - ii. In addition to quantities requested by the State necessary for enrollments, the Contractor shall provide a ten percent (10%) overage of all materials to allow for printing errors, shipment and site shortages. State file copies shall be included in all delivered materials.
 - iii. All materials shall be shrink-wrapped in units as specified in A.11.
 - iv. On the top of each shrink-wrapped packet of prompts, the Contractor will provide a printed page indicating that the documents are to be considered secure and are not to be opened prior to testing.
 - v. Pre-coded administrative materials, Bar Code labels, Teacher Headers and School Listings, shall be shrink-wrapped by school and system. Each package shall have a

label on the outside identifying the system. Blank documents shall be provided in shrink-wrapped bulk units of not less than one hundred (100) for use in late orders, system shortages, and processing.

- vi. State approval must be received before shipping printed products. The State will provide approval of the forms after receiving and examining the printed samples as defined in A.8.b.v.
- vii. Braille and large-print materials are to be packaged and labeled separately and included in the shipment of test materials to the State.
- viii. Materials for the TCAP/MWA, PA and CRA are to be packaged and labeled separately and shipped to the State or LEAs according to the schedule established in A.4 and the Annual Work Plan.
- ix. The Contractor will be responsible for mailing or shipping any miscellaneous materials to the State and systems as situations arise. The Contractor is required to secure the services of shippers who will provide inside delivery and unload large shipments onto loading docks.
- x. The Contractor will adhere to the shipping schedule established in A.4 and the Annual Work Plan.
- xi. Palletize materials according to the following specifications.
 - (a) Pallets shall be in good repair with no broken or splintered pieces (Class A).
 - (b) Materials shall be stacked or packaged on the pallets to prevent material slippage.
 - (c) Bands used to hold materials in place must be made of plastic. Metal bands will not be accepted in the State warehouse.
 - (d) The size of the pallet shall be 42"W x 48"L x 4-3/4" in height.
 - (e) Height of the materials on the pallet shall be no higher than 44"
 - (f) The combined height of the materials on the pallet and the pallet itself shall be no higher than 48".
- c. The Contractor may provide distribution and shall provide collection and storage of one or more of the TCAP Assessments. These services may be used for pilot and/or operational administrations of each assessment. The Contractor will provide services that include but are not limited to the following:
 - i. Meet the packaging requirements defined in section A.12.b.
 - ii. Provide proper packaging by school of all test materials for shipment to LEAs.
 - iii. Maintain detailed records of the number of tests ordered, shipped, retrieved and scored for each school and LEA.
 - iv. Utilize transport companies who provide inside delivery, and unload large shipments onto loading docks.
 - v. Utilize transport companies who provide inside pick-up, palletizing (if necessary) and load large shipments from loading docks.
 - vi. Utilize a shipping method that provides traceable delivery information. If boxes that were used to initially ship materials are to be used again to return materials, this shall be made explicitly clear in all directions to LEA and school personnel and the boxes must be of sufficient strength and construction to withstand reuse.
 - vii. Design, print, and distribute detailed bill of lading/packing lists for each school and LEA. The LEA and school packing lists shall itemize the materials that are being shipped to the school/LEA including but not limited to: contents of each box, quantities of items shipped, inventory information and the destination.

- viii. Check-in procedures for LEAs to ensure materials are handled securely.
- ix. Check-in procedures for the Contractor with a method of checking for and retrieving response documents and student demographic accountability documents erroneously packaged with used and unused materials, inactive materials, or prompt/directions pages. Separate procedures are required for each assessment.
- x. Provide procedures for providing appropriate materials for students with IEP and Section 504 plans that call for modified test formats such as Braille, Large Print, and electronic media. These materials will be packaged separately and labeled, but will be included in the same shipment with other testing materials, if possible.
- xi. Inventory measures that verify by number, all prompts/directions, portfolios, response documents and student demographic accountability documents shipped to LEAs and returned after testing. Measures shall include a control process wherein all test products being shipped to and from the Contractor's facilities are counted and tracked. Missing shipments shall be traced, located, and redirected to the proper location, and/or replaced as needed.
- xii. Provide test administration support materials and test materials on site in each LEA according to the schedule established in A.4 and the Annual Work plan, but no later than 15 days prior to the first day of the annual assessment window.
- xiii. Provide labels and materials for the return of all materials to the Contractor for scoring at the Contractor's expense.
- xiv. Track return shipments to ensure that LEAs return all test materials to the Contractor for scoring no later than ten (10) working days after the close of the testing window for the annual assessment.
- xv. Notify the State of LEAs who do not return materials within the appropriate time frame
- xvi. Prior to testing, the Contractor shall prepare a missing materials report for test documents based on the material verification process that is completed during materials check-in. The Contractor will ensure that shortages are shipped to LEAs immediately.
- xvii. After testing, the Contractor shall prepare a missing materials report for test documents based on the material verification process that is completed during materials check-in. Reports will be prepared for each school with missing materials listed. School reports will be delivered to system coordinators with a system-level summary and a state level summary to be delivered to the State. Any missing materials returned by systems will be recorded in the missing materials inventory maintained by the Contractor. The missing materials reports must be delivered to the State and systems daily as the check-in of secure materials is processed. For each administration, check-in and verification of secure materials must be completed and discrepancies resolved prior to the first shipment of results to Tennessee systems.
- xviii. The Contractor will provide written reports to the State documenting the check-in of all secure materials. Beyond these measures, the Contractor will be required to manually check answer documents to ensure 100% accuracy of check-in for secure documents.
- xix. Catalog, store and archive completed student test response documents in a secure facility for twelve (12) months from the reporting date.
- xx. Return all unused materials including but not limited to: prompt sheets, response documents, directions and manuals to the State Test Distribution Center for recycle and/or disposal.
- xxi. The Contractor shall ship archived hard copy student test response materials in a secure manner to the State Test Distribution Center at the completion of twelve (12) months for recycle and/or disposal. At the end of the Contract, remaining archived materials shall be shipped to the State, or a location designated by the State for storage.

- xxii. Utilize electronic imaging and duplication technologies to archive all student responses on CD or other electronic media. All archived materials shall be clearly labeled to include at least grade level span, teacher name, school name, and system name. Archived materials shall be maintained by the Contractor for the duration of the Contract. Copies of archived materials shall be provided to the State annually.

A.13. Data Management Activities

The Contractor shall provide customized web-based applications as defined in A.13.b-c for generating, maintaining, and verifying system information and student demographic data for use in assessment processing and reporting. The Contractor shall provide three environments for use in the development of all web-based applications. These environments shall be defined as development, demonstration, and production. Access to the development and demonstration sites shall be secure and provided to State level users only. System level users conducting alpha and/or beta testing of applications shall be given a temporary State user id with temporary access to the demonstration site. Access to the production site shall be secure and provided based on the security level of the user as established in the hierarchy defined in A.13.a.v.

- a. Specifications – Each of the web-based applications shall include but not be limited to the following:
 - i. one user login that grants separate access to each data management application,
 - ii. user friendly and efficient,
 - iii. program modification/revision/customization which allows for stakeholder input and buy-in will be provided as required/requested to meet State criteria,
 - (a) program/project scope/specifications which include detailed milestone units and timeline for the project shall be provided to the state for review and approval,
 - (b) screen shots and/or program demos shall be provided in the development environment at each specified milestone unit,
 - (c) comprehensive demo of the program/project shall be provided in the development environment for review and alpha, beta, etc., testing by state users (may include system level users),
 - (d) training demo of the program/project shall be provided in the demonstration environment for review and alpha, beta, etc., testing by state and system users, training shall include online webinars,
 - (e) operational program/project shall be provided in the production environment (Changes may be made to the program/project at any stage prior to the operational load of the program to the production environment for the current assessment. Revisions to the program/project may be made prior to the next assessment as needed.), and
 - (f) reporting functions that include but are not limited to summary data for State review of user logins, application used, activities completed in the application, data edits, number of students, data uploads, data downloads, reports created, time spent in each activity, etc.
 - iv. accessible via link from the State's online applications web site,
 - v. security measures to include a secure user hierarchy for use with all applications including, but not limited to: state administrators, state users, system level administrators, school level administrators, school level users. Access shall be provided to each level based upon guidelines provided by the State. Different rules may be applied to each application,
 - vi. user management section will allow State, System, and School administrators to manage all user accounts within their authoritative domain,

- vii. online access to procedural guides and other user instructions, training videos, as well as live online training delivered via webinar, for each application as needed,
 - viii. demonstration site containing simulated live data for practice and training at the school level shall be available to State, system and school personnel not less than two weeks prior to operational administration,
 - ix. trained customer service as defined in section A.17.f,
 - x. training materials and software programming shall be customized to meet State reporting requirements and approved by the State,
 - xi. ensure adequate space on servers, band-width and response time in the system to allow for a minimum of 15,000 users simultaneously accessing, entering, uploading, and/or downloading information,
 - xii. ensure response time of not less than industry average of 0.8 seconds and provide technical support to take steps if wait time is longer than 1-2 seconds,
 - xiii. all equipment must be located in a secured, controlled environment, with a redundant backup system in place,
 - xiv. all electronic files and web-based programming must be compatible with Tennessee's K-12 public school technology infrastructure and environment. The State uses Windows and Macintosh applications with a variety of web browsers including but not limited to Netscape (x), Internet Explorer (x), Firefox (x), and Safari (x). The Contractor shall provide the state with technical specifications required for any online applications.
- b. Pre-Coded Demographics – The Contractor shall develop and produce pre-coded student accountability demographic data information on bar code labels and/or response documents. The Contractor shall provide a user friendly system to upload student demographic information from the student management system at the school or system level. The system shall include but not be limited to all demographic data as detailed in A.11 e.iii.(c). The Contractor shall ensure that the system maintains compliance with the State's student management system to enable the acquisition of student information. Uploaded data shall be used to pre-code teacher headers and school/group lists. Bar code labels shall include all available demographic information for each student as well as school and system identification information. Student response documents shall be pre-coded with select demographic information for identification purposes. Schools and/or Systems shall be given a window in which to verify, edit and/or update demographic data information prior to printing of bar code labels and student response documents. The system shall provide the ability to sort on specific demographic fields, defined and approved by the State. The Contractor agrees to modify/revise/customize the pre-coding program as needed to meet State criteria.
- c. Student Demographic Data Verification (SDDV) – The Contractor shall develop a system that provides schools and/or systems the ability to review and edit student demographic information post testing. Data shall be uploaded into the system after scanning on a daily basis. The system shall provide schools with the ability to see differences in data that was uploaded, pre-coded, and scanned. The system shall provide a report of coding errors and/or discrepancies and the ability to sort on specific demographic fields, defined and approved by the State. Schools and systems shall utilize the system to verify and/or edit student demographic coding information. The Contractor agrees to modify/revise/customize the SDDV program as needed to meet State criteria.

A.14. Scoring Activities:

The Contractor shall provide scoring services for the TCAP Assessments. The assessments are scored holistically. Scoring blind responses with accuracy and consistency is a key component in maintaining the reliability and integrity of the TCAP Assessments. The Contractor is required to maintain high levels of scoring accuracy while meeting scoring deadlines. The Contractor shall score the TCAP Assessments according to timelines established in Section A.4 and the Annual Work Plan.

The Contractor shall work with the State to establish an efficient and accurate scoring methodology that may include scanned materials scored via computer using artificial intelligence (AI) technology, hand scores as detailed in A.14.e or a hybrid model combining hand scores with AI technology. The Contractor will implement scoring processes that are reliable and valid as well as efficient in terms of time and expenditures. The Contractor shall provide scoring procedures for all assessments including but not limited to the following:

- a. Establish anchor, qualifying, and training sets as follows:
 - i. The Contractor shall provide the State and expert consultants a sample of 2000 student responses per TCAP/WA and CRA grade, a sample of 100 student responses per TCAP/MWA grade, and a sample of 100 student portfolios per grade level cluster assessed for the TCAP/Alt-PA. Each grade level cluster sample of 100 portfolios is to include a minimum of six (6) Homebound and six (6) Modified Rubric-scored portfolios. Sample papers for each assessment shall be selected from a random stratified statewide sample established by the State.
 - ii. The Contractor shall conduct range finding meetings for the purpose of establishing anchor and qualifying sets to be used in scoring the TCAP Assessments. Separate meetings shall be conducted for each assessment. The State will select TN educators and expert consultants to participate in the meetings.
 - iii. The range finding meetings shall take place in Nashville, TN according to guidelines established in A.8.d. The State shall select at least twenty-five (25) Tennessee educators per TCAP/WA and CRA grade level, at least twenty (20) Tennessee educators for TCAP/MWA (divided across grade levels), at least nine (9) Tennessee educators for TCAP/Alt-PA for each grade level cluster as participants in the meetings. State staff, expert consultants, and Contractor staff will participate in the meetings. Dates for the meetings shall be established in the Annual Work Plan.
 - iv. The Contractor shall be responsible for all meeting expenses according to guidelines established in A.8.d.vi.
 - v. The Contractor's project manager or designee will be present at meetings for overall consultation purposes. The Contractor will provide the appropriate content, statistical, psychometric, and other professional staff to participate in each of the meetings.
 - vi. Contractor staff shall assist State staff and expert consultants in reviewing the recommendations of the range finding committee for the TCAP/WA, MWA and CRA. Contractor staff, State staff, expert consultants and the TCAP/Alt-PA advisory committee will review the recommendations of the Alt-PA range finding committee. These reviews shall finalize the student responses to be used for the anchor and qualifying sets for each grade level/cluster.
 - vii. The range finding meetings shall establish the anchor, qualifying and trainings sets to be used in scoring the TCAP Assessments. These sets are defined as:
 - (a) Anchor set – a minimum of 4 student responses for each score point at each grade level/cluster. The anchor set shall consist of the best examples available for each score point. There shall be one anchor set per assessment. The anchor set shall be scanned to an electronic file and posted on the State website.
 - (b) Qualifying set – a minimum 12 student responses that cover the full range of score points (1-6) for each grade level/cluster. There shall be at least six (6) qualifying sets for each assessment.
 - (c) Training set – a minimum of 12 student responses that cover the full range of score points (1-6) for each grade level/cluster. Training sets shall be developed by the Contractor and State staff as needed during live scoring. A minimum of 10 training sets is anticipated. Training sets shall be used for validity, calibration, and recalibration in working with readers during the scoring process.

