Exhibit A

Statement of Work
DEX Ed-Fi Upgrade

General

This Scope of Work is entered into by and between the State of Indiana Department of Education ("IDOE") and EdWise Group ("Vendor").

This Scope of Work defines deliverables and billing arrangements for all completed services. In this Upgrade Project, the Vendor will lead requirements, architecture, development, testing and release the software to Production.

This work contains 14 items, several of which may be performed in parallel, which will each contain independent scope and acceptance criteria. All milestones are expected to be completed within the contract period of July 5, 2022, and September 29, 2023.

Summary Scope and Key Elements

This section provides a summary of the key provisions of each work stage of this Statement of Work. It is intended solely to provide clarity and is qualified in its entirety to the detailed provisions provided elsewhere in the Statement of Work.

The total not to exceed ("NTE") funding for the aggregate of all the phases is ▮▮▮▮▮▮▮▮

Item 1 (Data mapping of DEX components to new Ed-Fi ODS/API v5.3 data model) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▮▮▮▮▮▮. Invoicing will be periodic based on deliverable acceptance.

Item 2 (Upgrade DEX API component and publish to vendor environment) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▮▮▮▮▮▮. Invoicing will be periodic based on deliverable acceptance.

Item 3 (Upgrade DEX Validation Process component) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▮▮▮▮▮▮. Invoicing will be periodic based on deliverable acceptance.

Item 4 (Upgrade DEX Validation Portal component) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▮▮▮▮▮▮. Invoicing will be periodic based on deliverable acceptance.

Item 5 (Upgrade DEX data integration to and from other IDOE data systems) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▮▮▮▮▮▮ Invoicing will be periodic based on deliverable acceptance.

Item 6 (Functional and Integration testing of API, Bulk Uploader and Data Integration into DEX) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▮▮▮▮▮▮. Invoicing will be periodic based on deliverable acceptance

Item 7 (Functional and Integration testing of Validation Process, Validation Portal, and Data Integration out of DEX) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▓▓▓▓▓. Invoicing will be periodic based on deliverable acceptance.

Item 8 (Load Testing of API and Bulk Uploader) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▓▓▓▓▓. Invoicing will be periodic based on deliverable acceptance.

Item 9 (Load Testing of Validation Process and Validation Portal) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▓▓▓▓▓ Invoicing will be periodic based on deliverable acceptance.

Item 10 (Vendor Certification) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▓▓▓▓▓. Invoicing will be periodic based on deliverable acceptance.

Item 11 (User Acceptance Testing) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▓▓▓▓▓. Invoicing will be periodic based on deliverable acceptance.

Item 12 (Go-Live and Knowledge Transfer of upgraded DEX platform) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▓▓▓▓▓. Invoicing will be periodic based on deliverable acceptance.

Item 13 (Hypercare Support) will be performed on a fixed-fee, firm deliverable basis for a total charge of ▓▓▓▓▓. Invoicing will be periodic based on time incurred.

Item 14 (System Tuning and Stabilization) is to continue the development work required to ensure successful implementation of the Ed-Fi Upgrade. Work will be performed on a fixed-fee, firm deliverable basis for a total charge of ▓▓▓▓▓ Invoicing will be periodic based on time incurred. Scope and cost will require IDOE CIO approval prior to beginning.

Introduction

The Indiana Department of Education (IDOE) intends to request the services of an education technology consulting services provider EdWise Group for the purposes of upgrading their current student Data Exchange (DEX) platform from Ed-Fi ODS/API v2.4 to Ed-Fi ODS/API v5.3.

Background

IDOE has leveraged the Ed-Fi ODS/API to build the DEX platform for collecting student enrollment, attendance and program participation data from the schools and school corporations of Indiana. The Ed-Fi ODS/API that is currently in production is based on an older version (v2.4). As part of IDOE's efforts to improve support and customer experience to Indiana schools, the department has decided to upgrade the DEX platform to Ed-Fi ODS/API v5.3. The upgraded DEX platform will provide the following benefits:

- Align the DEX platform to latest technological advances and security updates
- Enables SIS vendors to stay current with Ed-Fi version
- Support from Ed-Fi Alliance
- Easier path for future upgrades
- Collaborate with Ed-Fi Alliance and other states on the latest version for the Ed-Fi ODS/API

Scope of work

The DEX Ed-Fi Upgrade project scope includes the following areas as required by the department:

Data mapping of DEX components to new Ed-Fi ODS/API v5.3 data model

The Vendor will provide an initial project plan that outlines the major milestones that are required to be fulfilled for successful delivery of the system upgrade. The plan will be updated with detailed tasks throughout the life cycle of the project.

