



CONSULTING AND TECHNICAL SERVICES II (CATS II)

TASK ORDER REQUEST FOR PROPOSALS (TORFP)

**ORACLE DATABASE AND APPLICATIONS
ADMINISTRATOR**

CATS II TORFP # R00B9200095

**Maryland State Department of Education
Division of Accountability and Assessment**

ISSUE DATE: MARCH 19, 2010

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KEY INFORMATION SUMMARY SHEET

This Consulting and Technical Services II (CATS II) Task Order Request for Proposals (TORFP) is issued to obtain the services necessary to satisfy the requirements defined in Section 2 - Scope of Work. All CATS II Master Contractors approved to perform work in the functional area under which this TORFP is released are invited to submit a Task Order (TO) Proposal to this TORFP. Master Contractors choosing not to submit a proposal must submit a Master Contractor Feedback form. The form is accessible via your CATS II Master Contractor login screen and clicking on TORFP Feedback Response Form from the menu. In addition to the requirements of this TORFP, the Master Contractors are subject to all terms and conditions contained in the CATS II RFP issued by the Maryland Department of Information Technology and subsequent Master Contract Project Number 060B9800035, including any amendments.

TORFP Title:	ORACLE DATABASE AND APPLICATIONS ADMINISTRATOR
Functional Area:	Functional Area 2 – Web and Internet Systems
TORFP Issue Date:	FRIDAY, MARCH 19, 2010
Closing Date and Time:	APRIL 22, 2010 BY 2:00 PM
TORFP Issuing Agency:	Maryland State Department of Education (MSDE) Division of Accountability and Assessment (DAA)
Send Questions and Proposals to:	Dorothy M. Richburg, Procurement Officer dritchburg@msde.state.md.us
TO Procurement Officer:	Dorothy M. Richburg, Procurement Officer Maryland State Department of Education 200 West Baltimore Street Baltimore, MD 21201 Telephone: 410-767-0628; Fax: 410-333-2017 email: dritchburg@msde.state.md.us
TO Manager:	Janice Johnson, Branch Chief Maryland State Department of Education Division of Accountability and Assessment 200 West Baltimore Street; Baltimore, MD 21201 Telephone: 410-767-0025; Fax: 410-333-2017 email: jjohnson@msde.state.md.us
TO Project Number:	R00B9200095
TO Type:	Time and Materials
Period of Performance:	One Base Year with One Year Renewal Option
MBE Goal:	0 percent
Small Business Reserve (SBR):	No
Primary Place of Performance:	Maryland State Department of Education Division of Accountability and Assessment 200 West Baltimore Street Baltimore, MD 21201
TO Pre-proposal Conference:	Maryland State Department of Education Division of Accountability and Assessment 200 West Baltimore Street, CR 6 Baltimore, MD 21201 Wednesday, March 24, 2010 at 9:00 AM See Attachment 6 for directions.

NOTICE TO MASTER CONTRACTORS

This Consulting and Technical Services II (CATS II) Task Order Request for Proposals (TORFP) is issued to obtain the services necessary to satisfy the requirements defined in Section 2 - Scope of Work. All CATS II Master Contractors approved to perform work in the functional area under which this TORFP is released are invited to submit a Task Order (TO) Proposal to this TORFP. Master Contractors choosing not to submit a proposal must submit a Master Contractor Feedback form. The form is accessible via your CATS II Master Contractor login screen and clicking on TORFP Feedback Response Form from the menu. In addition to the requirements of this TORFP, the Master Contractors are subject to all terms and conditions contained in the CATS II RFP issued by the Maryland Department of Information Technology and subsequent Master Contract Project Number 060B9800035, including any amendments.