- viii. The Contractor shall provide sufficient numbers of copies of the anchor, qualifying and trainings sets to be used in training and scoring the TCAP Assessments.
- b. Establish scoring teams as follows:
- The Contractor will assign its most experienced staff to work on the State TCAP/WA, MWA, CRA and Alt-PA. Staff assigned to work with the TCAP/MWA and Alt-PA shall have backgrounds in special education and experience working with alternative assessments for students with disabilities in addition to other requirements. Requirements for key personnel include but are not limited to the following:
- i. Project Director: The individual assigned to the project must have at a minimum a four-year college degree and experience with writing assessment scoring and with large-scale (more than 150,000) statewide public school performance assessments of students (K-12). The Project Director must be able to establish and maintain appropriate standards throughout the scoring phase of the project. Additionally, he/she must be able to completely adopt State score point decision rules, to explain the subtleties of scoring, and to be firm in their application. The Project Director is responsible for ensuring that all questionable papers/responses (including off-topic, illegible, refusal, another language, and alert papers) are immediately faxed to the State on the day that the readers identify them. The Project Director will be ultimately responsible for TCAP Assessment scoring and must remain on site during all training and scoring.
 - ii. Room Directors: One room director will be assigned to each grade level/cluster scored. He/she must have a four-year college degree and considerable prior experience with the different methods of evaluating large-scale performance assessments. The State prefers individuals who have led reader groups for similar assessment projects of this size and have experience teaching similar grade/subject levels to that which are assessed. Room Directors will be required to adhere to scoring standards set by the State, to resolve problems created by prompts, scoring guides, individual differences in interpretation, and to be sure that the readers score papers according to State scoring standards. They must administer reader training that minimizes the need for retraining by maximizing reader agreement. When two readers differ by more than one point in the score assigned to an individual paper, the Room Director will read the essay a third time and assign the final score. The Room Director will monitor daily reports for his/her readers and immediately identify those who have strayed from the scoring standards and need retraining. Room Directors must maintain a 95% inter-rater reliability rate both with the scoring personnel and with the State.
 - iii. Team Leaders: The Contractor will hire one team leader for every 10 to 12 readers. He/she must have a four-year college degree and experience in evaluating performance-based assessments. Team Leaders shall monitor reader performance, provide recalibration and retraining, and spot check readers' packets to make sure they are not drifting from the rubric. The Team Leader must read five percent (5%) of each reader's output from a randomly chosen sample each day. Additionally, each Team Leader shall cross score with other Team Leaders. Team Leaders will be trained and qualified prior to reader training. Team Leader training shall be conducted by the Contractor with State staff at the Contractor's scoring site. The training shall take a minimum of two days. The team leader training will include training and qualifying procedures for the readers. In addition, the training will include procedures for dealing with readers' questions, interpreting reader reports to determine which readers need additional assistance, and conferencing with readers having difficulty. Team leaders will also be trained in how packets are circulated between teams for second readings and how to complete forms and follow other procedures required by the Contractor and State staff.
 - iv. Readers: The Contractor shall use a screening process for hiring readers that includes an interview and an evaluation of the applicant's written response to sample prompts. Readers will be expected to maintain a 95% inter-rater reliability rate both with the scoring personnel and with the State. The Contractor shall adhere to the following guidelines in hiring and maintaining readers:

- (a) a minimum of a four-year college degree
 - (b) a cross section of readers in terms of age, ethnicity, and gender
 - (c) previous experience on similar projects
 - (d) as part of the screening process all potential readers must sign a statement indicating that they agree to the following conditions:
 - (i) applicants who do not successfully complete the training and qualifying requirements, will not be hired as readers,
 - (ii) readers may be retrained or dismissed if, after being trained to score, their scoring performance does not meet the requirements of the State and Contractor,
 - (iii) readers must commit to score for the duration of the scoring session,
 - (iv) readers who are absent from scoring for two or more consecutive scoring days, must repeat the training and qualifying procedures, and,
 - (v) all readers must sign a confidentiality agreement approved by the State.
 - v. Room Aides: He/she must handle the tasks within assigned rooms that are associated with the paper flow necessary for scoring essay packets. Aides must be trained to assist the Team Leaders, Room Directors, and Warehouse Supervisor in assuring that papers/portfolios move quickly from first to second readings, ensure that scoring sheets are collected promptly, and be detail oriented in transmitting any materials to the State.
- c. Conduct reader training using the established anchor, qualifying and training sets as defined in A.14.a.vii. Training procedures shall include but not be limited to the following:
- i. The Contractor shall conduct training at the Contractor's scoring site(s) according to timelines established in A.4 and the Annual Work Plan. All costs associated with training shall be at the Contractor's expense.
 - ii. The Contractor shall arrange for State staff and expert consultants to be present during team leader/reader training and the beginning of scoring the TCAP Assessments using guidelines established in A.8.d.vi. State staff and expert consultants shall play an integral role in training the team leaders and readers and in guiding and monitoring all aspects of scoring.
 - iii. Anchor, qualifying, and training sets may not be changed or substituted without written permission from the State.
 - iv. Training Room Directors and Team Leaders shall be conducted over a minimum of two days followed by Reader training also over a minimum of two days. Training for each grade level/cluster and each assessment shall be conducted independently.
 - v. The Project Director, Room Directors and Team Leaders must qualify using the criteria for readers as established in A.14.b.iv and shall become familiar with the anchor, qualifying, and training sets. Team Leaders shall conduct reader training using only State standards under the direction of the Project and Room Directors with Contractor staff in consultation with State staff and expert consultants. Contractor staff must agree to cooperate fully with State personnel who will monitor the training and scoring operations.
 - vi. Contractor and State staff shall establish criteria for qualifying readers that shall include, but not be limited to the following:
 - (a) training will include scoring of both paper-based and electronic student responses for all assessments,
 - (b) each reader shall receive copies of anchor, qualifying, and training sets that are easily readable, materials must remain in assigned scoring rooms,

- (c) readers shall read and score all six (6) qualifying sets,
 - (d) readers must pass at least two qualifying sets, one with no less than seventy percent (70%) perfect agreement with thirty percent (30%) adjacent scores and a second with no less than eighty percent (80%) perfect agreement with twenty percent (20%) adjacent scores,
 - (e) score sheets for each reader reflecting scores for all qualifying sets shall be inspected by State staff, and,
 - (f) training methods shall ensure that all State standards are met during scoring, using any other scoring rubrics, scoring philosophies, or altering scores on the State scored anchor, qualifying, or training sets shall be considered a breach of the contract.
- vii. The Contractor must anticipate some loss of readers during training and qualification and increase counts of readers to a level sufficient for completing scoring tasks on schedule.
- d. Establish scoring sites according to the following criteria:
- i. Scoring must be conducted at established scoring sites that draw on the Contractor's most experienced pools of readers who participate in scoring activities on a regular basis throughout the calendar year.
 - ii. Secure facilities that employ procedures and technology to control access and maintain the security of materials. Access to the sites must be limited to full- and part-time employees and authorized visitors. Secure materials must be numbered, accounted for daily by signature when distributed and collected, and maintained in locked storage. Computers containing secure materials must be secured from unauthorized access or copying of files.
 - iii. The Contractor will identify the number and locations of proposed scoring sites and which grades the Contractor intends to score at each site. The State reserves the right to approve scoring sites and the distribution of subject/grade scoring across sites. To be approved by the State, in addition to security requirements, all scoring sites must meet fundamental requirements for accessibility for reader pools, suitability for, and adherence to Federal, State and county building and fire safety codes.
 - iv. All training and scoring for each grade level/cluster for an assessment must be conducted at the same scoring facility. The Contractor must ensure that the scoring site meets the following conditions:
 - (a) rooms are quiet, well ventilated, spacious and clean with adequate restroom facilities for the proposed staff, and comply with all ADA requirements,
 - (b) furnishings must include sturdy worktables, good lighting, and comfortable seating,
 - (c) there must be no distractions,
 - (d) a variety of snack and meal options must be located within 5-10 minutes of the site,
 - (e) readers for each grade must be housed in separate scoring rooms,
 - (f) separate scoring rooms must have sufficient space to permit the formation of the required number of answer document essay packets and portfolios to the various and appropriate scoring stations, and,
 - (g) adequate secure storage space for the student essay packets and portfolios when the essays and portfolios are not in use during actual scoring of the student papers. There must be space, separate from the scoring rooms, for the processing (scanning and generating reports) part of the project.
- e. Score student response documents according to the following criteria:
- i. The Contractor shall work with the State to establish an efficient and accurate scoring

methodology for the TCAP/CRA as well as the TCAP/WA and MWA. The finally agreed upon scoring method may include scanning student response documents and using artificial intelligence (AI) technology. The method may include hand scoring as detailed in this section or a hybrid model which combines AI with hand scoring. AI scores shall be considered a reader for monitoring and reporting purposes.

- ii. TCAP/WA and MWA essays, TCAP/CRA items and TCAP-Alt portfolios, including electronic portfolios, may be holistically scored independently by two readers using blind scoring methods. The Contractor shall develop for State review and approval a specific set of scoring rules for resolving disagreement between first and second readings with third and, infrequently, fourth readings and for calculating final scores.
- iii. The Contractor must ensure that the Project Director and other management personnel maintain effective communication and cooperation with the State throughout each stage of scoring.
- iv. The Contractor will designate at least three scoring staff members meeting the qualifications of Room Directors, one for each grade level/cluster as well as the Project Director to attend, at the Contractor's expense, scoring training meetings conducted by State staff on site at the Department of Education.
- v. The Contractor shall develop and implement an efficient process to group the student essays for scoring. This organizational process must be approved by the State.
- vi. The Contractor shall be responsible for scoring all student writing samples using the students' actual responses and the specific scoring criteria and methods approved by the State.
- vii. The Contractor must develop a specific plan for scoring procedures to be approved by the State, including but not limited to the following basic elements:
 - (a) definition of roles and responsibilities of personnel,
 - (b) flow of student essay papers/portfolios through the scoring process,
 - (c) scoring methodology, use of AI and/or hand scorers,
 - (d) assignment of scores to papers/portfolios,
 - (e) resolution of scoring problems,
 - (f) retraining of readers, and,
 - (g) monitoring and maintaining reliability of scoring and quality control throughout the process.
- viii. The State will monitor all daily scoring statistics. Quality-control reader statistical reports must be provided to the State by the Contractor daily and, at a minimum, include the number of readings, the number of papers read per reader/portfolios scored per reader per day, the total number of papers read/portfolios scored each day, the distribution of scores, the number of third readings/scorings, and the number of non-scoreable papers / portfolios.
- ix. During TCAP/WA, MWA and CRA scoring, the Contractor must produce and transmit by 1:00 p.m. CST to the State daily and cumulative reader scoring reports. The Contractor must have the capability to reproduce any of these reports on request. Readers' identification numbers, student scores, and number of readings for various reports are required. These reports will be made available to team leaders and the scoring director. The Contractor and State will work together annually to determine the format of these reports. The State will have final approval of the design and use of each report. These reports will provide the following information:
 - (a) Daily Summary - Indicating prompt, number of readings, percent agreement, resolutions, point distribution, and breakdown of valid and invalid scores. These

reports include inter-rater agreement, reader production rate statistics, score-point distribution by reader, reliability statistics by reader, and score distribution by grade.

- (b) Cumulative Summary - A summary of the number of readings, percent agreement, resolutions, point distribution, and breakdown of valid and invalid scores sent daily to the State.
 - (c) Cumulative Breakdown of Average Scores - Indicates the average scores for the readers. Checked daily by the team leaders and room leaders, and sent weekly to the State.
 - (d) End of Scoring Report - Indicates by grade the n-count and percent for each score point.
 - (e) End-of-Scoring Cumulative Summary - A total summary of the number of readings, percent agreement, resolutions, and breakdown of valid and invalid scores.
- x. During TCAP/Alt-PA scoring, the Contractor will provide daily quality-control Reader Statistical Reports to the State. The quality-control Reader statistical reports will be submitted to the State contact in either MS Excel or MS Access format, by 4:00 pm CD/ST each day. These reports will include the following:
- (a) number of readings,
 - (b) the number of portfolios read per Reader per day,
 - (c) the total number of portfolios read each day,
 - (d) the distribution of rubrics used,
 - (e) the distribution of scores by Reader and overall,
 - (f) the number of third readings, and
 - (g) the number of non-scoreable portfolios.
- xi. Read behinds will be conducted by State staff and consultants of at least 200 responses for the TCAP/WA and CRA, and 50 responses for the TCAP/MWA per week to assure validity of scoring. The Contractor may send up to 20 TCAP/ALT-PA portfolios to the State for read behind review. Calibration and retraining of affected readers will take place by room leaders as needed and rescoring will take place as necessary.
- xii. The Contractor must demonstrate the attainment of the minimum reliability and validity standards as established in sections A.10.b, A.10.e, A.10.f, A.10.h.i, and A.10.j.viii. State staff shall review calibration reports on a regular basis.
- xiii. The Contractor must provide at least ninety-five percent (95%) inter-rater reliability both with scoring personnel and with the State on a daily basis.
- xiv. If during scoring, a reader (or readers) is determined to have "drifted" from State standards and the papers/portfolios need re-scoring, those papers/portfolios must receive top priority and be reread by two new readers. To determine if reader(s) have "drifted," the Room Director must check the previous day's statistics before reading begins each day. If the statistics indicate a high number of discrepant readings/scorings, all papers/portfolios read on the previous day by a particular reader must be pulled and rescored. Determinations concerning retraining or dismissing the scorer will be made jointly by the Contractor's staff and the State.
- xv. If inter-rater reliability criteria are not met, the State may require the Contractor to rescore the essays/portfolios or may at any time require essays/portfolios scored by a particular reader to be rescored if the reader's statistics show greater than the five percent resolutions required. Readers may require retraining or dismissal if the scoring process is not followed. The decision must be made by the State and the Contractor with the State having the final authority to determine the consequences.

- xvi. The Contractor must provide the State a copy of all student papers/portfolios about which questions have been raised. This includes papers/portfolios with anomalous scores, papers/portfolios which are non-scoreable as defined by the Condition Codes (see section A.14.f), compositions which are considered an "Alert," (see section A.14.g.) and compositions which might indicate administrator interference. Additional pages of student written work that accompany the answer document will not be scored
- f. Establish criteria for non-scoreable papers and portfolios:

Each student essay answer document or portfolio must be scored by two independent readers allowing for a third reading if the first two scores are discrepant by more than one score point or score set. The two readers' scores do not have to agree, but the scores for each reader must be reported. For the TCAP/WA, MWA, and CRA scores of 0 with Condition Codes (A, B, C, D – as indicated in the TN Scoring Rubric) will be used to indicate non-scoreable compositions. Readers will use a holistic scale that focuses on the overall effect of the student writing. For the TCAP/Alt-PA, scores of 0 with Condition Codes (A, B, and C – as indicated in the TCAP/Alt-PA Scoring Rubrics) will be used to indicate non-scoreable portfolios. Readers will use a holistic scale that focuses on the overall effect of the student portfolio.
- g. Establish criteria for alert papers:

Alert status papers are those which indicate a serious or potentially serious problem for the writer (physical/sexual abuse, drug use, gang involvement, running away, suicide, severe anti-social tendencies, etc.). When such a paper is identified, it must be brought immediately to the attention of the Room Director who will see that it is transmitted immediately to the State. The State will then notify the appropriate system personnel. These papers, as well as all others, are strictly confidential and must not be discussed.

A.15. Processing Activities:

- a. The Contractor shall design and implement systems to facilitate processing, scoring, and reporting student results from each administration. The system shall include a plan to verify the accuracy of data produced during each processing step for each administration including the ability to disaggregate and aggregate the results.
- b. The Contractor shall establish quality control measures for monitoring scanners used for student response documents. Scanning must be monitored by the Contractor between each run. The Contractor shall develop for State review and approval reports that identify scanners and provides information that they are working properly throughout each scan run of actual scoring.
- c. The Contractor shall develop a plan to provide a description of editing response and demographic documents and headers to verify the following:
 - i. double marks or inaccurate precoding of printed information,
 - ii. coded incorrectly with respect to student, school, or system identification,
 - iii. documents deemed unscorable for some reason,
 - iv. rules for editing each field on the student response documents, noting which will be flagged, hand-checked, and connected where necessary, and which fields will rely on scanner discrimination rules and not be hand-edited,
 - v. materials used for training editors will be included in the plan, and,
 - vi. a description of the edit reports that will be produced to show what documents need editing, all changes made, the outcome of edits, and the procedures for monitoring the edit changes.
- d. The Contractor shall provide to the State for review and approval a processing plan that includes the return of one or more of the assessments to the Contractor for scanning, editing, scoring, and reporting. At a minimum the plan shall include:

- i. scoring methodology,
- ii. score reporting,
- iii. generation and maintenance of scoring data files,
- iv. quality assurance procedures for each part of the scoring process,
- v. identify the qualifications and training of key personnel involved in this process,
- vi. use Optical Mark Reading (OMR) equipment to scan student response documents,
- vii. provide verification of quality control procedures for each scanner,
- viii. work with the State to establish State monitored quality reviews and provide logs/reports regarding the quality control procedures to the State for review and approval, and
- ix. submit to the State for review and approval quality control procedures for all scoring processes and products. The procedures shall include but not be limited to:
 - (a) steps to ensure that all assessment materials are correctly and reliably scored,
 - (b) quality control review of all phases of production related to scanning student response documents,
 - (c) verification of the scoring program, editing, and resolution procedures for questionable response documents (for example, illegible or light writing, poor erasures, poorly recorded oral responses or incomplete data),
 - (d) quality control review of all phases of production related to reporting and generating data files from the results.

