STATE OF TEXAS §

COUNTY OF TRAVIS §

			Content Management and Delivery System Project
Division Number:	214	Program Name:	GATEWAY
Org. Code:		Legal/Funding Authority:	TGC 771
Speed Chart:		GAA Article III Rider 59	
Payee Name:	TEG Technologies, LLC	ISAS Contract #:	3422
Payee ID:	1474971048	PO #:	35896

Amendment # 3

AMENDMENT TO
INTERAGENCY CONTRACT
BETWEEN
TEXAS EDUCATION AGENCY (Receiving Agency)
AND

TEG Technologies, LLC
NAME OF PERFORMING AGENCY

It is mutually understood and agreed by and between the undersigned contracting agencies of the above referenced contract to amend said contract effective 2/1/2017 as follows:

Increase the scope of work for Tasks 1 thru 6. Revised Description of Services / Tasks & Activities and Budget Summary is hereby attached and incorporated herein by reference.

Expended Original Contract Amount:	$ 2,902,000.00
Amendment 2 Amount:	$ 2,747,220.00
Amendment 3 Amount:	$ 1,217,000.00
Total Contract Amount:	$ 6,866,220.00

The State of Texas Travel Guidelines specifies reimbursement rates for lodging, meals, and mileage. Effective 1/1/17, the mileage rate was updated; refer to the current rates located at Comptroller's State of Texas, Travel Guidelines website: https://fmx.cpa.state.tx.us/fmx/travel/textravel/index.php

All other terms and conditions of the original contract and amendments remain the same and are incorporated herein as if specifically written. It is agreed and accepted by the authorized representatives of the undersigned parties that all terms and conditions of this amendment are effective on the date written above. It is mutually understood that this Amendment will be effective on the date indicated or upon signature of TEA whichever is later.

RECEIVING AGENCY

TEXAS EDUCATION AGENCY

By: _____
Mike Morath
Commissioner of Education

2/3/17
Date

PERFORMING AGENCY

TEG TECHNOLOGIES, LLC

By: _____
Hugh Norwood
CEO and General Manager

1/6/17
Date

Submit electronic copy to: TEAContracts@tea.texas.gov
Or by mail to:
Norma Barrera, Director
Purchasing, Contracts and Agency Services
Texas Education Agency
1701 North Congress Avenue, Room 2-125

Task	Sub-task	Task Description		Start Date	End Date	Contract Budget Est.	Project ID
1		**TX Gateway CMDS**					
	1.1	Ensure continued operation of all Gateway services, including CMDS, CDN, AWS, proprietary APIs and all associated RESTful web services		9/1/2016	8/31/2017		
	1.2	Develop and manage the 2017 technology roadmap and the protocols for notification and approval for maintenance updates and new releases	TEG Leadership & TEA Project Lead	9/1/2016	8/31/2017		
	1.3	Determine the plan and procedures for convening stakeholder groups and soliciting user/district feedback	TEG, RFL & TEA Project Lead	9/1/2016	8/31/2017		
	1.4	Implement system maintenance and monitoring protocols	Clyde Boyer & Lead Developers	9/1/2016	8/31/2017		
	1.5	Provide monthly usage and data analysis reports to TEA		9/1/2016	8/31/2017		
	1.6	Meet with TEA monthly on progress reports, project deliverables and evaluation of progress and user experience		9/1/2006	8/31/2017		
	1.7	Implement system enhancements, new features, and version releases, as designated in the technology roadmap	Clyde Boyer & Lead Developers	9/1/2016	8/31/2017		
		TASK 1 TOTAL				$ 2,125,920	2921705
2		**Gateway Courseware**					
	2.1	Ensure continued operation of OpenEdX platform, hosting & Server architecture, all LTI links, etc.		9/1/2016	8/31/2017		
	2.2	Implement system maintenance and monitoring protocols	Clyde Boyer & Lead Developers	9/1/2016	8/31/2017		
	2.3	Implement system enhancements, new features, and version releases, as designated in the technology roadmap	Clyde Boyer & Lead Developers	9/1/2016	8/31/2017		
	2.4	Enrollment of course takers and support for all users in the system according to plan	TEG	9/1/2016	8/31/2017		
		TASK 2 TOTAL				$ 531,300	2921705
3		**Localization of TEA content to district LMSs:**					