TORFP Title: Oracle Database and Applications Administrator

TORFP No.: R00B9200095

1. If you have responded with a "not submitting Task Order Proposal", please indicate the reason(s) below:
- Other commitments preclude our participation at this time.
 - The subject of the TORFP is not something we ordinarily provide.
 - We are inexperienced in the services required.
 - Specifications are unclear, too restrictive, etc. (Explain in REMARKS section.)
 - The scope of work is beyond our present capacity.
 - Doing business with the State of Maryland is too complicated. (Explain in REMARKS section.)
 - We cannot be competitive. (Explain in REMARKS section.)
 - Time allotted for completion of a Task Order Proposal is insufficient.
 - Start-up time is insufficient.
 - Bonding/Insurance requirements are too restrictive. (Explain in REMARKS section.)
 - TORFP requirements (other than specifications) are unreasonable or too risky.
(Explain in REMARKS section.)
 - Prior State of Maryland contract experience was unprofitable or otherwise unsatisfactory. (Explain in REMARKS section.)
 - Payment schedule too slow.
 - Other: _____.
2. If you have submitted a Task Order Proposal, but wish to offer suggestions or express concerns, please use the Remarks section below.

Remarks:

Master Contractor Name: _____ Date: _____

Contact Person: _____ Phone _____ email _____

Oracle Database and Applications Administrator

PRE-PROPOSAL CONFERENCE INTENT TO ATTEND

Print or Type

NAME OF COMPANY:

ADDRESS OF COMPANY:

FAX NUMBER:

E-MAIL ADDRESS:

EXPECTED NUMBER OF ATTENDEES:

NAME OF PRIMARY CONTACT FOR

PURPOSES OF SENDING INFORMATION:

If you are unable to attend the Pre-Proposal conference or submit a proposal, for this project, please fill out the bottom portion of this letter and return to:

Maryland State Department of Education
Attention: Dorothy M. Richburg, Procurement Officer
200 West Baltimore Street
Baltimore, Maryland 21201

I ___ will ___ will not attend the pre-proposal conference

I ___ will ___ will not submit a proposal for this project. If not, please explain:

___ Too busy at this time ___ Not engaged in this type of work
___ Site location too distant ___ Project too large/small (circle one)
___ Other (specify)

Do you wish to receive solicitations for similar/other projects in the future? ___ Yes ___ No

Signature _____ Company Name _____

Date _____ Telephone No. _____

Insert RFP# _____ Fax No. _____

Are you a member of the Small Business Reserve Program? ___ Yes ___ No

Are you a MBE Yes _____ No _____

SECTION 1 - ADMINISTRATIVE INFORMATION

1.1 RESPONSIBILITY FOR TORFP AND TO AGREEMENT

The TO Procurement Officer has the primary responsibility for the management of the TORFP process, for the resolution of TO Agreement (TOA) scope issues, and for authorizing any changes to the TOA.

The TO Manager has the primary responsibility for the management of the work performed under the TOA; administration functions, including issuing written directions; ensuring compliance with the terms and conditions of the CATS II Master Contract; and, in conjunction with the selected Master Contractor, achieving on budget/on time/on target (e.g., within scope) completion of the Scope of Work.

1.2 TO AGREEMENT

Based upon an evaluation of TO Proposal responses, a Master Contractor will be selected to conduct the work defined in Section 2 - Scope of Work. A specific TOA, Attachment 3, will then be entered into between the State and the selected Master Contractor, which will bind the selected Master Contractor (TO Contractor) to the contents of its TO Proposal, including the price proposal.

1.3 TO PROPOSAL SUBMISSIONS

The TO Procurement Officer will not accept submissions after the date and exact time stated in the Key Information Summary Sheet above. The date and time of submission is determined by the date and time of arrival in the TO Procurement Officer's e-mail box. The TO Proposal is to be submitted via e-mail as two attachments in MS Word format. The "subject" line in the e-mail submission shall state the TORFP #R00B9200095. The first file will be the TO Proposal technical response to this TORFP and titled, "CATS II TORFP # R00B9200095 Technical". The second file will be the financial response to this CATS II TORFP and titled, "CATS II TORFP # R00B9200095 Financial". The following proposal documents must be submitted with required signatures as .PDF files with signatures clearly visible:

- Attachment 1 – Price Proposal
- Attachment 3 - Conflict of Interest and Disclosure Affidavit
- Attachment 10 – Living Wage Affidavit of Agreement

1.4 ORAL PRESENTATIONS/INTERVIEWS

All Master Contractors and proposed staff will be required to make an oral presentation to State representatives. Significant representations made by a Master Contractor during the oral presentation shall be submitted in writing. All such representations will become part of the Master Contractor's proposal and are binding, if the Contract is awarded. The Procurement Officer will notify Master Contractor of the time and place of oral presentations.