A.16. Reporting Activities:

The Contractor shall produce score reports at the individual student level as well as summary reports at the school, LEA, and state levels, including any needed subgroups, as defined in section A.11.e.iii.(c). The Contractor shall utilize a single, unique and accurate Tennessee state-assigned student id number and the student's current school and LEA unique code identification number at the time of testing. Reports shall be defined and developed for each assessment separately. All reports shall be submitted to the State for review and approval prior to distribution.

- a. The Contractor shall provide technical training, support, required programming and software, including installation and upgrading of proprietary software and programming, to the State necessary to furnish LEAs with student scores and State approved reports. The software shall produce student scores in an easily updated electronic format. The Contractor shall provide written assurance of confidentiality and appropriate security measures to ensure student data is protected.
- b. The Contractor shall work with the State and other state vendors to facilitate required services.
- c. The Contractor will support State equipment for printing and processing all necessary reports, including labels, as per State requirements for any reprints.
- d. The Contractor shall be responsible for shipping all printed reports and CDs to each LEA, State Special School, Private Schools and the State. Reports for Home School students will be sent to the State Home School Coordinator. Printed reports shall be organized and packaged according to State specifications.
- e. The Contractor shall provide a web-based online reporting and report delivery system. The system shall meet the same specifications of other online products as defined in section A.13.a. Reports shall be designed to create a smooth and efficient transition from paper reporting to online reporting so that reports closely resemble existing paper reports. Customized backer text shall be included for each report.
- f. The online reporting and report delivery system shall provide the following programming:

- i. An online help section that provides users with a searchable database that can be used to answer most usability and technology questions. The help section shall include but not be limited to: GTIs and parent brochures, tutorials, user's guide, training materials, a quick reference guide and frequently asked questions. The customer support phone numbers and email addresses shall be posted in the help section.
 - ii. An administrative section that will allow State, System, and School administrators to manage all user accounts within their authoritative domain. Provide security measures to include a user hierarchy as defined in A.13.a.v. This section shall include usage reporting to indicate when/if users have logged in and what reports they have viewed, downloaded, or created.
 - iii. A downloads section that will allow users to download reports in .pdf format to their desktop or CD based upon user security level.
 - iv. A notification section that will allow the Contractor and the State to post information concerning the reports for users to view and/or print. The State issues an embargo on certain data until its official release by the State; this notice and others may be posted on the web-site.
 - v. All electronic files and web-based programming shall be compatible with Windows and Macintosh applications with a variety of web browsers including but not limited to Netscape (x), Internet Explorer (x), Firefox (x), and Safari (x). The Contractor shall provide the state with technical specifications required for any online applications.
 - vi. Scanned data shall be uploaded into the reporting system to provide schools with preliminary class roster reports containing quick score information based upon State established guidelines.
 - vii. Final data shall be uploaded after Student Demographic Data Verification (SDDV) review, editing, and scoring have been completed. Systems shall be able to retrieve Individual Student Reports and final Class Rosters as their data completes processing. Summary reports shall be available within ten days after all State and Public Schools have been processed.
 - viii. Interactive reporting that may be customized to allow users to select data based upon various criteria (including all subgroups and demographic data as defined in A.11.e.iii.(c)) and create custom reports for use in activities including but not limited to: re-rostering for future classes, school improvement plans, and federal reporting requirements.
 - ix. Each customized report, as it is viewed on the screen, will be capable of rendering in a .pdf format through a print function. The customized report may be printed in hard copy or downloaded to the desktop or CD.
 - x. The online reporting system shall maintain an archive of data from previous administrations for the life of the Contract. Interactive reporting shall allow for users to access archived data in the creation of custom reports. All reports created using the online reporting system shall be archived for future retrieval.
- g. The State shall have final approval of all report design for both paper and online reports.
- h. Data Gathered
- i. Collect all individual data from the response documents, or item responses and scores, including commodity codes, demographic data, number of attempts and all other fields.
 - ii. Gather information regarding test security procedures and safeguards including but not limited to; serial numbered booklets, confidentiality agreement forms, etc.
 - iii. A Comprehensive Data File (CDF) per assessment will be provided to the State on a secure file transfer protocol (FTP) web site and on CD. The Data File will include all data from the most recent administration and will include all student demographic and response data and the statewide frequency distribution of student performance. A final

Comprehensive Data File for each administration will be provided to the State and each LEA according to the schedule in section A.4. This information will also be provided to facilitate TVAAS information. Format must be approved by the State and must meet State needs, including the facilitation of required data disaggregation.

- i. Technical Report – The Contractor shall develop, produce and provide a technical report for each assessment as defined in section A.10.j. The technical report shall be supplied in both .pdf and Microsoft Word. The Technical Report shall be submitted to the State electronically for review and approval. Any discrepancies are to be immediately adjusted by the Contractor at the Contractor's expense to the State's satisfaction. Five (5) electronic copies on CD and ten (10) bound paper copies of each technical report shall be submitted to the State after final approval.
- j. The Contractor shall provide customized School, LEA, and State level reports as follows:
 - i. Student Level Reports – The Contractor shall produce and distribute student level reports that include but are not limited to score points and proficiency levels for each grade level/cluster. Scores shall be displayed numerically with written explanations.
 - (a) Student label – pre-printed label for student permanent record indicates student's score point and proficiency level. Includes student name, DOB, ID number, grade level, teacher name, school name, system and test date.
 - (b) Individual Student Report – pre-printed report forms on which student's scores are reported. Report shall include student name, ID number, grade level, teacher name, score point, proficiency level, and explanatory information.
 - ii. School Reports – The Contractor shall produce and distribute school reports to each LEA. School reports shall contain scores for each grade level. School reports shall include but not be limited to the following:
 - (a) Class roster – report with student names sorted alphabetically with score point, and proficiency level. Score point explanations shall be included. Online reports will allow for the creation of custom student rosters that will allow teachers the following year to view their students' test results.
 - (b) School summary – reports containing school n-counts, average score point, and proficiency level information. Reports shall also provide percent of students within each score point and the proficient/advanced levels. Information regarding special condition codes shall be reported by grade. Summary information will be provided by teacher within the school and for the school overall.
 - (c) Disaggregation summary – report containing percent of students within each score point in various demographic categories as defined in section A.11.e.iii.(c) including but not limited to: gender, ethnicity, disability category, ELL status, migrant, and any other category collected from the student response documents. Summary information will be provided for the school overall.
 - iii. LEA Reports – The Contractor shall produce and distribute system reports to each LEA. LEA reports shall contain school and system summary scores for each grade level. LEA reports shall include but not be limited to the following:
 - (a) School roster – report containing school n-counts, average score point and proficiency level information. Summary information will be provided by teacher within the school and for the school overall.
 - (b) System summary – reports containing system n-counts, average score point, and proficiency level information. Reports shall also provide percent of students within each score point and the proficient/advanced levels. Information regarding special condition codes shall be reported by grade for each school. Summary information will be provided by schools within the LEA and for the LEA overall.
 - (c) Disaggregation summary – report containing percent of students within each score

point in various demographic categories as defined in section A.11.e.iii.(c) including but not limited to: gender, ethnicity, disability category, ELL status, migrant, and any other category collected from the student response documents. Summary information will be provided by schools within the LEA and for the LEA overall.

- iv. State Reports – The Contractor shall produce and distribute summary reports to the State. State summary reports shall contain LEA and State summary scores for each grade level. Summary reports shall include all student data for public schools and state special schools. Data for private schools and home school students are not included in State summary reports and are provided to the State separately. State reports shall include but not be limited to the following:
 - (a) System roster – report containing system n-counts, average score point, and proficiency level information. Summary information will be provided by each LEA within the State and for the State overall.
 - (b) State summary – reports containing State n-counts, average score point, and proficiency level information. Reports shall also provide percent of students within each score point and the proficient/advanced levels. Information regarding special condition codes shall be reported by grade for each school. Summary information will be provided by each LEA within the State and for the State overall.
 - (c) Disaggregation summary – report containing percent of students within each score point in various demographic categories as defined in section A.11.e.iii.(c) including but not limited to: gender, ethnicity, disability category, ELL status, migrant, and any other category collected from the student response documents. Summary information will be provided by each LEA within the State and for the State overall.
- v. Electronic Student Data Files – The Contractor shall:
 - (a) Provide the State an electronic comprehensive data file (CDF) containing all student demographic and response data to be aggregated by grade level/cluster for each school, LEA, and the State no later than May 30th of each year (A.4.a.xix). The CDF shall contain student data in a format which enables data to be disaggregated by any and all fields on the student demographic form. Statewide summary data will also include prompt/portfolio and/or item statistics.
 - (b) Draft a layout for the CDF for State approval. The State reserves the right to define data elements and field lengths for all files. Prior to submission to the State, the Contractor is responsible for checking to ensure that all files are consistent and accurately reflect the data provided on reports.
 - (c) Provide separate CDFs for each assessment.
 - (d) Check the accuracy and consistency of all student level data on data files before submission to the State. This includes but is not limited to:
 - (i) ensuring all students tested are included,
 - (ii) ensuring that all demographic fields are included and are accurate reflections of the test answer documents,
 - (iii) Braille and Large Print student records are coded correctly, etc.,
 - (iv) all data is included accurately in the printed reports and data files, and
 - (v) all absentee records are included appropriately in the data.
 - (vi) The State will independently verify the consistency and accuracy of the data files. Any discrepancies are to be immediately adjusted by the Contractor at the Contractor's expense to the State's satisfaction.
 - (e) Provide each LEA an electronic comprehensive data file (CDF) containing all student demographic and response data to be aggregated by grade level/cluster for each

school. The CDF shall contain student data in a format which enables data to be disaggregated by any and all fields on the student demographic form. The layout and all other specifications for the system level CDF shall match the layout for the State CDF. The system level CDFs shall be shipped directly to the LEAs with the reporting CDs in June of each year.

- vi. Interpretive Guides – The Contractor shall:
 - (a) develop, print, and distribute parent brochures for interpretation of individual student score reports as defined in section A.11.d.vii.,
 - (b) provide guides that are clear and easily understood by students, parents, and teachers,
 - (c) provide assistance to the State and LEAs on the interpretation and use of summary test results for program evaluation and accountability, and
 - (d) post guides in the help section of the online reporting program.
- k. The Contractor shall provide customized reports on paper and in .pdf format for each assessment based upon the following report matrix:
 - i. Student Level Reports – 1 paper copy with post-test parent brochure, 1 .pdf copy on school level CD.
 - ii. Student Label – 1 paper copy (on sheets), 1 printable .pdf copy on school level CD (include label specifications for reprints).
 - iii. School Level Reports – 1 .pdf copy of each Class Report and all Summaries on school level CD, 1 .pdf copy of each Class Report and Summary on LEA level CD.
 - iv. LEA Level Reports - 1 .pdf copy each of Class Rosters, all School and System Summaries on LEA level CD, 1 .pdf copy of each System Summary on State level CD.
 - v. State Level Reports – 1 .pdf copy of each School and System Summary Report and the State Summary on State level CD.

<u>TCAP Assessments</u>					
Report	Distribution	Print	Online	PDF/Print-On-Demand	CD
Individual Profile Report	Student	✓	✓	✓	✓
Student Label	School	✓		✓	✓
Class Roster	School		✓	✓	✓
Summary Reports (school level includes list of students in each level with graphic – school graphic will be provided to the system and state, system and state reports include only graphic)	School System State		✓	✓	✓
Disaggregation Summary Report	School System State		✓	✓	✓

Comprehensive Data File	System State		✓		✓
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A.17. Operations Management Activities:

- a. Project Team – The Contractor shall assign a single point of contact for this assessment program to manage all inquires related to materials, training, and technical assistance.
 - i. All members of the Contractors project team must be current members of the Contractor’s regular organizational staff with experience within the company in coordinating test development and implementation activities. Team members must have at a minimum technical experience, knowledge, and operational experience in the following areas:
 - (a) managing or coordinating the development and implementation of large scale assessments,
 - (b) communicating effectively orally and in writing,
 - (c) managing and scoring holistically scored assessments,
 - (d) providing technical skills in the implementation of a large scale testing program and having a working knowledge of professional testing standards and practices, and
 - (e) academic and technical experience in working with statewide assessments for students with disabilities (TCAP/MWA and Alt-PA).
 - ii. The Contractor shall provide a personnel roster, resumes and a reporting organizational chart of key people who shall be assigned to perform duties or services under this Contract.
 - iii. The Contractor shall not remove or reassign key personnel (including but not limited to: Program Manager, Project Manager, Project Coordinator, Chief Psychometrician, Software Project Manager, Lead Software Developer, Director of Test Development, Director of Constructed Response Item Development, Content Area Directors and other personnel in Lead or Director level positions) without prior written approval of the State.
 - iv. The Contractor shall provide qualified replacements in the event that key personnel become unavailable to provide services due to resignation, illness or other factors outside of the Contractor’s control. The Contractor shall provide the State with written notice immediately upon determination of the need for replacement personnel. The Contractor shall provide the State with written notification, the resume or vitae of all personnel proposed for the project team, and an updated organizational chart for review and written approval, which approval shall not be unreasonably withheld.
- b. Administrative Tasks – The Contractor shall provide administrative tasks including, but not limited to, printing and distribution, scoring, and reporting for annual assessments, including test development.
- c. Continuity of Contracts – The Contractor shall:
 - i. Participate in joint meetings with other State appointed Contractors, the Technical Advisory Committee (TAC), and System Testing Coordinators as needed.
 - ii. Cooperate fully with the State in providing a transition between the Contractor and the existing Contractors to avoid any disruption of services, requirements or deliverables to students, teachers, schools, systems or the State.
 - iii. Cooperate fully with the State and any future Contractors designated by the State to transition to potential new Contractors for the TCAP Assessments, technology services and/or data services.
 - iv. Work with any State appointed Contractor in the handling of all student data to support TVAAS and all reporting or other activities as requested by the State.

- v. Work with any State appointed Contractor in the development of web-based applications to ensure a smooth transition within existing services.
 - vi. Provide cr items and prompts within item banks in original format including art. The Contractor shall provide item banks in original software, i.e. Word, Adobe InDesign, Adobe Illustrator or other commercially available software.
 - vii. Provide test development services and deliver to the State camera-ready copies of all tests (in .pdf format), student response documents (in .pdf), and ancillary materials necessary for test administration (including but not limited to: test administrator's manuals, scoring guides, interpretation guides, and training materials) forty-five (45) days prior to the end of the Contract.
- d. Management Meetings – The Contractor shall:
- i. Provide for a minimum of one weekly management meeting between the Contractor and State staff. These management meetings shall include review of the Annual Work Plan and provide an opportunity to discuss task implementation and status.
 - ii. Produce quarterly and annual progress reports with relevant tasks and activities from the schedule and progress noted for each. Progress reports shall include a report of activities completed during the prior quarter (or year, for the annual report). The reports shall provide a list of significant operational problems needing corrective action and shall address the following elements for each problem:
 - (a) date problem reported,
 - (b) identify the problem,
 - (c) assign responsibility for taking corrective action,
 - (d) evaluate the importance of the problem,
 - (e) investigate possible causes of the problem,
 - (f) analyze the problem,
 - (g) recommend actions to prevent recurrence of this or similar problems,
 - (h) implement new process controls as necessary,
 - (i) determine what to do with the failed items,
 - (j) record permanent changes in process documentation, and
 - (k) date problem resolved and/or action closed.