The Vendor will collaborate and co-ordinate with IDOE in development of the Data Mapping document which maps the required attributes of data that is collected to the latest Ed-Fi ODS/API version 5.3.

The Vendor will be required to map all the data elements from the above collections with the goal of identifying existing data structures within the Ed-Fi model supporting IDOE data requirements, as well as gaps which will require custom extensions. Extensions will be defined using the MetaEd language in the Ed-Fi Extension Framework. The Vendor will also be required to identify the current IDOE extensions that are replaced by the Ed-Fi ODS/API v5.3, replace the extensions with Ed-Fi core API and update the documentation that will be provided to SIS Vendors for integration of the SIS systems with IDOE's DEX platform.

Mapping activities will be performed by standing up a Vendor Development environment and generating of the new version of Ed-Fi ODS/API. This activity includes documenting the infrastructure requirements and creating the components required by the environment.

Planned activities include:
- Project Plan
- Ed-Fi Upgrade Mapping Report and extension identification
- Extension Modeling Using MetaEd
- Vendor Development Environment Component Document
- Creation of Vendor Development Environment

Upgrade DEX API component and publish to vendor environment

The Vendor will collaborate with IDOE in developing the Vendor support process to ensure the SIS Vendors are successful in integrating with the upgraded DEX platform.

The Vendor will review the Vendor Scenario documentation and update wherever applicable with the changes from Ed-Fi version upgrade and submit the document to IDOE stakeholders for review and publishing.

The Vendor will deploy the Ed-Fi ODS/API v5.3 to Vendor Development Environment and assist IDOE Vendor Support staff in communicating the release of the environment to SIS Vendors.

Planned activities include:
- Upgrade the DEX Ed-Fi ODS/API to v5.3
- Create Vendor Support Process document
- Create and publish Vendor Scenario document
- Deployment of Ed-Fi ODS/API v5.3 to Vendor Development Environment

- Communication of environment availability to SIS Vendors

Upgrade DEX Validation Process component

The Vendor will document the required changes in all objects of the Validation Database as well as the changes to Validation process. Prior to implementing the software changes in the Validation Database, the Vendor will obtain approval from IDOE stakeholders to ensure successful implementation of the changes. The Vendor will also collaborate with IDOE stakeholders in implementing the Validation Process changes.

Planned activities include:
- Documentation of Validation Database component changes
- Implementation of Validation Database component changes
- Documentation of Validation Process changes
- Implementation of Validation Process changes
- Unit testing of Validation Database and Process changes

Upgrade DEX Validation Portal component

The Vendor will document the required changes on the Validation Portal and obtain the approval from IDOE stakeholders before implementation of the Validation Portal changes.

The Vendor will document the required changes to the Bulk-Uploader software and obtain approval to implement the changes.

Planned activities include:
- Documentation of Validation Portal changes
- Implementation of Validation Portal changes
- Documentation of Bulk-Uploader changes
- Implementation of Bulk-Uploader changes
- Unit testing of Validation Portal and Bulk-Uploader changes

Upgrade DEX data integration to and from other IDOE data systems

The Vendor will document the changes to data integration components of DEX platform. This includes changes to the components that supply data to DEX as well as consume data from DEX. The documented changes will be presented to IDOE stakeholders prior to implementation. Upon approval of the changes, the Vendor will implement the changes in the ETL processes.

Planned activities include:
- Documentation of changes to ETLs loading data into DEX
- Implementation of changes to ETLs loading data into DEX
- Documentation of changes to ETLs loading data from DEX to other systems
- Implementation of changes to ETLs loading data from DEX to other systems
- Unit testing of changes to ETLs loading data into DEX and loading data from DEX to other systems

Functional and Integration Testing of API, Bulk Uploader and Data Integration into DEX

The Vendor will perform the required Functional and Integration testing of the upgraded solution to ensure the successful implementation of the upgrade. The Vendor will document all the required Functional and Integration test strategies and plans before performing the related tasks of testing the entire upgraded solution.

Planned activities include:
- Documentation of test strategy, test plan and test scripts
- Testing of ETL into DEX
- Testing of API
- Testing of Bulk Uploader
- Fix any bugs that are found during the functional and integration testing

Functional and Integration Testing of Validation Process, Validation Portal, and Data Integration out of DEX

The Vendor will perform the required Functional and Integration testing of the upgraded solution to ensure the successful implementation of the upgrade. The Vendor will document all the required Functional and Integration test strategies and plans before performing the related tasks of testing the entire upgraded solution.

Planned activities include:
- Documentation of test strategy, test plan and test scripts
- Testing of On-Demand Validation
- Testing of Nightly Validation
- Testing of Validation Portal
- Testing of ETL out of DEX to downstream systems
- Fix any bugs that are found during the functional and integration testing

Load Testing of API and Bulk Uploader

The Vendor will define load test scenarios and implement the plan to Load Test the upgraded DEX Platform. The scenarios will be documented and executed upon approval from IDOE stakeholders.