1.5 CONFLICT OF INTEREST

The TO Contractor awarded the TOA shall provide IT technical and/or consulting services for State agencies or component programs with those agencies, and must do so impartially and without any conflicts of interest. Each Master Contractor shall complete and include a Conflict of Interest Affidavit in the form included as Attachment 3 this TORFP with its TO Proposal. If the TO Procurement Officer makes a determination that facts or circumstances exist that give rise to or could in the future give rise to a conflict of interest within the meaning of COMAR 21.05.08.08A, the TO Procurement Officer may reject a Master Contractor's TO Proposal under COMAR 21.06.02.03B.

Master Contractors should be aware that the State Ethics Law, State Government Article, §15-508, might limit the selected Master Contractor's ability to participate in future related procurements, depending upon specific circumstances.

1.6 NON-DISCLOSURE AGREEMENT

Certain system documentation may be available for potential Offerors to review at a reading room at Maryland State Department of Education. Offerors who review such documentation will be required to sign a Non-Disclosure Agreement (Offeror) in the form of Attachment 7. Please contact the TO Procurement Officer of this TORFP to schedule an appointment.

In addition, certain documentation may be required by the TO Contractor awarded the TOA in order to fulfill the requirements of the TOA. The TO Contractor, employees and agents who review such documents will be required to sign, including but not limited to, a Non-Disclosure Agreement (TO Contractor) in the form of Attachment 8.

1.7 LIMITATION OF LIABILITY CEILING

Pursuant to Section 27 (C) of the CATS II Master Contract, the limitation of liability per claim under this TORFP shall not exceed the total TOA amount.

1.8 CONTRACT MANAGEMENT OVERSIGHT ACTIVITIES

DoIT is responsible for contract management oversight on the CATS II master contract. As part of that oversight, DoIT has implemented a process for self-reporting contract management activities of CATS II task orders (TO). This process shall typically apply to active TOs for operations and maintenance services valued at \$1 million or greater, but all CATS II TOs are subject to review.

Attachment 9 is a sample of the TO Contractor Self-Reporting Checklist. DoIT will send initial checklists out to applicable TO Contractors approximately three months after the award date for a TO. The TO Contractor shall complete and return the checklist as instructed on the checklist. Subsequently, at six month intervals from the due date on the initial checklist, the TO Contractor shall update and resend the checklist to DoIT.

SECTION 2 - SCOPE OF WORK

2.1 PURPOSE

Maryland State Department of Education (MSDE) has assumed a progressive stance in the collection, validation and reporting of education accountability data. The state established its first Educational Data Warehouse (EDW) in 1999 and today strives to achieve the ten essential elements and fundamentals for PreK-12 longitudinal data systems established by the Data Quality Campaign, see www.dataqualitycampaign.org for additional information on the ten essential requirements.

With the increase in reporting requirements for Federal, and State longitudinal student data, MSDE is moving forward to increase the kinds of student data collected and analyzed. To help MSDE achieve this aim, NCES awarded a Federal grant to MSDE in FY 2009 to modernize and enhance MSDE's (1) Educational Data Warehouse (EDW), (2) associated data collection systems, and (3) LEA and state reporting systems. As a result of this grant, MSDE is modernizing its infrastructure (people, processes and technologies) to increase the capacity and sophistication of its systems. The enhanced data collection and reporting will meet new Federal reporting requirements, and help LEA's design curriculums that ready students to meet their post-secondary goals. The objective of this Task Order RFP (TORFP) is to acquire the services of a single Oracle Database and Applications Administrator with administration experience in a variety of applications including Informatica, COGNOS C8, Windows 2008, IIS, Apache, SharePoint, and/or Oracle OAS/Portal. The Oracle Database and Applications Administrator will work with the Division of Accountability and Assessment's MLDS project team at MSDE's facility at 200 Baltimore, MD. The Oracle Database and Applications Administrator, along with the MLDS project team, will modify and enhance the existing MSDE Educational Data Warehouse and implement the COGNOS C8 BI suite to increase performance, reporting capabilities, and add new kinds of longitudinal educational data to the Educational Data Warehouse.