Each quarterly progress report shall also contain:

 - (a) a section that summarizes questions or complaints received by the call center,
 - (b) a section that addresses issues or problems raised by the State,
 - (c) a section that addresses ongoing problems, and
 - (d) an executive summary that provides an informative and substantive description of the major problems and recommendations.

Unanticipated issues or problems shall be reported and addressed as they occur. All progress reports should be submitted in Microsoft Word and/or Excel via email or other electronic media.
- e. Records and Minutes – The Contractor shall take minutes and record lists of participants, including institutional affiliation and contact information for all meetings including, but not limited to, item reviews, advisory committees, management meetings, and technical advisory groups. All minutes, records and lists of participants shall be provided by the Contractor to the State for review and approval within two working days after each meeting. All records and minutes should be provided in a State approved style and format in Microsoft Word

and/or Excel via email or other electronic media. The Contractor shall review contact information for each meeting and update contact information if changed.

- f. Technical Support Services – For each online application the Contractor shall:
 - i. Operate a dedicated call center for the TCAP Assessments. The call center shall receive calls and e-mails on all working days from 7:30 a.m. to 4:30 p.m., Central Time. The call center shall respond to all calls and e-mails within one working day of receipt using the same delivery method.
 - ii. Log, document, and summarize comments, complaints, and questions from schools or LEAs regarding services and products provided by the Contractor.
 - iii. Develop scripts and referral guides for technical support personnel. Separate guides shall be created for each online application as defined in section A.13.b and A.13.c and for the online reporting system defined in section A.16.f. All guides shall be submitted to the State for review and approval.
 - iv. Each quarterly progress report shall contain a section that summarizes, analyzes, and evaluates questions and complaints and a section that contains current scripts and referral guides. Electronic versions of the logs, summaries, scripts, and referral guides shall be made available to the State within five (5) working days of the State's request.

B. CONTRACT TERM:

This Contract shall be effective for the period commencing on September 30, 2008 and ending on September 25, 2013. The State shall have no obligation for services rendered by the Contractor which are not performed within the specified period.

C. PAYMENT TERMS AND CONDITIONS:

- C.1. Maximum Liability. In no event shall the maximum liability of the State under this Contract exceed Twenty-five million, seven hundred forty thousand, three hundred twelve dollars and seventy-five cents. (\$25,740,312.75). The payment rates in Section C.3 shall constitute the entire compensation due the Contractor for the Service and all of the Contractor's obligations hereunder regardless of the difficulty, materials or equipment required. The payment rates include, but are not limited to, all applicable taxes, fees, overheads, and all other direct and indirect costs incurred or to be incurred by the Contractor.

The Contractor is not entitled to be paid the maximum liability for any period under the Contract or any extensions of the Contract for work not requested by the State. The maximum liability represents available funds for payment to the Contractor and does not guarantee payment of any such funds to the Contractor under this Contract unless the State requests work and the Contractor performs said work. In which case, the Contractor shall be paid in accordance with the payment rates detailed in Section C.3. The State is under no obligation to request work from the Contractor in any specific dollar amounts or to request any work at all from the Contractor during any period of this Contract.

- C.2. Compensation Firm. The payment rates and the maximum liability of the State under this Contract are firm for the duration of the Contract and are not subject to escalation for any reason unless amended.
- C.3. Payment Methodology. The Contractor shall be compensated based on the payment rates herein for units of service authorized by the State in a total amount not to exceed the Contract Maximum Liability established in Section C.1.
 - a. The Contractor's compensation shall be contingent upon the satisfactory completion of units, milestones, or increments of service defined in Section A.
 - b. The Contractor shall be compensated for said units, milestones, or increments of service based upon the following payment rates:

PRODUCT DESCRIPTION	UNIT COST
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A.6 Administration Activities	
Annual Work Plan A.6.a	
TCAP/WA and MWA	Total Cost
9/17/08 - 6/30/09	\$33,147.00
7/1/09 - 6/30/10	\$34,428.00
7/1/10 - 6/30/11	\$39,731.00
7/1/11 - 6/30/12	\$41,268.00
TCAP/CRA	Total Cost
9/17/08 - 6/30/09 Dev/Form A	\$51,097.00
7/1/09 - 6/30/10 Form B	\$53,141.00
7/1/10 - 6/30/11 Form C	\$55,267.00
7/1/11 - 6/30/12 Form D	\$57,477.00
TCAP/PA	Total Cost
9/17/08 - 6/30/09	\$25,998.00
7/1/09 - 6/30/10	\$30,020.00
7/1/10 - 6/30/11	\$31,201.00
7/1/11 - 6/30/12	\$32,428.00
A.7 Development Activities	
TCAP/CR Test Specifications (including item specs) A.7.d.i-ii	Total cost
9/17/08 - 6/30/09 Form A	\$309,536.00
7/1/09 - 6/30/10 Form B	\$257,534.00
7/1/10 - 6/30/11 Form C	\$267,835.00
7/1/11 - 6/30/12 Form D	\$278,549.00
7/1/12 - 6/30/13 Form E	\$289,691.00

CR Item Writing Committee A.7.d.iii(g)(v)	Cost per meeting
9/17/08 - 6/30/09 Form A	\$9,310.00
7/1/09 - 6/30/10 Form B	\$9,682.00
7/1/10 - 6/30/11 Form C	\$10,070.00
7/1/11 - 6/30/12 Form D	\$10,472.00
7/1/12 - 6/30/13 Form E	\$10,891.00
CR Item Content/Bias Review A.7.d.iii(g)(vii)	Cost per meeting
9/17/08 - 6/30/09 Form A	\$13,138.00
7/1/09 - 6/30/10 Form B	\$13,664.00
7/1/10 - 6/30/11 Form C	\$14,210.00
7/1/11 - 6/30/12 Form D	\$14,778.00
7/1/12 - 6/30/13 Form E	\$15,370.00
Special Development Studies A.7.d.iii(a)-(b)	Cost per hour
9/17/08 - 6/30/09	\$150.00
7/1/09 - 6/30/10	\$156.00
7/1/10 - 6/30/11	\$162.00
7/1/11 - 6/30/12	\$169.00
7/1/12 - 6/30/13	\$175.00
A.8 Production Activities	
Prompt Selection Advisory Committee A.8.d	Cost per meeting
9/17/08 - 6/30/09	\$18,260.00
7/1/09 - 6/30/10	\$18,990.00
7/1/10 - 6/30/11	\$19,750.00

7/1/11 - 6/30/12	\$20,540.00
7/1/12 - 6/30/13	\$21,362.00
Alt-PA Advisory Committee A.8.d	Cost per meeting
9/17/08 - 6/30/09	\$18,260.00
7/1/09 - 6/30/10	\$18,990.00
7/1/10 - 6/30/11	\$19,750.00
7/1/11 - 6/30/12	\$20,540.00
7/1/12 - 6/30/13	\$21,362.00
A.10 Psychometric Research and Technical Activities	
Research Studies A.10.a	Cost per hour
9/17/08 - 6/30/09	\$150.00
7/1/09 - 6/30/10	\$156.00
7/1/10 - 6/30/11	\$162.00
7/1/11 - 6/30/12	\$169.00
7/1/12 - 6/30/13	\$175.00
Technical Advisory Committee A.10.g.ii	Cost per meeting
9/17/08 - 6/30/09	\$21,045.00
7/1/09 - 6/30/10	\$21,887.00
7/1/10 - 6/30/11	\$22,762.00
7/1/11 - 6/30/12	\$23,673.00
7/1/12 - 6/30/13	\$24,620.00
Technical Report A.10.j	

WA/MWA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)	Total cost (includes electronic version, CDs and hard copies)
7/1/09 - 6/30/10	\$26,887.00
7/1/10 - 6/30/11	\$27,962.00
7/1/11 - 6/30/12	\$29,081.00
7/1/12 - 6/30/13	\$30,244.00
7/1/13 - 9/13/13	\$31,454.00
CRA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)	Total cost (includes electronic version, CDs and hard copies)
7/1/10 - 6/30/11 Form A	\$26,887.00
7/1/11 - 6/30/12 Form B	\$27,962.00
7/1/12 - 6/30/13 Form C	\$29,081.00
7/1/13 - 9/13/13 Form D	\$30,244.00
PA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)	Total cost (includes electronic version, CDs and hard copies)
7/1/09 - 6/30/10	\$26,887.00
7/1/10 - 6/30/11	\$27,962.00
7/1/11 - 6/30/12	\$29,081.00
7/1/12 - 6/30/13	\$30,244.00
7/1/13 - 9/13/13	\$31,454.00
Online Testing Pilot and Feasibility Study A.10.k	Total Cost
7/1/10 - 6/30/11	\$206,877.00

A.11 Assessment Materials	
Introductory Training Materials for System Coordinators A.11.b.i	
WA/MWA (include electronic version)	Total Cost Per Set
9/17/08 - 6/30/09	\$11.40
CRA (include electronic version)	Total Cost Per Set
7/1/09 - 6/30/10	\$11.86
PA (include electronic version)	Total Cost Per Set
9/17/08 - 6/30/09	\$11.40
Introductory Training Materials for School Coordinators A.11.b.ii	
MWA (include electronic version)	Total Cost Per Set
9/17/08 - 6/30/09	\$6.15
CRA (include electronic version)	\$6.40
7/1/09 - 6/30/10	\$6.40
PA (include electronic version)	Total Cost Per Set
9/17/08 - 6/30/09	\$6.15
Preparation Materials A.11.c	
On-line Samplers	
WA/MWA On-Line Prompt Sampler	Cost Per Grade Level
7/1/09 - 6/30/10	\$2,352.00
7/1/10 - 6/30/11	\$2,446.00
7/1/11 - 6/30/12	\$2,544.00
7/1/12 - 6/30/13	\$2,646.00
7/1/13 - 9/13/13	\$2,752.00
CRA On-Line Item Sampler	Cost Per Grade Level

7/1/09 - 6/30/10	\$2,352.00
7/1/10 - 6/30/11	\$2,446.00
7/1/11 - 6/30/12	\$2,544.00
7/1/12 - 6/30/13	\$2,646.00
7/1/13 - 9/13/13	\$2,752.00
PA On-Line Sampler	Cost Per Grade Cluster
7/1/09 - 6/30/10	\$2,352.00
7/1/10 - 6/30/11	\$2,446.00
7/1/11 - 6/30/12	\$2,544.00
7/1/12 - 6/30/13	\$2,646.00
7/1/13 - 9/13/13	\$2,752.00
Pre-Test Brochure	
WA/MWA Pre-Test Brochure	Cost per Brochure
9/17/08 - 6/30/09	\$0.0516
7/1/09 - 6/30/10	\$0.0540
7/1/10 - 6/30/11	\$0.0576
7/1/11 - 6/30/12	\$0.0612
7/1/12 - 6/30/13	\$0.0648
PA Pre-Test Brochure	Cost per Brochure
9/17/08 - 6/30/09	\$0.1200
7/1/09 - 6/30/10	\$0.1260
7/1/10 - 6/30/11	\$0.1320
7/1/11 - 6/30/12	\$0.1380
7/1/12 - 6/30/13	\$0.1440
Practice Tests	

CRA Development (include electronic version & teacher directions)	Cost Per Grade Level
9/17/08 - 6/30/09	\$3,234.00
7/1/10 - 6/30/11	\$3,498.00
7/1/12 - 6/30/13	\$3,783.00
CRA Regular Practice Test (include teacher directions)	Cost Per Test
7/1/09 - 6/30/10	\$0.7009
7/1/10 - 6/30/11	\$0.7289
7/1/11 - 6/30/12	\$0.7581
7/1/12 - 6/30/13	\$0.7884
CRA Large Print Practice Test (include teacher directions)	Cost Per Test
7/1/09 - 6/30/10	\$0.1800
7/1/10 - 6/30/11	\$0.2040
7/1/11 - 6/30/12	\$0.2280
7/1/12 - 6/30/13	\$0.2520
CRA Braille Development (include electronic version & teacher directions)	Cost Per Grade Level
9/17/08 - 6/30/09	\$1,200.00
7/1/10 - 6/30/11	\$1,248.00
7/1/12 - 6/30/13	\$1,298.00
CRA Braille Practice Test (include teacher directions)	Cost Per Test
7/1/09 - 6/30/10	\$68.12
7/1/10 - 6/30/11	\$70.84

7/1/11 - 6/30/12	\$73.68
7/1/12 - 6/30/13	\$76.63
Administration Materials A.11.d	
CRA Teacher Directions (include electronic version)	Cost per Directions
7/1/09 - 6/30/10 Form A	\$0.1260
7/1/10 - 6/30/11 Form B	\$0.1320
7/1/11 - 6/30/12 Form C	\$0.1380
7/1/12 - 6/30/13 Form D	\$0.1440
WAM/WA Test Directions	Cost per Directions
9/17/08 - 6/30/09	\$0.0516
7/1/09 - 6/30/10	\$0.0540
7/1/10 - 6/30/11	\$0.0576
7/1/11 - 6/30/12	\$0.0612
7/1/12 - 6/30/13	\$0.0648
PA Test Directions	Cost per Directions
9/17/08 - 6/30/09	\$0.1200
7/1/09 - 6/30/10	\$0.1260
7/1/10 - 6/30/11	\$0.1320
7/1/11 - 6/30/12	\$0.1380
7/1/12 - 6/30/13	\$0.1440
Test Administration Manuals	
WAM/WA Test Administration Manual (include electronic version)	Cost per Manual
9/17/08 - 6/30/09	\$1.0200

7/1/09 - 6/30/10	\$1.0680
7/1/10 - 6/30/11	\$1.1032
7/1/11 - 6/30/12	\$1.1474
7/1/12 - 6/30/13	\$1.1933
PA Test Administration Manual (include electronic version)	Cost per Manual
9/17/08 - 6/30/09	\$3.0000
7/1/09 - 6/30/10	\$3.1200
7/1/10 - 6/30/11	\$3.2448
7/1/11 - 6/30/12	\$3.3746
7/1/12 - 6/30/13	\$3.5096
CRA Test Administration Manual (include electronic version)	Cost per Manual
7/1/09 - 6/30/10 Form A	\$0.0750
7/1/10 - 6/30/11 Form B	\$0.0780
7/1/11 - 6/30/12 Form C	\$0.0811
7/1/12 - 6/30/13 Form D	\$0.0843
Teacher Header	All Assessments Per Header
9/17/08 - 6/30/09	\$0.1148
7/1/09 - 6/30/10	\$0.1194
7/1/10 - 6/30/11	\$0.1242
7/1/11 - 6/30/12	\$0.1292
7/1/12 - 6/30/13	\$0.1344
School Listing	All Assessments Per Listing
9/17/08 - 6/30/09	\$0.1107

7/1/09 - 6/30/10	\$0.1167
7/1/10 - 6/30/11	\$0.1227
7/1/11 - 6/30/12	\$0.1287
7/1/12 - 6/30/13	\$0.1347
Bar Code Label	All Assessments Per Label
9/17/08 - 6/30/09	\$0.0220
7/1/09 - 6/30/10	\$0.0226
7/1/10 - 6/30/11	\$0.0235
7/1/11 - 6/30/12	\$0.0244
7/1/12 - 6/30/13	\$0.0254
Guide to Test Interpretation GTI	
WA/MWA (comprehensive electronic version)	Total Cost
9/17/08 - 6/30/09	\$3,234.00
7/1/09 - 6/30/10	\$3,363.00
7/1/10 - 6/30/11	\$3,498.00
7/1/11 - 6/30/12	\$3,638.00
7/1/12 - 6/30/13	\$3,783.00
WA/MWA (Parent Brochure)	Per Brochure
9/17/08 - 6/30/09	\$0.0516
7/1/09 - 6/30/10	\$0.0540
7/1/10 - 6/30/11	\$0.0576
7/1/11 - 6/30/12	\$0.0612
7/1/12 - 6/30/13	\$0.0648