	3.1	Monitor and maintain current LMS integrations for Canvas, Schoology, Moodle and Google Classroom	Resources for Learning Team	9/1/2016	8/31/2017		
	3.2	Provide a "Developer Site" for local district staff for all LTI and TCC packages and scripts	Resources for Learning Team	9/1/2016	8/31/2017		
	3.3	Monitor and maintain the https certificates and all 3rd party content developer links and i-frames, etc.		9/1/2016	8/31/2017		
	3.4	Maintain technology support for all district personnel	Resources for Learning Team	9/1/2016	8/31/2017		
		TASK 3 TOTAL				$ 90,000	2921705
4		**Create and Maintain Machine-Readable TEKS**					
	4.1	Build and test HTML-responsive TEKS Database, data dictionary, schema (prerequisite for API development)		1/24/2017	2/1/2017	$ 175,000	2921705
		TEA/SBOE/ISD Interviews and research to determine requirements documents. Review/refine					
		Conform TEKS data and create TEKS data dictionary for ongoing management					
		Requires the cooperation of TEA staff to identify potential missing data, and to certify all versioning aspects of data					
	4.2	Create, test, deploy API and Certify against IMS specifications (includes HISD pilot interaction)		2/1/2017	5/1/2017	$ 360,000	2921705
		Design, develop and deliver a "TEKS Repository" wherein TEA can manage syndication options:					
		* *PDF publication*					
		* *CSV "flat file" for export*					
		* *API integration based on IMS Global CF Spec*					
		Create an API to conform TEKS to IMS Global Curriculum Framework Specifications					
		Certify IMS conformance of TEKS					
	4.3	Establish "TEKS Repository" within Texas Gateway (license to TEG CoreTech Competency Framework Manager)		5/1/2017	8/1/2017	$ 120,000	2921705
		License tools for the on-going management of TEKS within the TEA as competency framework and "canonical reference" for all TEKS-referenced instances					
		Streamline (where desirable) current TEKS process, allowing public comment and approval process utilizing technology more effectively					
		Manage all TEKS items according to a governance and workflow model as defined by TEA					

		Provide the Competency Framework Manager functionality to TEKS items for real-time edit/publish, and version control					
		TASK 4 TOTAL				$ 655,000	
5		**OpenStax Textbook Import and Transformation**	TOT prog. Statewide				
	5.1	Define common content structure and metadata (7 books)	Christine Case & Bonnie Nordvedt		2/10/2017	$ 35,000	2921705
	5.2	Adapt Gateway styles and scripting (includes stage→ dev → prod Q/A testing of all elements, Gateway release, security checks)	Christine Case & Bonnie Nordvedt	1/30/2017	2/24/2017	$ 45,000	2921705
	5.3	Create API for textbook import (bulk import tool) to be used with all 7 textbooks	Christine Case & Bonnie Nordvedt	1/30/2017	2/24/2017	$ 60,000	25001740
		Enable import and transformation of ePub files to mapped Gateway content types					
	5.4	New content type and content developer role: Book and Book Manager	Christine Case & Bonnie Nordvedt	1/30/2017	2/24/2017	$ 20,000	2921705
		Develop new Book content type according to defined structure and metadata requirements					
		Adjust search facets and tagging to include new content type					
		Design new role for importing, editing, and managing Books					
	5.5	New UI for navigation of new content type: Book	Christine Case & Bonnie Nordvedt	1/30/2017	2/24/2017	$ 40,000	25001740
	5.6	Update Partner Site and interoperability framework for new content type: Book		2/24/2017	3/30/2017	$ 12,000	2921705
		TASK 5 TOTAL				$ 212,000	(funding from 2 projects)
6		**CTE Partner Site within Gateway CMDS**					
	6.1	Host, serve, support (dev ops, security, etc.) CTE Gateway "microsite"		1/24/2017	7/31/17	$ 90,000	42001643
	6.2	Develop a separate customer-facing "microsite" for CTE within the Texas Gateway ecosystem		1/24/2017	5/31/17	$ 95,000	42001643

		Stand-up microsite connected to existing CMDS site architecture					
		Customize site layout and implement new design scheme as directed by CTE leadership					
		Extend existing Texas Gateway shared services (SSO, monitoring and logging, reporting, etc.)					
	6.3	Add new site functionality to Core Gateway architecture		1/24/2017	7/31/2017	$ 140,000	42001643
		Assess and make required changes to existing content architecture for CTE content					
		Create up to 4 "bulk import" templates for use by CTE content developers based on 2.1					
		Develop new taxonomies for CTE career clusters and programs of study (POS)					
		Refine search and tagging to address CTE resource types and taxonomies					
		Adjust current search facets (content type, resource type, audience, etc.)					
		Provide content alignment to new career cluster and POS taxonomies					
		Enable content tagging for Creative Commons license types					
		Enable content filtering/promotion (authenticated users only)					
		Implement UI functionality for rating/liking content					
		Enable module for newsletter/notification sign-up and delivery					
		Configure a site blog for posting updates and announcements					
	6.4	Enable site Help Center and provide support services		1/24/2017	7/31/2017	$ 25,000	42001643
		Zendesk Help Center for CTE Administrator(s)					
		Provide site orientation and support for TEA CTE Administrator(s) and content providers					
		Offer templates, guidelines and support services for the CTE Resource Integration Project					
	6.5	Phase 2 Deliverables		TBD	TBD		
		Enable site language options (English and Spanish) and allow content translations based on user language selection.					
		Refine roles, including a role for parents, and develop role-based views					
		Additional deliverables and improvements determined after the completion of initial statement of work					
		TASK 6 TOTAL				$ 350,000	
		CONTRACT TOTAL				$ 3,964,220	