If TO Contractor is required to perform additional work, or there is a work reduction due to unforeseen scope changes, the TO Contractor and TO Manager shall negotiate a mutually acceptable modification to the contract based on the TO Contractor's Master Contract and scope of the work change. No scope of work modification shall be performed until a change order is approved by the TO Manager and DOIT and executed by the TO Procurement Officer.

The TO Manager may make recommendation to the Procurement Officer to terminate this TO Agreement, in whole or in part, without showing cause upon prior written notice to the TO Contractor specifying the extent and the effective date of the termination. MSDE shall pay all reasonable costs associated with this TO Agreement that the TO Contractor has incurred up to the date of termination and all reasonable costs associated with termination of the Contract. However, the TO Contractor may not be reimbursed for any anticipatory profits which have not been earned up to the date of termination. Termination hereunder, including the determination of the rights and obligations of the parties, shall be governed by the provisions of COMAR 21.07.01.12A(2).

2.2 REQUESTING AGENCY BACKGROUND

The Maryland State Department of Education is a State agency that was established in 1916, and is overseen by The State Board of Education, to provide for the "general care and supervision of public education" in Maryland. The State Department of Education is current made up of 16 Divisions that oversee, develop, and support the delivery of PreK-12 education through 24 county schools systems.

This TORFP request is being issued by the Maryland State Department of Education's Division of Accountability and Assessment (DAA). DAA is responsible for overseeing the collaborative effort of several divisions within MSDE and local school systems to develop, administer, score and report key student assessments. DAA also (1) produces the Maryland School Performance Program's Annual Report Card that provides accountability

performance information for the state, LEAs, and schools, and (2) maintains the Education Data Warehouse containing data from local school systems that the annual report card is produced from.

2.3 ROLES, ASSIGNMENTS, AND RESPONSIBILITIES

The role of the Oracle Database and Applications Administrator is to work as part of the MLDS project development team throughout the data warehouse development lifecycle to: (1) install, upgrade, patch, and manage the Educational Data Warehouse's Oracle database and associated software and processes, (2) monitor the database, associated software and processes, and the system's performance, (3) assist in the design and implementation of new data structures, utilities, application processes, and management processes for the Educational Data Warehouse, and (4) help install, setup, patch, and manage other applications that support or use the Educational data Warehouse.

The functional areas associated with this position in the CATS II Master Contract include:

- **Functional Area Two – Web and Internet Systems**

A) Description – A broad range of business solutions and support using the capabilities of the web and Internet; design, develop, test, implement and maintain web sites, portals, web applications and web services and the associated hardware, software, network and security components that comprise these solutions.

Typical CATS II labor categories and qualifications that will meet the requirements of this position include:

- #13 – Computer Systems Programmer

The general description of this position is as follows:

“Duties: Create and/or maintain operating systems, communications software, database packages, compilers, repositories, and utility and assembler programs. Modify existing software and develop special-purpose software to ensure efficiency and integrity between systems and applications.

Education: A Bachelor's Degree from an accredited college or university with a major in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline or three (3) years of equivalent experience in a related field. A Master's Degree is preferred. A Master's Degree in one of the above disciplines equals one year specialized and two years general experience.

General Experience: Must have five (5) years of computer experience in information systems design.

Specialized Experience: At least three (3) years of experience in IT systems analysis and programming.”

Labor category information provided above is for guidance to provide the TO Contractor in preparing a response to this TORFP. Any submission must specially meet the skills requirements outlined in this TORFP in Sections 2.3.3 and 2.5.