PA (comprehensive electronic version)	Total Cost
9/17/08 - 6/30/09	\$3,234.00
7/1/09 - 6/30/10	\$3,363.00
7/1/10 - 6/30/11	\$3,498.00
7/1/11 - 6/30/12	\$3,638.00
7/1/12 - 6/30/13	\$3,783.00
PA (Parent Brochure)	Per Brochure
9/17/08 - 6/30/09	\$0.1200
7/1/09 - 6/30/10	\$0.1260
7/1/10 - 6/30/11	\$0.1320
7/1/11 - 6/30/12	\$0.1380
7/1/12 - 6/30/13	\$0.1440
CRA (comprehensive electronic version)	Total Cost
7/1/09 - 6/30/10 Form A	\$3,363.00
7/1/10 - 6/30/11 Form B	\$3,498.00
7/1/11 - 6/30/12 Form C	\$3,638.00
7/1/12 - 6/30/13 Form D	\$3,783.00
CRA (Parent Brochure)	Per Brochure
7/1/09 - 6/30/10 Form A	\$0.0588
7/1/10 - 6/30/11 Form B	\$0.0612
7/1/11 - 6/30/12 Form C	\$0.0636
7/1/12 - 6/30/13 Form D	\$0.0660
Assessment Materials A.11.e	

WA/MWA Prompt Sheets	Per Test
9/17/08 - 6/30/09	\$0.0360
7/1/09 - 6/30/10	\$0.0412
7/1/10 - 6/30/11	\$0.0428
7/1/11 - 6/30/12	\$0.0444
7/1/12 - 6/30/13	\$0.0468
WA/MWA Large Print Prompt	Per Test
9/17/08 - 6/30/09	\$0.3000
7/1/09 - 6/30/10	\$0.3120
7/1/10 - 6/30/11	\$0.3240
7/1/11 - 6/30/12	\$0.3360
7/1/12 - 6/30/13	\$0.3480
WA/MWA Braille Prompt	Per Test
9/17/08 - 6/30/09	\$5.24
7/1/09 - 6/30/10	\$5.45
7/1/10 - 6/30/11	\$5.67
7/1/11 - 6/30/12	\$5.89
7/1/12 - 6/30/13	\$6.13
CRA Test Booklet	Per Test
7/1/09 - 6/30/10 Form A	\$0.9120
7/1/10 - 6/30/11 Form B	\$0.9485
7/1/11 - 6/30/12 Form C	\$0.9864
7/1/12 - 6/30/13 Form D	\$1.0290
CRA Large Print Test Booklet	Per Test

7/1/09 - 6/30/10 Form A	\$3.00
7/1/10 - 6/30/11 Form B	\$3.06
7/1/11 - 6/30/12 Form C	\$3.12
7/1/12 - 6/30/13 Form D	\$3.18
CRA Braille Test Booklet	Per Test
7/1/09 - 6/30/10 Form A	\$68.12
7/1/10 - 6/30/11 Form B	\$70.84
7/1/11 - 6/30/12 Form C	\$73.68
7/1/12 - 6/30/13 Form D	\$76.63
Computer Version	
WAM/WA (setup, inc dev)	Per grade level
9/17/08 - 6/30/09	\$178,440.00
7/1/09 - 6/30/10	\$180,752.00
7/1/10 - 6/30/11	\$183,175.00
7/1/11 - 6/30/12	\$185,670.00
7/1/12 - 6/30/13	\$188,240.00
WAM/WA	Per Test
9/17/08 - 6/30/09	\$2.33
7/1/09 - 6/30/10	\$2.42
7/1/10 - 6/30/11	\$2.52
7/1/11 - 6/30/12	\$2.62
7/1/12 - 6/30/13	\$2.73
PA (setup, inc dev)	Per grade cluster
9/17/08 - 6/30/09	\$189,625.00
7/1/09 - 6/30/10	\$192,313.00

7/1/10 - 6/30/11	\$195,082.00
7/1/11 - 6/30/12	\$197,935.00
7/1/12 - 6/30/13	\$200,873.00
PA	Per Test
9/17/08 - 6/30/09	\$4.26
7/1/09 - 6/30/10	\$4.38
7/1/10 - 6/30/11	\$4.52
7/1/11 - 6/30/12	\$4.66
7/1/12 - 6/30/13	\$4.79
CRA (setup, inc dev)	Per grade level
7/1/09 - 6/30/10 Form A	\$256,822.00
7/1/10 - 6/30/11 Form B	\$261,527.00
7/1/11 - 6/30/12 Form C	\$266,372.00
7/1/12 - 6/30/13 Form D	\$276,355.00
TCAP/CRA	Per Test
7/1/09 - 6/30/10 Form A	\$4.60
7/1/10 - 6/30/11 Form B	\$4.78
7/1/11 - 6/30/12 Form C	\$4.97
7/1/12 - 6/30/13 Form D	\$5.17
Response Documents	
WA/MWA	Per Document
9/17/08 - 6/30/09	\$0.1141
7/1/09 - 6/30/10	\$0.1186
7/1/10 - 6/30/11	\$0.1233
7/1/11 - 6/30/12	\$0.1282

7/1/12 - 6/30/13	\$0.1334
Student Demographic Accountability Document	Per Document
9/17/08 - 6/30/09	\$0.1105
7/1/09 - 6/30/10	\$0.1149
7/1/10 - 6/30/11	\$0.1195
7/1/11 - 6/30/12	\$0.1243
7/1/12 - 6/30/13	\$0.1293
Portfolio Binder Package	Per Binder
9/17/08 - 6/30/09	\$4.9200
7/1/09 - 6/30/10	\$5.1170
7/1/10 - 6/30/11	\$5.3200
7/1/11 - 6/30/12	\$5.5300
7/1/12 - 6/30/13	\$5.7600
A.12 Distribution Requirements	
Contractor Packaging & Distribution to LEAs A.12.b	
WA/MWA	Per System
9/17/08 - 6/30/09	\$284.00
7/1/09 - 6/30/10	\$295.00
7/1/10 - 6/30/11	\$307.00
7/1/11 - 6/30/12	\$319.00
7/1/12 - 6/30/13	\$332.00
CRA	Per System
7/1/09 - 6/30/10 Form A	\$269.00

7/1/10 - 6/30/11 Form B	\$280.00
7/1/11 - 6/30/12 Form C	\$291.00
7/1/12 - 6/30/13 Form D	\$303.00
PA	Per System
9/17/08 - 6/30/09	\$222.00
7/1/09 - 6/30/10	\$231.00
7/1/10 - 6/30/11	\$240.00
7/1/11 - 6/30/12	\$250.00
7/1/12 - 6/30/13	\$260.00
Contractor Packaging & Distribution to State Warehouse A.12.c	
WA/MWA	Total Cost
9/17/08 - 6/30/09	\$73,145.00
7/1/09 - 6/30/10	\$76,071.00
7/1/10 - 6/30/11	\$79,114.00
7/1/11 - 6/30/12	\$82,278.00
7/1/12 - 6/30/13	\$85,569.00
CRA	Total Cost
7/1/09 - 6/30/10 Form A	\$70,694.00
7/1/10 - 6/30/11 Form B	\$73,522.00
7/1/11 - 6/30/12 Form C	\$76,493.00
7/1/12 - 6/30/13 Form D	\$79,521.00
PA	Total Cost
9/17/08 - 6/30/09	\$41,036.00

7/1/09 - 6/30/10	\$42,677.00
7/1/10 - 6/30/11	\$44,385.00
7/1/11 - 6/30/12	\$46,160.00
7/1/12 - 6/30/13	\$48,006.00
A.13 Data Management	
Custom programming	Cost per hour
9/17/08 - 6/30/09	\$73.01
7/1/09 - 6/30/10	\$75.18
7/1/10 - 6/30/11	\$77.35
7/1/11 - 6/30/12	\$79.52
7/1/12 - 6/30/13	\$81.69
Website Hosting A.13.b-c	Cost per application/month
9/17/08 - 6/30/09	\$12,461.00
7/1/09 - 6/30/10	\$7,786.00
7/1/10 - 6/30/11	\$8,050.00
7/1/11 - 6/30/12	\$8,321.00
7/1/12 - 6/30/13	\$8,601.00
Pre-coding/Bar code labels A.13.b	
WA/MWA Pre-Coding Setup (includes website setup & customization, support documentation and training)	Per Year
9/17/08 - 6/30/09	\$10,143.00
WA/MWA Pre-coding Support & maintenance (includes data uploads, pre-coding and reviews)	Per month
9/17/08 - 6/30/09	\$5,834.00

7/1/09 - 6/30/10	\$6,009.00
7/1/10 - 6/30/11	\$6,188.00
7/1/11 - 6/30/12	\$6,373.00
7/1/12 - 6/30/13	\$6,563.00
WA/MWA Pre-code response documents	Per document
9/17/08 - 6/30/09	\$0.0550
7/1/09 - 6/30/10	\$0.0570
7/1/10 - 6/30/11	\$0.0590
7/1/11 - 6/30/12	\$0.0620
7/1/12 - 6/30/13	\$0.0640
WA/MWA Bar-code labels	Per label
9/17/08 - 6/30/09	\$0.0210
7/1/09 - 6/30/10	\$0.0220
7/1/10 - 6/30/11	\$0.0230
7/1/11 - 6/30/12	\$0.0240
7/1/12 - 6/30/13	\$0.0250
CRA Pre-Coding Setup (includes website setup & customization, support documentation and training)	Per Year
7/1/09 - 6/30/10	\$8,129.00
CRA Pre-coding Support & maintenance (includes data uploads, pre-coding and reviews)	Per month
7/1/09 - 6/30/10 Form A	\$6,009.00
7/1/10 - 6/30/11 Form B	\$6,188.00
7/1/11 - 6/30/12 Form C	\$6,373.00

7/1/12 - 6/30/13 Form D	\$6,563.00
CRA Pre-code response documents	Per document
7/1/09 - 6/30/10 Form A	\$0.0570
7/1/10 - 6/30/11 Form B	\$0.0590
7/1/11 - 6/30/12 Form C	\$0.0620
7/1/12 - 6/30/13 Form D	\$0.0640
CRA Bar-code labels	Per label
7/1/09 - 6/30/10 Form A	\$0.0220
7/1/10 - 6/30/11 Form B	\$0.0230
7/1/11 - 6/30/12 Form C	\$0.0240
7/1/12 - 6/30/13 Form D	\$0.0250
Student Demographic Data Verification A.13.c	
WA/MWA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)	Per Year
9/17/08 - 6/30/09	\$10,862.00
WA/MWA Student Demographic Data Verification Support & maintenance	Per month
9/17/08 - 6/30/09	\$5,054.00
7/1/09 - 6/30/10	\$5,205.00
7/1/10 - 6/30/11	\$5,356.00
7/1/11 - 6/30/12	\$5,508.00
7/1/12 - 6/30/13	\$5,659.00

CRA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)	Per Year
7/1/09 - 6/30/10	\$10,862.00
CRA Student Demographic Data Verification Support & maintenance	Per month
7/1/09 - 6/30/10 Form A	\$5,205.00
7/1/10 - 6/30/11 Form B	\$5,356.00
7/1/11 - 6/30/12 Form C	\$5,508.00
7/1/12 - 6/30/13 Form D	\$5,659.00
PA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)	Per Year
9/17/08 - 6/30/09	\$10,862.00
PA Student Demographic Data Verification Support & maintenance	Per month
9/17/08 - 6/30/09	\$2,527.00
7/1/09 - 6/30/10	\$2,603.00
7/1/10 - 6/30/11	\$2,678.00
7/1/11 - 6/30/12	\$2,754.00
7/1/12 - 6/30/13	\$2,829.00
A.14 Scoring Activities and A.15 Processing Activities	
Range Finding A.14.a	
WA Range Finding	Per Meeting
9/17/08 - 6/30/09	\$19,218.00

7/1/09 - 6/30/10	\$19,986.00
7/1/10 - 6/30/11	\$20,786.00
7/1/11 - 6/30/12	\$21,617.00
7/1/12 - 6/30/13	\$22,482.00
MWA Range Finding	Per Meeting
9/17/08 - 6/30/09	\$5,010.00
7/1/09 - 6/30/10	\$5,210.00
7/1/10 - 6/30/11	\$5,419.00
7/1/11 - 6/30/12	\$5,636.00
7/1/12 - 6/30/13	\$5,861.00
WAMWA Pilot Range Finding	Per Meeting
9/17/08 - 6/30/09	\$0.00
7/1/09 - 6/30/10	\$37,432.00
7/1/10 - 6/30/11	\$0.00
7/1/11 - 6/30/12	\$40,486.00
7/1/12 - 6/30/13	\$0.00
CRA Range Finding	Per Meeting
7/1/09 - 6/30/10 Form A	\$32,400.00
7/1/10 - 6/30/11 Form B	\$33,696.00
7/1/11 - 6/30/12 Form C	\$35,044.00
7/1/12 - 6/30/13 Form D	\$36,446.00
PA Range Finding (includes Advisory Committee)	Per Meeting
9/17/08 - 6/30/09	\$25,050.00

7/1/09 - 6/30/10	\$25,801.00
7/1/10 - 6/30/11	\$26,576.00
7/1/11 - 6/30/12	\$27,373.00
7/1/12 - 6/30/13	\$28,194.00
Room Leader and Reader Training A.14.c	
WA Room Leader and Reader Training	Per Meeting
9/17/08 - 6/30/09	\$39,196.00
7/1/09 - 6/30/10	\$40,763.00
7/1/10 - 6/30/11	\$42,394.00
7/1/11 - 6/30/12	\$44,089.00
7/1/12 - 6/30/13	\$45,853.00
MWA Room Leader and Reader Training	Per Meeting
9/17/08 - 6/30/09	\$27,559.00
7/1/09 - 6/30/10	\$27,386.00
7/1/10 - 6/30/11	\$29,237.00
7/1/11 - 6/30/12	\$30,115.00
7/1/12 - 6/30/13	\$31,015.00
WA/MWA Pilot Room Leader and Reader Training	Per Meeting
9/17/08 - 6/30/09	\$0.00
7/1/09 - 6/30/10	\$32,196.00
7/1/10 - 6/30/11	\$0.00
7/1/11 - 6/30/12	\$34,823.00
7/1/12 - 6/30/13	\$0.00
CRA Room Leader and Reader Training	Per Meeting

7/1/09 - 6/30/10 Form A	\$104,270.00
7/1/10 - 6/30/11 Form B	\$108,441.00
7/1/11 - 6/30/12 Form C	\$112,779.00
7/1/12 - 6/30/13 Form D	\$117,290.00
PA Room Leader and Reader Training	Per Meeting
9/17/08 - 6/30/09	\$54,871.00
7/1/09 - 6/30/10	\$56,517.00
7/1/10 - 6/30/11	\$58,213.00
7/1/11 - 6/30/12	\$59,959.00
7/1/12 - 6/30/13	\$61,757.00
Assessment Scoring A.14.e	
WA/MWA scoring w/ 2 hand scorers	Per Test
9/17/08 - 6/30/09	\$2.98
7/1/09 - 6/30/10	\$3.10
7/1/10 - 6/30/11	\$3.22
7/1/11 - 6/30/12	\$3.35
7/1/12 - 6/30/13	\$3.49
WA/MWA scoring w/ hand scorers & AI	Per Test
9/17/08 - 6/30/09	\$3.81
7/1/09 - 6/30/10	\$3.96
7/1/10 - 6/30/11	\$4.12
7/1/11 - 6/30/12	\$4.29
7/1/12 - 6/30/13	\$4.46
WA/MWA scoring w/ AI	Per Test