Planned activities include:
- Documentation of test strategy, test plan and test scripts
- Load testing of the API and analyze performance results
- Load testing of Bulk-Uploader and analyze performance results
- Fix any performance issues identified during the Load Testing

Load Testing of Validation Process and Validation Portal

The Vendor will define load test scenarios and implement the plan to Load Test the upgraded DEX Platform. The scenarios will be documented and executed upon approval from IDOE stakeholders.

Planned activities include:
- Documentation of test strategy, test plan and test scripts
- Load testing of the Validation Process and analyze performance results
- Load testing of Validation Portal and analyze performance results

- Fix any performance issues identified during the Load Testing

Vendor Certification

The Vendor will define Vendor Certification scenarios in collaboration with IDOE stakeholders and implement the plan to have the SIS vendors certify their system on the IDOE upgraded DEX Platform. The scenarios will be documented and executed upon approval from IDOE stakeholders.

Planned activities include:
- Deployment of Ed-Fi ODS/API v5.3 to Vendor Certification environment
- Documentation of Vendor Certification scenarios and test cases
- Create and publish the schedule for Vendor Certification
- Support IDOE in Vendor Certification

User Acceptance Testing

The Vendor will collaborate with IDOE in supporting User Acceptance Testing (UAT) of upgraded DEX platform. The UAT testing scenarios will be documented and executed upon approval from the IDOE stakeholders.

Planned activities include:
- Documentation of test plan and scripts in collaboration with business stakeholders
- Testing of ETL into DEX
- Testing of API
- Testing of Bulk Uploader
- Testing of On-Demand Validation
- Testing of Nightly Validation
- Testing of Validation Portal
- Testing of ETL out of DEX to downstream systems
- Fix any bugs identified during user acceptance testing

Go-Live and Knowledge Transfer of upgraded DEX platform

The Vendor will collaborate with IDOE in performing the activities pertaining to Go-Live process and the knowledge transfer of the upgraded DEX platform.

Planned activities include:
- Creation of production environment component document
- Creation of production environment
- Deployment of upgraded DEX components to production environment
- Smoke testing of the upgraded DEX components in Production
- Performing the activity of distributing of Secret and Key to the upgraded DEX platform where required
- Communication and support to LEAs about Go-Live
- Create technical documentation for knowledge transfer
- Conduct knowledge transfer sessions with IDOE IT staff as required

Hypercare Support

After the launch of the upgraded DEX platform, the Vendor will collaborate with IDOE in providing extra support to IDOE staff, school corporation data administrators, and SIS vendors.

Planned activities include:
- Supporting IDOE staff
- Supporting SIS vendors
- Support school corporation data administrators
- Fixing any bugs or issues arising from the upgraded DEX platform

System Tuning and Stabilization

Vendor may be asked to complete additional tasks to ensure project success at the discretion of the IDOE CIO, up to the amount defined in the System Tuning and Stabilization budget. This budget may be used only with the written approval of IDOE CIO.

Deliverables Acceptance

Upon submission of each deliverable(s), IDOE shall have five (5) business days (the "Acceptance Period") after the delivery of each Deliverable (including, without limitation, all deliverables, and modifications to existing deliverables) to review and/or test such Deliverable. IDOE shall, within five (5) days after the end of the Acceptance Period, send to the Vendor either a written notice of acceptance or a written notice of rejection that includes a detailed description of any problems with the Deliverable. If at the end of the five (5) day period, IDOE has not provided response to the Vendor, the Deliverable is considered as accepted. If IDOE rejects the Deliverables, the Vendor shall have twenty (20) days (the "Remediation Period") to correct the problems and deliver an updated Deliverable to IDOE. The Acceptance Period shall then begin anew with respect to such updated Deliverable. Deliverables may only be rejected due to technical findings or issues materially affecting their validity, and not for formatting, grammatical, or other typographic errors or omissions.

Assumptions

- The Vendor will utilize the IDOE's infrastructure (server and network on-premises and Azure) resources to perform the project activities
- IDOE will provide optimal access to infrastructure with relevant permissions required for the successful implementation of the project
- Required IDOE staff will be available for the duration of the project in providing guidance, participate in meetings and signoffs where required
- IDOE will allocate resources for conducting reviews, User Acceptance Testing and signoffs
- The project scope will not change once the stakeholders sign off on the scope statement
- Any additions to scope will be documented and require prioritization by IDOE along with amendments to agreements on budget, timeline, and scope
- The Vendor will not be responsible for delivery delays due to unavailability of IDOE resources