2.3.2 MANAGING WORK ASSIGNMENTS

The development method for this project will be a blend of SLDC and Agile methodologies with work assignments following the work tasks outlined in the MLDS Master Project Plan and detail project plans for each specific project. Work assignments will be reviewed and adjusted on a daily basis by team leads and/or the MLDS Project Manager.

2.3.3 RESPONSIBILITIES

The responsibilities of the Oracle Database and Applications Administrator are listed in Table 2.3.3-1.

Table 2.3.3-1 Educational Data Warehouse Oracle Database and Applications Administrator	
SDLC Phase	Responsibilities
Requirements 1.4.1.1	Review and document: staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.
Requirements 1.4.1.1	Assist in the preparation of the Component Impact Summary for the eleven data domains identifying areas for improvement or change in the areas of: data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.
Design 1.4.1.2	Participate with the MLDS team to analyze and propose new or changes to: staging data structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.
Design 1.4.1.2	Assist in the preparation of the Design Change Impact analysis summary for each data domain, for the proposed changes to that domain, for: staging data structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.
Development Planning 1.4.1.3	Assist in the preparation of development and conversion strategies, and documentation, for modifying or creating new: staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.
Development 1.4.1.4	Define, prepare, develop, and document modifying and/or creating new data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.
Conversion 1.4.1.4.3	Define, prepare, develop, and document conversion routines for modifying and/or creating new: data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.
Test Planning 1.4.1.4.4	Create test plan cases and documentation for modified and/or new : data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.
Testing 1.4.1.4.4	Assist in testing change cases, and preparing test results for modified and/or new data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.
Implementation 1.4.1.4.5	Assist in preparing conversion schedules, cut-over procedures, and cut-over component checklists for implantation of new or changed; staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.

Implementation 1.4.1.4.5	Assist in conversion and cut-over procedures to implement changes to; data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse. Assist in the quality assurance activities to verify successful conversion before system goes live.
Production 1.5	Assist in the (1) installation, upgrading, patching, and managing the Educational Data Warehouse's Oracle database and associated software and processes, (2) monitor the database, associated software and processes, and the system's performance, and (4) help install, setup, patch, and manage other applications that support or use the Educational data Warehouse.

2.4 SYSTEM ENVIRONMENT

The Educational Data Warehouse (EDW) system is a distributed, multi-tier system. Several Oracle databases are hosted in a multi-server Dell environment. Educational data is inserted into the Oracle databases via Informatica ELT programs. Reports and data analysis is performed using COGNOS C8 BI, and SAS 10. Table 2.4 lists the current EDW components.

Table 2.4 EDW Components	
EDW Components	Component Description
Hardware Platforms	Dell R900 – 64 Bit
Operating System(s)	Windows 2008 Windows 2003
Databases	Oracle 10g/11g SQL Server 2008
Middleware/Webserver	Oracle OAS MS IIS 7 Apache Server
ETL system	Informatica 8.5/8.6
Analytics/Reporting Tools	COGNOS C8 BI 8.4 SAS 10
Storage	Dell/EMC SAN
Network	TCP/IP
Development tools	Erwin Data Modeler SQL PL/SQL Toad or SQL Developer Oracle Designer Java HTML APEX HP Load Runner

2.5 REQUIREMENTS

2.5.1 General Skills

- Education - BS or MS in computer science or information systems.
- Verifiable Training/Certifications in:
 - Oracle Database Administrator I, II, RAC, Oracle Application Server, Oracle Warehouse Builder
 - Data modeling for highly conformed data marts, relational operational data stores, and star-schemas. Knowledge of Kimball, Hybrid, and Inmon approaches to data warehouses design
 - Basic Informatica 8.x system administration
 - Basic IIS web server and Windows OS administration
- General Work Experience: Minimum of 6 years performing OS system, database administration and tuning, and supporting data warehouse development teams using Oracle database in a Windows environment.
- General Industry Experience: K-12 or Higher Education industry preferred.
- Communication Skills: Fluent in speaking and writing English. Minimum of 6 years verifiable experience working with end-users in defining and preparing detail specifications for data warehouses, ETL programs, and quality routines.