9/17/08 - 6/30/09	\$3.51
7/1/09 - 6/30/10	\$3.65
7/1/10 - 6/30/11	\$3.80
7/1/11 - 6/30/12	\$3.95
7/1/12 - 6/30/13	\$4.10
WA/MWA Pilot scoring w/ 2 hand scorers	Per Test
7/1/09 - 6/30/10	\$6.31
7/1/11 - 6/30/12	\$6.82
WA/MWA Pilot scoring w/ hand scorers & AI	Per Test
7/1/09 - 6/30/10	\$6.61
7/1/11 - 6/30/12	\$7.15
CRA Scoring w/ 2 hand scoreres	Per Test
7/1/09 - 6/30/10 Form A	\$11.16
7/1/10 - 6/30/11 Form B	\$11.60
7/1/11 - 6/30/12 Form C	\$12.07
7/1/12 - 6/30/13 Form D	\$12.55
CRA Scoring w/ hand scoreres & AI	Per Test
7/1/09 - 6/30/10 Form A	\$13.26
7/1/10 - 6/30/11 Form B	\$13.74
7/1/11 - 6/30/12 Form C	\$14.34
7/1/12 - 6/30/13 Form D	\$14.91
CRA Scoring w/ AI	Per Test
7/1/09 - 6/30/10 Form A	\$12.25

7/1/10 - 6/30/11 Form B	\$12.74
7/1/11 - 6/30/12 Form C	\$13.24
7/1/12 - 6/30/13 Form D	\$13.78
PA scoring w/ 2 hand scorers	Per Test
9/17/08 - 6/30/09	\$47.28
7/1/09 - 6/30/10	\$49.17
7/1/10 - 6/30/11	\$51.14
7/1/11 - 6/30/12	\$53.18
7/1/12 - 6/30/13	\$55.31
PA scoring w/ hand scorers & AI	Per Test
9/17/08 - 6/30/09	\$64.77
7/1/09 - 6/30/10	\$67.36
7/1/10 - 6/30/11	\$70.05
7/1/11 - 6/30/12	\$72.85
7/1/12 - 6/30/13	\$75.77
PA scoring w/ AI	Per Test
9/17/08 - 6/30/09	\$57.28
7/1/09 - 6/30/10	\$59.57
7/1/10 - 6/30/11	\$61.95
7/1/11 - 6/30/12	\$64.43
7/1/12 - 6/30/13	\$67.01
Scan Student Demographic Accountability Documents A.15.d	Per Document
9/17/08 - 6/30/09	\$0.2514
7/1/09 - 6/30/10	\$0.2615

7/1/10 - 6/30/11	\$0.2719
7/1/11 - 6/30/12	\$0.2828
7/1/12 - 6/30/13	\$0.2941
A.16. Reporting Activities	
Online Reporting A.16.f	
WA/MWA Online Reporting Setup (includes report customization)	Per Year
9/17/08 - 6/30/09	\$35,463.00
WA/MWA Online Reporting Support and Maintenance (includes training)	Per Year
9/17/08 - 6/30/09	\$10,088.00
7/1/09 - 6/30/10	\$10,391.00
7/1/10 - 6/30/11	\$10,693.00
7/1/11 - 6/30/12	\$10,996.00
7/1/12 - 6/30/13	\$11,298.00
CRA Online Reporting Setup (includes report customization)	Per Year
7/1/09 - 6/30/10	\$25,199.00
CRA Online Reporting Support and Maintenance (includes training)	Per Year
7/1/09 - 6/30/10 Form A	\$6,052.00
7/1/10 - 6/30/11 Form B	\$6,233.00
7/1/11 - 6/30/12 Form C	\$6,413.00
7/1/12 - 6/30/13 Form D	\$6,594.00
PA Online Reporting Setup (includes report customization)	Per Year
9/17/08 - 6/30/09	\$17,265.00

PA Online Reporting Support and Maintenance (includes training)	Per Year
9/17/08 - 6/30/09	\$4,035.00
7/1/09 - 6/30/10	\$4,155.00
7/1/10 - 6/30/11	\$4,276.00
7/1/11 - 6/30/12	\$4,396.00
7/1/12 - 6/30/13	\$4,516.00
Online Reporting CDs A.16.k	
WA/MWA Online Reporting CDs	Per School/System
9/17/08 - 6/30/09	\$7.0500
7/1/09 - 6/30/10	\$7.3300
7/1/10 - 6/30/11	\$7.6300
7/1/11 - 6/30/12	\$7.9300
7/1/12 - 6/30/13	\$8.2500
CRA Online Reporting CDs	Per School/System
7/1/09 - 6/30/10 Form A	\$7.3300
7/1/10 - 6/30/11 Form B	\$7.6300
7/1/11 - 6/30/12 Form C	\$7.9300
7/1/12 - 6/30/13 Form D	\$8.2500
PA Online Reporting CDs	Per School/System
9/17/08 - 6/30/09	\$7.0500
7/1/09 - 6/30/10	\$7.3300
7/1/10 - 6/30/11	\$7.6300
7/1/11 - 6/30/12	\$7.9300

7/1/12 - 6/30/13	\$8.2500
Paper Reports / Labels A.16.k	
WA/MWA Student Reports	Per Student
9/17/08 - 6/30/09	\$0.1040
7/1/09 - 6/30/10	\$0.1080
7/1/10 - 6/30/11	\$0.1120
7/1/11 - 6/30/12	\$0.1170
7/1/12 - 6/30/13	\$0.1220
CRA Student Reports	Per Student
7/1/09 - 6/30/10 Form A	\$0.1080
7/1/10 - 6/30/11 Form B	\$0.1120
7/1/11 - 6/30/12 Form C	\$0.1170
7/1/12 - 6/30/13 Form D	\$0.1220
PA Student Reports	Per Student
9/17/08 - 6/30/09	\$0.1410
7/1/09 - 6/30/10	\$0.1470
7/1/10 - 6/30/11	\$0.1520
7/1/11 - 6/30/12	\$0.1580
7/1/12 - 6/30/13	\$0.1640
WA/MWA Student Labels	Per Student
9/17/08 - 6/30/09	\$0.0520
7/1/09 - 6/30/10	\$0.0540
7/1/10 - 6/30/11	\$0.0560
7/1/11 - 6/30/12	\$0.0580

7/1/12 - 6/30/13	\$0.0610
CRA Student Labels	Per Student
7/1/09 - 6/30/10 Form A	\$0.0540
7/1/10 - 6/30/11 Form B	\$0.0560
7/1/11 - 6/30/12 Form C	\$0.0580
7/1/12 - 6/30/13 Form D	\$0.0610
PA Student Labels	Per Student
9/17/08 - 6/30/09	\$0.0720
7/1/09 - 6/30/10	\$0.0750
7/1/10 - 6/30/11	\$0.0780
7/1/11 - 6/30/12	\$0.0810
7/1/12 - 6/30/13	\$0.0840
Comprehensive Data Files (CDF) A.16.h.iii	
WA/MWA System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)	Per System
9/17/08 - 6/30/09	\$20.3600
7/1/09 - 6/30/10	\$21.1700
7/1/10 - 6/30/11	\$22.0210
7/1/11 - 6/30/12	\$22.9022
7/1/12 - 6/30/13	\$23.8183
CRA System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)	Per System

7/1/09 - 6/30/10 Form A	\$20.3600
7/1/10 - 6/30/11 Form B	\$21.1700
7/1/11 - 6/30/12 Form C	\$22.0210
7/1/12 - 6/30/13 Form D	\$22.9022
PA System Comprehensive Data File (includes all aggregated demographic data w/out student response information for each school)	Per System
9/17/08 - 6/30/09	\$20.3600
7/1/09 - 6/30/10	\$21.1700
7/1/10 - 6/30/11	\$22.0210
7/1/11 - 6/30/12	\$22.9022
7/1/12 - 6/30/13	\$23.8183
WA/MWA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)	Per Year
9/17/08 - 6/30/09	\$602.80
7/1/09 - 6/30/10	\$626.91
7/1/10 - 6/30/11	\$651.99
7/1/11 - 6/30/12	\$678.07
7/1/12 - 6/30/13	\$705.19
CRA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)	Per Year
7/1/09 - 6/30/10 Form A	\$602.80
7/1/10 - 6/30/11 Form B	\$626.91

7/1/11 - 6/30/12 Form C	\$651.99
7/1/12 - 6/30/13 Form D	\$678.07
PA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)	Per Year
9/17/08 - 6/30/09	\$602.80
7/1/09 - 6/30/10	\$626.91
7/1/10 - 6/30/11	\$651.99
7/1/11 - 6/30/12	\$678.07
7/1/12 - 6/30/13	\$705.19
A.17. Operations Management	
Technical Support Services A.17.f	
WA/MWA Technical Support Services	Per Application Per Month
9/17/08 - 6/30/09	\$3,174.00
7/1/09 - 6/30/10	\$3,269.00
7/1/10 - 6/30/11	\$3,367.00
7/1/11 - 6/30/12	\$3,468.00
7/1/12 - 6/30/13	\$3,572.00
CRA Technical Support Services	Per Application Per Month
7/1/09 - 6/30/10 Form A	\$3,269.00
7/1/10 - 6/30/11 Form B	\$3,367.00
7/1/11 - 6/30/12 Form C	\$3,468.00
7/1/12 - 6/30/13 Form D	\$3,572.00
PA Technical Support Services	Per Application Per Month

9/17/08 - 6/30/09	\$3,174.00
7/1/09 - 6/30/10	\$3,269.00
7/1/10 - 6/30/11	\$3,367.00
7/1/11 - 6/30/12	\$3,468.00
7/1/12 - 6/30/13	\$3,572.00

c. The Contractor shall not be compensated for travel time to the primary location of service provision.

C.4. Travel Compensation. The Contractor shall not be compensated or reimbursed for travel, meals, or lodging.

C.5. Invoice Requirements. The Contractor shall invoice the State only for completed increments of service and for the amount stipulated in Section C.3, above, and as required below prior to any payment.

a. The Contractor shall submit invoices no more often than monthly, with all necessary supporting documentation, to:

Deborah Malone
 Department of Education
 Assessment, Evaluation and Research
 1252 Foster Ave.
 TPS Campus, Hardison Building
 Nashville, TN 37243

b. The Contractor agrees that each invoice submitted shall clearly and accurately (all calculations must be extended and totaled correctly) detail the following required information.

- (1) Invoice/Reference Number (assigned by the Contractor);
- (2) Invoice Date;
- (3) Invoice Period (period to which all invoiced charges are applicable);
- (4) Contract Number (assigned by the State to this Contract);
- (5) Account Name: Department of Education, Assessment, Evaluation & Research;
- (6) Account/Customer Number (uniquely assigned by the Contractor to the above-referenced Account Name);
- (7) Contractor Name;
- (8) Contractor Federal Employer Identification Number or Social Security Number (as referenced in this Contract);
- (9) Contractor Contact (name, phone, and/or fax for the individual to contact with billing questions);
- (10) Contractor Remittance Address;
- (11) Complete Itemization of Charges, which shall detail the following:
 - i. Service or Milestone Description (including name /title as applicable) of each service invoiced;
 - ii. Number of Completed Units, Increments, Hours, or Days as applicable, of each service invoiced;
 - iii. Applicable Payment Rate (as stipulated in Section C.3.) of each service invoiced;
 - iv. Amount Due by Service; and

- v. Total Amount Due for the invoice period.
- c. The Contractor understands and agrees that an invoice to the State under this Contract shall:
 - (1) include only charges for service described in Contract Section A and in accordance with payment terms and conditions set forth in Contract Section C;
 - (2) not include any future work but will only be submitted for completed service; and
 - (3) not include sales tax or shipping charges.
 - d. The Contractor agrees that timeframe for payment (and any discounts) begins when the State is in receipt of each invoice meeting the minimum requirements above.
 - e. The Contractor shall complete and sign a "Substitute W-9 Form" provided to the Contractor by the State. The taxpayer identification number contained in the Substitute W-9 submitted to the State shall agree to the Federal Employer Identification Number or Social Security Number referenced in this Contract for the Contractor. The Contractor shall not invoice the State for services until the State has received this completed form.
- C.6. Payment of Invoice. The payment of the invoice by the State shall not prejudice the State's right to object to or question any invoice or matter in relation thereto. Such payment by the State shall neither be construed as acceptance of any part of the work or service provided nor as an approval of any of the amounts invoiced therein.
- C.7. Invoice Reductions. The Contractor's invoice shall be subject to reduction for amounts included in any invoice or payment theretofore made which are determined by the State, on the basis of audits conducted in accordance with the terms of this Contract, not to constitute proper remuneration for compensable services.
- C.8. Deductions. The State reserves the right to deduct from amounts which are or shall become due and payable to the Contractor under this or any Contract between the Contractor and the State of Tennessee any amounts which are or shall become due and payable to the State of Tennessee by the Contractor.
- C.9. Automatic Deposits. The Contractor shall complete and sign an "Authorization Agreement for Automatic Deposit (ACH Credits) Form." This form shall be provided to the Contractor by the State. Once this form has been completed and submitted to the State by the Contractor all payments to the Contractor, under this or any other Contract the Contractor has with the State of Tennessee shall be made by Automated Clearing House (ACH). The Contractor shall not invoice the State for services until the Contractor has completed this form and submitted it to the State.
- D. STANDARD TERMS AND CONDITIONS:**
- D.1. Required Approvals. The State is not bound by this Contract until it is approved by the appropriate State officials in accordance with applicable Tennessee State laws and regulations.
- D.2. Modification and Amendment. This Contract may be modified only by a written amendment executed by all parties hereto and approved by the appropriate Tennessee State officials in accordance with applicable Tennessee State laws and regulations.
- D.3. Termination for Convenience. The State may terminate this Contract without cause for any reason. Said termination shall not be deemed a Breach of Contract by the State. The State shall give the Contractor at least Sixty (60) days written notice before the effective termination date. The Contractor shall be entitled to receive compensation for satisfactory, authorized service completed as of the termination date, but in no event shall the State be liable to the Contractor for compensation for any service which has not been rendered. Upon such termination, the Contractor shall have no right to any actual general, special, incidental, consequential, or any other damages whatsoever of any description or amount.
- D.4. Termination for Cause. If the Contractor fails to properly perform its obligations under this Contract in a timely or proper manner, or if the Contractor violates any terms of this Contract, the

State shall have the right to immediately terminate the Contract and withhold payments in excess of fair compensation for completed services. Notwithstanding the above, the Contractor shall not be relieved of liability to the State for damages sustained by virtue of any breach of this Contract by the Contractor.

- D.5. Subcontracting. The Contractor shall not assign this Contract or enter into a subcontract for any of the services performed under this Contract without obtaining the prior written approval of the State. If such subcontracts are approved by the State, they shall contain, at a minimum, sections of this Contract below pertaining to "Conflicts of Interest," "Nondiscrimination," and "Records" (as identified by the section headings). Notwithstanding any use of approved subcontractors, the Contractor shall be the prime contractor and shall be responsible for all work performed.
- D.6. Conflicts of Interest. The Contractor warrants that no part of the total Contract Amount shall be paid directly or indirectly to an employee or official of the State of Tennessee as wages, compensation, or gifts in exchange for acting as an officer, agent, employee, subcontractor, or consultant to the Contractor in connection with any work contemplated or performed relative to this Contract.
- D.7. Nondiscrimination. The Contractor hereby agrees, warrants, and assures that no person shall be excluded from participation in, be denied benefits of, or be otherwise subjected to discrimination in the performance of this Contract or in the employment practices of the Contractor on the grounds of disability, age, race, color, religion, sex, national origin, or any other classification protected by Federal, Tennessee State constitutional, or statutory law. The Contractor shall, upon request, show proof of such nondiscrimination and shall post in conspicuous places, available to all employees and applicants, notices of nondiscrimination.
- D.8. Prohibition of Illegal Immigrants. The requirements of Public Acts of 2006, Chapter Number 878, of the state of Tennessee, addressing the use of illegal immigrants in the performance of any Contract to supply goods or services to the state of Tennessee, shall be a material provision of this Contract, a breach of which shall be grounds for monetary and other penalties, up to and including termination of this Contract.
- a. The Contractor hereby attests, certifies, warrants, and assures that the Contractor shall not knowingly utilize the services of an illegal immigrant in the performance of this Contract and shall not knowingly utilize the services of any subcontractor who will utilize the services of an illegal immigrant in the performance of this Contract. The Contractor shall reaffirm this attestation, in writing, by submitting to the State a completed and signed copy of the document at Attachment A, hereto, semi-annually during the period of this Contract. Such attestations shall be maintained by the Contractor and made available to state officials upon request.
 - b. Prior to the use of any subcontractor in the performance of this Contract, and semi-annually thereafter, during the period of this Contract, the Contractor shall obtain and retain a current, written attestation that the subcontractor shall not knowingly utilize the services of an illegal immigrant to perform work relative to this Contract and shall not knowingly utilize the services of any subcontractor who will utilize the services of an illegal immigrant to perform work relative to this Contract. Attestations obtained from such subcontractors shall be maintained by the Contractor and made available to state officials upon request.
 - c. The Contractor shall maintain records for all personnel used in the performance of this Contract. Said records shall be subject to review and random inspection at any reasonable time upon reasonable notice by the State.
 - d. The Contractor understands and agrees that failure to comply with this section will be subject to the sanctions of Public Chapter 878 of 2006 for acts or omissions occurring after its effective date. This law requires the Commissioner of Finance and Administration to prohibit a contractor from contracting with, or submitting an offer, proposal, or bid to contract with the State of Tennessee to supply goods or services for a period of one year

after a contractor is discovered to have knowingly used the services of illegal immigrants during the performance of this Contract.