2.5.2 Professional Skills and Experience

Table 2.5.2-1			
Educational Data Warehouse Oracle Database and Applications Administrator			
SDLC/WBS#	Required Skills Requirements to Perform Responsibilities	Responsibilities	Deliverable ID# From Section 2.6.2 Below
Requirements 1.4.1.1	<p>Four or more years experience with ability to evaluate database server hardware</p> <p>Four or more years experience with ability to install/upgrade/migrate Oracle Database software</p> <p>Four or more years experience with ability to plan a database with Four or more years experience with ability to read ERD and dimensional models and translate into table structures, keys, indexes</p> <p>Four or more years experience with ability to read and write SQL and PL/SQL code</p> <p>Four or more years experience with ability to use TOAD or SQL Developer to access Oracle databases and view tables structures Ability to use Enterprise Manager to monitor system performance</p> <p>Four or more years experience with ability to write batch programs and use the alerts and scheduler features of Enterprise Manager to create automatic monitoring and management processes</p>	<p>Review and document: staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p>	1.4.1.1.-1 Operations & Maintenance Best Practices recommendations

Table 2.5.2-1

Educational Data Warehouse Oracle Database and Applications Administrator

SDLC/WBS#	Required Skills Requirements to Perform Responsibilities	Responsibilities	Deliverable ID# From Section 2.6.2 Below
	<p>Four or more years experience with ability open, close, copy, import and export databases.</p> <p>Four or more years experience with ability to identify and tune both OS and Oracle SAG</p> <p>Four or more years experience with ability to Backup and recover the database</p> <p>Four or more years experience with ability to setup and perform snapshots and replication</p> <p>Four or more years experience with ability to setup and manage RAC</p> <p>Four or more years experience with ability to enroll users and applications</p> <p>Four or more years experience with ability to setup integration and security between IIS web servers, OAS, Portal, COGNOS, Informatica and SAS that integrates with Oracle database</p> <p>Manage and monitor LOGS</p>		
Requirements 1.4.1.1	<p>Four or more years experience with ability to tools and use XML definitions to create data structure</p> <p>Four or more years experience with ability to use ERWIN to create structures, and perform reverse engineering on existing data structures.</p> <p>Four or more years experience with ability to evaluate database server hardware</p> <p>Four or more years experience with ability to install/upgrade/migrate Oracle Database software</p> <p>Four or more years experience with ability to plan a database with ability to read ERD and dimensional models and translate into table structures, keys, indexes</p> <p>Four or more years experience with ability to read and write SQL and PL/SQL code</p> <p>Four or more years experience with ability to use TOAD or SQL Developer to access Oracle databases and view tables structures</p> <p>Ability to use Enterprise Manager to monitor system performance</p> <p>Four or more years experience with ability to</p>	<p>Assist in the preparation of the Component Impact Summary for the eleven data domains identifying areas for improvement or change in a the areas of: data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p>	<p>1.4.1.1-3 Component Impact Summary</p> <p>1.4.1.1-2 Gap Analysis Document with MLDS Architecture and database changes</p>

Table 2.5.2-1

Educational Data Warehouse Oracle Database and Applications Administrator

SDLC/WBS#	Required Skills Requirements to Perform Responsibilities	Responsibilities	Deliverable ID# From Section 2.6.2 Below
	<p>write batch programs and use the alerts and scheduler features of Enterprise Manager to create automatic monitoring and management processes</p> <p>Four or more years experience with ability open, close, copy, import and export databases.</p> <p>Four or more years experience with ability to identify and tune both OS and Oracle SAG</p> <p>Four or more years experience with ability to Backup and recover the database</p> <p>Four or more years experience with ability to setup and perform snapshots and replication</p> <p>Four or more years experience with ability to setup and manage RAC</p> <p>Four or more years experience with ability to enroll users and applications</p> <p>Four or more years experience with ability to setup integration and security between IIS web servers, OAS, Portal, COGNOS, Informatica and SAS that integrates with Oracle database</p> <p>Manage and monitor LOGS</p>		
<p>Design Analysis 1.4.1.2</p>	<p>Ability to use MS Word with 4 years experience in preparing functional requirements specifications.</p>	<p>Participate with the MLDS team to analyze and propose new or changes to: staging data structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p>	<p>1.4.1.1-4 Change Impact Analysis that lists EDW components that will require changes including staging data structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p>