- e. For purposes of this Contract, "illegal immigrant" shall be defined as any person who is not either a United States citizen, a Lawful Permanent Resident, or a person whose physical presence in the United States is authorized or allowed by the federal Department of Homeland Security and who, under federal immigration laws and/or regulations, is authorized to be employed in the U.S. or is otherwise authorized to provide services under the Contract.
- D.9. Records. The Contractor shall maintain documentation for all charges under this Contract. The books, records, and documents of the Contractor, insofar as they relate to work performed or money received under this Contract, shall be maintained for a period of three (3) full years from the date of the final payment and shall be subject to audit at any reasonable time and upon reasonable notice by the State, the Comptroller of the Treasury, or their duly appointed representatives. The financial statements shall be prepared in accordance with generally accepted accounting principles.
- D.10. Monitoring. The Contractor's activities conducted and records maintained pursuant to this Contract shall be subject to monitoring and evaluation by the State, the Comptroller of the Treasury, or their duly appointed representatives.
- D.11. Progress Reports. The Contractor shall submit brief, periodic, progress reports to the State as requested.
- D.12. Strict Performance. Failure by any party to this Contract to insist in any one or more cases upon the strict performance of any of the terms, covenants, conditions, or provisions of this Contract shall not be construed as a waiver or relinquishment of any such term, covenant, condition, or provision. No term or condition of this Contract shall be held to be waived, modified, or deleted except by a written amendment signed by the parties hereto.
- D.13. Independent Contractor. The parties hereto, in the performance of this Contract, shall not act as employees, partners, joint venturers, or associates of one another. It is expressly acknowledged by the parties hereto that such parties are independent contracting entities and that nothing in this Contract shall be construed to create an employer/employee relationship or to allow either to exercise control or direction over the manner or method by which the other transacts its business affairs or provides its usual services. The employees or agents of one party shall not be deemed or construed to be the employees or agents of the other party for any purpose whatsoever.
- The Contractor, being an independent contractor and not an employee of the State, agrees to carry adequate public liability and other appropriate forms of insurance, including adequate public liability and other appropriate forms of insurance on the Contractor's employees, and to pay all applicable taxes incident to this Contract.
- D.14. State Liability. The State shall have no liability except as specifically provided in this Contract.
- D.15. Force Majeure. The obligations of the parties to this Contract are subject to prevention by causes beyond the parties' control that could not be avoided by the exercise of due care including, but not limited to, acts of God, natural disasters, riots, wars, epidemics or any other similar cause.
- D.16. State and Federal Compliance. The Contractor shall comply with all applicable State and Federal laws and regulations in the performance of this Contract.
- D.17. Governing Law. This Contract shall be governed by and construed in accordance with the laws of the State of Tennessee. The Contractor agrees that it will be subject to the exclusive jurisdiction of the courts of the State of Tennessee in actions that may arise under this Contract. The Contractor acknowledges and agrees that any rights or claims against the State of Tennessee or its employees hereunder, and any remedies arising therefrom, shall be subject to and limited to those rights and remedies, if any, available under *Tennessee Code Annotated*, Sections 9-8-101 through 9-8-407.

- D.18. Completeness. This Contract is complete and contains the entire understanding between the parties relating to the subject matter contained herein, including all the terms and conditions of the parties' agreement. This Contract supersedes any and all prior understandings, representations, negotiations, and agreements between the parties relating hereto, whether written or oral.
- D.19. Severability. If any terms and conditions of this Contract are held to be invalid or unenforceable as a matter of law, the other terms and conditions hereof shall not be affected thereby and shall remain in full force and effect. To this end, the terms and conditions of this Contract are declared severable.
- D.20. Headings. Section headings of this Contract are for reference purposes only and shall not be construed as part of this Contract.

E. SPECIAL TERMS AND CONDITIONS:

- E.1. Conflicting Terms and Conditions. Should any of these special terms and conditions conflict with any other terms and conditions of this Contract, these special terms and conditions shall control.
- E.2. Communications and Contacts. All instructions, notices, consents, demands, or other communications required or contemplated by this Contract shall be in writing and shall be made by certified, first class mail, return receipt requested and postage prepaid, by overnight courier service with an asset tracking system, or by EMAIL or facsimile transmission with recipient confirmation. Any such communications, regardless of method of transmission, shall be addressed to the respective party at the appropriate mailing address, facsimile number, or EMAIL address as set forth below or to that of such other party or address, as may be hereafter specified by written notice.

The State:
 Dan Long, Executive Director
 DEPARTMENT OF EDUCATION
 Assessment, Evaluation and Research
 TPS Campus, Hardison Building
 1252 Foster Ave.
 Nashville, TN 37210
 Dan.Long@state.tn.us
 Telephone #: (615)741-0720
 Fax #: (615)532-7860

The Contractor:

Henry H. Scherich, PhD., President
 Measurement Incorporated
 423 Morris Street
 Durham, NC 27701
 hscherich@measinc.com
 Telephone # 919-683-2413, ext. 1135
 FAX # 919-425-7726

All instructions, notices, consents, demands, or other communications shall be considered effectively given upon receipt or recipient confirmation as may be required.

- E.3. Subject to Funds Availability. The Contract is subject to the appropriation and availability of State and/or Federal funds. In the event that the funds are not appropriated or are otherwise unavailable, the State reserves the right to terminate the Contract upon written notice to the Contractor. Said termination shall not be deemed a breach of Contract by the State. Upon receipt of the written notice, the Contractor shall cease all work associated with the Contract. Should such an event occur, the Contractor shall be entitled to compensation for all satisfactory and authorized services completed as of the termination date. Upon such termination, the

Contractor shall have no right to recover from the State any actual, general, special, incidental, consequential, or any other damages whatsoever of any description or amount.

- E.4. Tennessee Consolidated Retirement System. The Contractor acknowledges and understands that, subject to statutory exceptions contained in *Tennessee Code Annotated*, Section 8-36-801, *et. seq.*, the law governing the Tennessee Consolidated Retirement System (TCRS), provides that if a retired member of TCRS, or of any superseded system administered by TCRS, or of any local retirement fund established pursuant to *Tennessee Code Annotated*, Title 8, Chapter 35, Part 3 accepts state employment, the member's retirement allowance is suspended during the period of the employment. Accordingly and notwithstanding any provision of this Contract to the contrary, the Contractor agrees that if it is later determined that the true nature of the working relationship between the Contractor and the State under this Contract is that of "employee/employer" and not that of an independent contractor, the Contractor may be required to repay to TCRS the amount of retirement benefits the Contractor received from TCRS during the period of this Contract.
- E.5. Insurance. The Contractor shall carry adequate liability and other appropriate forms of insurance.
- a. The Contractor shall maintain, at minimum, the following insurance coverage:
- (1) Workers' Compensation/ Employers' Liability (including all states coverage) with a limit not less than the relevant statutory amount or one million five hundred thousand dollars (\$1,500,000) per occurrence for employers' liability whichever is greater.
 - (2) Comprehensive Commercial General Liability (including personal injury & property damage, premises/operations, independent contractor, contractual liability and completed operations/products) with a bodily injury/property damage combined single limit not less than one million dollars (\$1,000,000) per occurrence and two million dollars (\$2,000,000) aggregate.
 - (3) Automobile Coverage (including owned, leased, hired, and non-owned vehicles) with a bodily injury/property damage combined single limit not less than one million dollars (\$1,000,000) per occurrence.
 - (4) Professional Malpractice Liability with a limit of not less than one million five hundred thousand dollars (\$1,500,000) per claim and three million dollars (\$3,000,000) aggregate.
- b. At any time State may require the Contractor to provide a valid Certificate of Insurance detailing Coverage Description; Insurance Company & Policy Number; Exceptions and Exclusions; Policy Effective Date; Policy Expiration Date; Limit(s) of Liability; and Name and Address of Insured. Failure to provide required evidence of insurance coverage shall be a material breach of this Contract.
- E.6. Confidentiality of Records. Strict standards of confidentiality of records and information shall be maintained in accordance with applicable state and federal law. All material and information, regardless of form, medium or method of communication, provided to the Contractor by the State or acquired by the Contractor on behalf of the State shall be regarded as confidential information in accordance with the provisions of applicable state and federal law, state and federal rules and regulations, departmental policy, and ethical standards. Such confidential information shall not be disclosed, and all necessary steps shall be taken by the Contractor to safeguard the confidentiality of such material or information in conformance with applicable state and federal law, state and federal rules and regulations, departmental policy, and ethical standards.

The Contractor's obligations under this section do not apply to information in the public domain; entering the public domain but not from a breach by the Contractor of this Contract; previously possessed by the Contractor without written obligations to the State to protect it; acquired by the

Contractor without written restrictions against disclosure from a third party which, to the Contractor's knowledge, is free to disclose the information; independently developed by the Contractor without the use of the State's information; or, disclosed by the State to others without restrictions against disclosure. Nothing in this paragraph shall permit Contractor to disclose any information that is confidential under federal or state law or regulations, regardless of whether it has been disclosed or made available to the Contractor due to intentional or negligent actions or inactions of agents of the State or third parties.

It is expressly understood and agreed the obligations set forth in this section shall survive the termination of this Contract.

- E.7. Printing Authorization. The Contractor agrees that no publication coming within the jurisdiction of *Tennessee Code Annotated*, Section 12-7-101, *et. seq.*, shall be printed unless a printing authorization number has been obtained and affixed as required by *Tennessee Code Annotated*, Section 12-7-103 (d).
- E.8. State Ownership of Work Products. The State shall have ownership, right, title, and interest, including ownership of copyright, in all work products, including computer source code, created, designed, developed, derived, documented, installed, or delivered under this Contract subject to the next subsection and full and final payment for each "Work Product." Work Product shall include all test items and prompts drafted, completed work as well as unedited items, rejected items, items under revision, test forms, all psychometric characteristics, including item parameters, and any other materials which may be prepared under this contract. The State shall have royalty-free and unlimited rights and license to use, disclose, reproduce, publish, distribute, modify, maintain, or create derivative works from, for any purpose whatsoever, all said Work Products.
- a. To the extent that the Contractor uses any of its pre-existing, proprietary or independently developed tools, materials or information ("Contractor Materials"), the Contractor shall retain all right, title and interest in and to such Contractor Materials, and the State shall acquire no right, title or interest in or to such Contractor Materials EXCEPT the Contractor grants to the State an unlimited, non-transferable license to use, copy and distribute internally, solely for the State's internal purposes, any Contractor Materials reasonably associated with any Work Product provided under the Contract.
 - b. The Contractor shall furnish such information and data as the State may request, including but not limited to computer code, that is applicable, essential, fundamental, or intrinsic to any Work Product and Contractor Materials reasonably associated with any Work Product, in accordance with this Contract and applicable state law.
 - c. Nothing in this Contract shall prohibit the Contractor's use for its own purposes of the general knowledge, skills, experience, ideas, concepts, know-how, and techniques obtained and used during the course of providing the services requested under this Contract.
 - d. Nothing in the Contract shall prohibit the Contractor from developing for itself, or for others, materials which are similar to and/or competitive with those that are produced under this Contract.
- E.9. Incorporation of Additional Documents. Included in this Contract by reference are the following documents:
- a. The Contract document and its attachments
 - b. All Clarifications and addenda made to the Contractor's Proposal
 - c. The Request for Proposal and its associated amendments
 - d. Technical Specifications provided to the Contractor
 - e. The Contractor's Proposal

In the event of a discrepancy or ambiguity regarding the Contractor's duties, responsibilities, and performance under this Contract, these documents shall govern in order of precedence detailed above.

- E.10. Workpapers Subject to Review. The Contractor shall make all audit, accounting, or financial analysis workpapers, notes, and other documentation available for review by the Comptroller of the Treasury or his representatives, upon request, during normal working hours either while the analysis is in progress or subsequent to the completion of this Contract.
- E.11. Prohibited Advertising. The Contractor shall not refer to this Contract or the Contractor's relationship with the State hereunder in commercial advertising in such a manner as to state or imply that the Contractor or the Contractor's services are endorsed. It is expressly understood and agreed that the obligations set forth in this section shall survive the termination of this Contract in perpetuity.
- E.12. Environmental Tobacco Smoke. Pursuant to the provisions of the federal "Pro-Children Act of 1994" and the Tennessee "Children's Act for Clean Indoor Air of 1995," the Contractor shall prohibit smoking of tobacco products within any indoor premises in which services are provided pursuant to this Contract to individuals under the age of eighteen (18) years. The Contractor shall post "no smoking" signs in appropriate, permanent sites within such premises. This prohibition shall be applicable during all hours, not just the hours in which children are present. Violators of the prohibition may be subject to civil penalties and fines. This prohibition shall apply to and be made part of any subcontract related to this Contract.
- E.13. Debarment and Suspension. The Contractor certifies, to the best of its knowledge and belief, that it, its current and future principals, its current and future subcontractors and their principals:
- a. are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal or state department or agency;
 - b. have not within a three (3) year period preceding this Contract been convicted of, or had a civil judgment rendered against them from commission of fraud, or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or grant under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property;
 - c. are not presently indicted or otherwise criminally or civilly charged by a government entity (federal, state, or local) with commission of any of the offenses detailed in section b. of this certification; and
 - d. have not within a three (3) year period preceding this Contract had one or more public transactions (federal, state, or local) terminated for cause or default.

The Contractor shall provide immediate written notice to the State if at any time it learns that there was an earlier failure to disclose information or that due to changed circumstances, its principals or the principals of its subcontractors are excluded or disqualified.

- E.14. Contractor Commitment to Diversity. The Contractor shall comply with and make reasonable business efforts to exceed the commitment to diversity represented by the Contractor's proposal responding to RFP-331.11.002.09 (Attachment 6.3, Section B, Item B.13.) and resulting in this Contract.

The Contractor shall assist the State in monitoring the Contractor's performance of this commitment by providing, as requested, a quarterly report of participation in the performance of this Contract by small business enterprises and businesses owned by minorities, women, and persons with a disability. Such reports shall be provided to the state of Tennessee Governor's Office of Business Diversity Enterprise in form and substance as required by said office.

- E.15. Copyrights and Patents. The Contractor agrees to indemnify and hold harmless the State of Tennessee as well as its officers, agents, and employees from and against any and all claims or

suits which may be brought against the State for infringement of any laws regarding patents or copyrights which may arise from the Contractor's performance of this Contract. In any such action brought against the State, the Contractor shall satisfy and indemnify the State for the amount of any final judgment for infringement. The Contractor further agrees it shall be liable for the reasonable fees of attorneys for the State in the event such service is necessitated to enforce the terms of this Contract or otherwise enforce the obligations of the Contractor to the State. The State shall give the Contractor written notice of any such claim or suit and full right and opportunity to conduct the Contractor's own defense thereof.

- E.16. Hold Harmless. The Contractor agrees to indemnify and hold harmless the State of Tennessee as well as its officers, agents, and employees from and against any and all claims, liabilities, losses, and causes of action which may arise, accrue, or result to any person, firm, corporation, or other entity which may be injured or damaged as a result of acts, omissions, or negligence on the part of the Contractor, its employees, or any person acting for or on its or their behalf relating to this Contract. The Contractor further agrees it shall be liable for the reasonable cost of attorneys for the State in the event such service is necessitated to enforce the terms of this Contract or otherwise enforce the obligations of the Contractor to the State.

In the event of any such suit or claim, the Contractor shall give the State immediate notice thereof and shall provide all assistance required by the State in the State's defense. The State shall give the Contractor written notice of any such claim or suit, and the Contractor shall have full right and obligation to conduct the Contractor's own defense thereof. Nothing contained herein shall be deemed to accord to the Contractor, through its attorney(s), the right to represent the State of Tennessee in any legal matter, such rights being governed by *Tennessee Code Annotated*, Section 8-6-106.

- E.17. Breach. A party shall be deemed to have breached the Contract if any of the following occurs:

- failure to perform in accordance with any term or provision of the Contract;
- partial performance of any term or provision of the Contract;
- any act prohibited or restricted by the Contract, or
- violation of any warranty.

For purposes of this Contract, these items shall hereinafter be referred to as a "Breach."

- a. Contractor Breach— The State shall notify Contractor in writing of a Breach.
- (1) In event of a Breach by Contractor, the State shall have available the remedy of Actual Damages and any other remedy available at law or equity.
 - (2) Liquidated Damages— In the event of a Breach, the State may assess Liquidated Damages. The State shall notify the Contractor of amounts to be assessed as Liquidated Damages. The parties agree that due to the complicated nature of the Contractor's obligations under this Contract it would be difficult to specifically designate a monetary amount for a Breach by Contractor as said amounts are likely to be uncertain and not easily proven. Contractor hereby represents and covenants it has carefully reviewed the Liquidated Damages contained in above referenced, Attachment B and agree that said amounts represent a reasonable relationship between the amount and what might reasonably be expected in the event of Breach, and are a reasonable estimate of the damages that would occur from a Breach. It is hereby agreed between the parties that the Liquidated Damages represent solely the damages and injuries sustained by the State in losing the benefit of the bargain with Contractor and do not include any injury or damage sustained by a third party. The Contractor agrees that the liquidated damage amount is in addition to any amounts Contractor may owe the State pursuant to the indemnity provision or other section of this Contract.

The State may continue to withhold the Liquidated Damages or a portion thereof until the Contractor cures the Breach, the State exercises its option to declare a

Partial Default, or the State terminates the Contract. The State is not obligated to assess Liquidated Damages before availing itself of any other remedy. The State may choose to discontinue Liquidated Damages and avail itself of any other remedy available under this Contract or at law or equity; provided, however, Contractor shall receive a credit for said Liquidated Damages previously withheld except in the event of a Partial Default.

- (3) Partial Default— In the event of a Breach, the State may declare a Partial Default. In which case, the State shall provide the Contractor written notice of: (1) the date which Contractor shall terminate providing the service associated with the Breach; and (2) the date the State will begin to provide the service associated with the Breach. Notwithstanding the foregoing, the State may revise the time periods contained in the notice written to the Contractor.

In the event the State declares a Partial Default, the State may withhold, together with any other damages associated with the Breach, from the amounts due the Contractor the greater of: (1) amounts which would be paid the Contractor to provide the defaulted service; or (2) the cost to the State of providing the defaulted service, whether said service is provided by the State or a third party. To determine the amount the Contractor is being paid for any particular service, the Department shall be entitled to receive within five (5) days any requested material from Contractor. The State shall make the final and binding determination of said amount.

The State may assess Liquidated Damages against the Contractor for any failure to perform which ultimately results in a Partial Default with said Liquidated Damages to cease when said Partial Default is effective. Upon Partial Default, the Contractor shall have no right to recover from the State any actual, general, special, incidental, consequential, or any other damages whatsoever of any description or amount. Contractor agrees to cooperate fully with the State in the event a Partial Default is taken.

- (4) Contract Termination— In the event of a Breach, the State may terminate the Contract immediately or in stages. The Contractor shall be notified of the termination in writing by the State. Said notice shall hereinafter be referred to as Termination Notice. The Termination Notice may specify either that the termination is to be effective immediately, on a date certain in the future, or that the Contractor shall cease operations under this Contract in stages. In the event of a termination, the State may withhold any amounts which may be due Contractor without waiver of any other remedy or damages available to the State at law or at equity. The Contractor shall be liable to the State for any and all damages incurred by the State and any and all expenses incurred by the State which exceed the amount the State would have paid Contractor under this Contract. Contractor agrees to cooperate with the State in the event of a Contract Termination or Partial Takeover.

- b. State Breach— In the event of a Breach of Contract by the State, the Contractor shall notify the State in writing within 30 days of any Breach of Contract by the State. Said notice shall contain a description of the Breach. Failure by the Contractor to provide said written notice shall operate as an absolute waiver by the Contractor of the State's Breach. In no event shall any Breach on the part of the State excuse the Contractor from full performance under this Contract. In the event of Breach by the State, the Contractor may avail itself of any remedy at law in the forum with appropriate jurisdiction; provided, however, failure by the Contractor to give the State written notice and opportunity to cure as described herein operates as a waiver of the State's Breach. Failure by the Contractor to file a claim before the appropriate forum in Tennessee with jurisdiction to hear such claim within one (1) year of the written notice of Breach shall

operate as a waiver of said claim in its entirety. It is agreed by the parties this provision establishes a contractual period of limitations for any claim brought by the Contractor.

- E.18. Partial Takeover. The State may, at its convenience and without cause, exercise a partial takeover of any service which the Contractor is obligated to perform under this Contract, including but not limited to any service which is the subject of a subcontract between Contractor and a third party, although the Contractor is not in Breach (hereinafter referred to as "Partial Takeover"). Said Partial Takeover shall not be deemed a Breach of Contract by the State. Contractor shall be given at least 30 days prior written notice of said Partial Takeover with said notice to specify the area(s) of service the State will assume and the date of said assumption. Any Partial Takeover by the State shall not alter in any way Contractor's other obligations under this Contract. The State may withhold from amounts due the Contractor the amount the Contractor would have been paid to deliver the service as determined by the State. The amounts shall be withheld effective as of the date the State assumes the service. Upon Partial Takeover, the Contractor shall have no right to recover from the State any actual, general, special, incidental, consequential, or any other damages whatsoever of any description or amount.
- E.19. FERPA Compliance. The State and Contractor shall comply with the Family Education Rights and Privacy Act of 1974 (20 U.S.C. § 1232g) (FERPA) and its accompanying regulations (34 C.F.R. 99). Contractor warrants that it is familiar with requirements of FERPA and its accompanying regulations and that it will comply with all applicable FERPA requirements in the performance of its duties in this contract. Contractor agrees to cooperate with the State as required by FERPA and its regulations in the performance of its duties in this contract. Contractor agrees to maintain the confidentiality of all education records and student information and use such records and information for the exclusive purpose of performing its duties in this contract.

IN WITNESS WHEREOF:

MEASUREMENT INCORPORATED:

Henry H. Scherich 10/20/08
CONTRACTOR SIGNATURE DATE

HENRY H. SCHERICH, PHD., PRESIDENT

DEPARTMENT OF EDUCATION:

Timothy K. Webb 10/31/08
DR. TIMOTHY K. WEBB, COMMISSIONER DATE

APPROVED:

M.D. Goetz, Jr. JP 11-12-08
M. D. GOETZ, JR., COMMISSIONER DATE
DEPARTMENT OF FINANCE AND ADMINISTRATION

John G. Morgan 11/14/08
JOHN G. MORGAN, COMPTROLLER OF THE TREASURY DATE

ATTESTATION RE PERSONNEL USED IN CONTRACT PERFORMANCE

SUBJECT CONTRACT NUMBER:	FA-
CONTRACTOR LEGAL ENTITY NAME:	MEASUREMENT INCORPORATED
FEDERAL EMPLOYER IDENTIFICATION NUMBER: (or Social Security Number)	56-1264255

The Contractor, identified above, does hereby attest, certify, warrant, and assure that the Contractor shall not knowingly utilize the services of an illegal immigrant in the performance of this Contract and shall not knowingly utilize the services of any subcontractor who will utilize the services of an illegal immigrant in the performance of this Contract.

Henry H. Scherich

CONTRACTOR SIGNATURE

NOTICE: This attestation MUST be signed by an individual empowered to contractually bind the Contractor. If said individual is not the chief executive or president, this document shall attach evidence showing the individual's authority to contractually bind the Contractor.

HENRY H. SCHERICH, PHD., PRESIDENT

10/20/08

DATE OF ATTESTATION

Liquidated Damages

PRODUCT DESCRIPTION	Liquidated Damages charges are per State work day
A.6 Administration Activities	
Annual Work Plan	
TCAP/WA and MWA	\$25,000
TCAP/CRA	\$25,000
TCAP/PA	\$25,000
A.7 Development Activities	
TCAP/CR Test Specifications (including item specs)	\$15,000
Special Development Studies	\$10,000
A.10 Psychometric Research and Technical Activities	
Technical Report	
WA/MWA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)	\$25,000
CRA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)	\$25,000
PA (including all equating procedures & results, calibration, scaling, reliability & validity, item analysis and alignment)	\$25,000
Online Testing Pilot and Feasibility Study	\$10,000
A.11 Assessment Materials	
Introductory Training Materials for System Coordinators	
WA/MWA (include electronic version)	\$10,000
CRA (include electronic version)	\$10,000
PA (include electronic version)	\$10,000
Introductory Training Materials for School Coordinators	
WA/MWA (include electronic version)	\$10,000
CRA (include electronic version)	\$10,000
PA (include electronic version)	\$10,000
Preparation Materials	
On-line Samplers	
WA/MWA On-Line Prompt Sampler	\$15,000

CRA On-Line Item Sampler	\$15,000
PA On-Line Sampler	\$15,000
Pre-Test Brochure	
WA/MWA Pre-Test Brochure	\$15,000
PA Pre-Test Brochure	\$15,000
Practice Tests	
CRA Development (include electronic version & teacher directions)	\$15,000
CRA Regular Practice Test (include teacher directions)	\$10,000
CRA Large Print Practice Test (include teacher directions)	\$10,000
CRA Braille Development (include electronic version & teacher directions)	\$15,000
CRA Braille Practice Test (include teacher directions)	\$10,000
Administration Materials	
CRA Teacher Directions (include electronic version)	\$15,000
WA/MWA Test Directions	\$15,000
PA Test Directions	\$15,000
Test Administration Manuals	
WA/MWA Test Administration Manual (include electronic version)	\$25,000
PA Test Administration Manual (include electronic version)	\$25,000
CRA Test Administration Manual (include electronic version)	\$25,000
Teacher Header	\$15,000
School Listing	\$15,000
Bar Code Label	\$10,000
Guide to Test Interpretation GTI	
WA/MWA (comprehensive electronic version)	\$15,000
WA/MWA (Parent Brochure)	\$15,000
PA (comprehensive electronic version)	\$15,000
PA (Parent Brochure)	\$15,000
CRA (comprehensive electronic version)	\$15,000
CRA (Parent Brochure)	\$15,000
Assessment Materials	
WA/MWA Prompt Sheets	\$25,000
WA/MWA Large Print Prompt	\$25,000
WA/MWA Braille Prompt	\$25,000
CRA Test Booklet	\$25,000
CRA Large Print Test Booklet	\$25,000

CRA Braille Test Booklet	\$25,000
Computer Version	
WA/MWA (setup, inc dev)	\$10,000
WA/MWA	\$10,000
PA (setup, inc dev)	\$10,000
PA	\$10,000
CRA (setup, inc dev)	\$10,000
TCAP/CRA	\$10,000
Response Documents	
WA/MWA	\$25,000
Student Demographic Accountability Document	\$25,000
Portfolio Binder Package	\$25,000
A.12 Distribution Requirements	
Contractor Packaging & Distribution to State Warehouse	
WA/MWA	\$30,000
CRA	\$30,000
PA	\$30,000
Contractor Packaging & Distribution to LEAs	
WA/MWA	\$30,000
CRA	\$30,000
PA	\$30,000
A.13 Data Management	
Pre-coding/Bar code labels	
WA/MWA Pre-Coding Setup (includes website setup & customization, support documentation and training)	\$25,000
WA/MWA Pre-coding Support & maintenance (includes data uploads, pre-coding and reviews)	\$25,000
WA/MWA Pre-code response documents	\$25,000
WA/MWA Bar-code labels	\$25,000
CRA Pre-Coding Setup (includes website setup & customization, support documentation and training)	\$25,000
CRA Pre-coding Support & maintenance (includes data uploads, pre-coding and reviews)	\$25,000
CRA Pre-code response documents	\$25,000
CRA Bar-code labels	\$25,000
Student Demographic Data Verification	

WA/MWA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)	\$25,000
WA/MWA Student Demographic Data Verification Support & maintenance	\$25,000
CRA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)	\$25,000
CRA Student Demographic Data Verification Support & maintenance	\$25,000
PA Student Demographic Data Verification Setup (includes website setup & customization, support documentation and training)	\$25,000
PA Student Demographic Data Verification Support & maintenance	\$25,000
A.14 Scoring Activities and A.15 Processing Activities	
Assessment Scoring	
WA/MWA scoring w/ 2 hand scores	\$25,000
WA/MWA scoring w/ hand scores & AI	\$25,000
WA/MWA scoring w/ AI	\$25,000
WA/MWA Pilot scoring w/ 2 hand scores	\$25,000
WA/MWA Pilot scoring w/ hand scores & AI	\$25,000
CRA Scoring w/ 2 hand scores	\$25,000
CRA Scoring w/ hand scores & AI	\$25,000
CRA Scoring w/ AI	\$25,000
PA scoring w/ 2 hand scores	\$25,000
PA scoring w/ hand scores & AI	\$25,000
PA scoring w/ AI	\$25,000
Scan Student Demographic Accountability Documents	\$25,000
A.16. Reporting Activities	
Online Reporting	
WA/MWA Online Reporting Setup (includes report customization)	\$25,000
WA/MWA Online Reporting Support and Maintenance (includes training)	\$20,000
CRA Online Reporting Setup (includes report customization)	\$25,000
CRA Online Reporting Support and Maintenance (includes training)	\$20,000
PA Online Reporting Setup (includes report customization)	\$25,000

PA Online Reporting Support and Maintenance (includes training)	\$20,000
Online Reporting CDs	
WA/MWA Online Reporting CDs	\$25,000
CRA Online Reporting CDs	\$25,000
PA Online Reporting CDs	\$25,000
Paper Reports / Labels	
WA/MWA Student Reports	\$25,000
CRA Student Reports	\$25,000
PA Student Reports	\$25,000
WA/MWA Student Labels	\$25,000
CRA Student Labels	\$25,000
PA Student Labels	\$25,000
Comprehensive Data Files (CDF)	
WA/MWA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)	\$50,000
CRA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)	\$50,000
PA State Comprehensive Data File (includes all aggregated demographic data w student response information for each school/system)	\$50,000
A.17. Operations Management	
WA/MWA Technical Support Services	\$10,000
CRA Technical Support Services	\$10,000
PA Technical Support Services	\$10,000