<p>Design 1.4.1.2</p>	<p>Four or more years using ERWIN to generate data structures or reverse engineering data structures in ERDs</p> <p>Four or more years experience with ability to evaluate database server hardware</p> <p>Four or more years experience with ability to install/upgrade/migrate Oracle Database software</p> <p>Four or more years experience with ability to plan a database with Four or more years experience with ability to read ERD and dimensional models and translate into table structures, keys, indexes</p> <p>Four or more years experience with ability to read and write SQL and PL/SQL code</p> <p>Four or more years experience with ability to use TOAD or SQL Developer to access Oracle databases and view tables structures Ability to use Enterprise Manager to monitor system performance</p> <p>Four or more years experience with ability to write batch programs and use the alerts and scheduler features of Enterprise Manager to create automatic monitoring and management processes</p> <p>Four or more years experience with ability open, close, copy, import and export databases.</p> <p>Four or more years experience with ability to identify and tune both OS and Oracle SAG</p> <p>Four or more years experience with ability to Backup and recover the database</p> <p>Four or more years experience with ability to setup and perform snapshots and replication</p> <p>Four or more years experience with ability to setup and manage RAC</p> <p>Four or more years experience with ability to enroll users and applications</p> <p>Four or more years experience with ability to setup integration and security between IIS web servers, OAS, Portal, COGNOS, Informatica and SAS that integrates with Oracle database</p> <p>Manage and monitor LOGS</p>	<p>Assist in the preparation of the Design Change Impact analysis summary for each data domain, for the proposed changes to that domain, for: staging data structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p>	<p>1.4.1.2-5 MLDS High Level Architecture Document</p> <p>1.4.1.2-6 MLDS Administrators Manual TOC draft</p> <p>1.4.1.2-7 High Level Process & Utilities Administration Requirements Detail Design Specifications for changes for each data domain to be changed</p>
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<p>Development Planning 1.4.1.3</p>	<p>Ability to use MS Word with 4 years experience in preparing functional requirements and detail design specifications for data base designs</p>	<p>Assist in the preparation of development and conversion strategies, and documentation, for modifying or creating new: staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p>	<p>1.4.1.3-8 Development Rollout Strategy</p> <p>1.4.1.3-9 Conversion Strategy</p>
<p>Development 1.4.1.4</p>	<p>Four or more years experience with ability to evaluate database server hardware</p> <p>Four or more years experience with ability to install/upgrade/migrate Oracle Database software</p> <p>Four or more years experience with ability to plan a database with Four or more years experience with ability to read ERD and dimensional models and translate into table structures, keys, indexes</p> <p>Four or more years experience with ability to read and write SQL and PL/SQL code</p> <p>Four or more years experience with ability to use TOAD or SQL Developer to access Oracle databases and view tables structures Ability to use Enterprise Manager to monitor system performance</p> <p>Four or more years experience with ability to write batch programs and use the alerts and scheduler features of Enterprise Manager to create automatic monitoring and management processes</p> <p>Four or more years experience with ability open, close, copy, import and export databases.</p>	<p>Define, prepare, develop, and document modifying and/or creating new data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p>	<p>1.4.1.4-10 MLDS Arch. Doc for development changes for each data domain to be changed</p> <p>1.4.1.4-11 MLDS Administrators Draft Manual that documents all changes to the database systems and associated processes, and applications.</p>

	<p>Four or more years experience with ability to identify and tune both OS and Oracle SAG</p> <p>Four or more years experience with ability to Backup and recover the database</p> <p>Four or more years experience with ability to setup and perform snapshots and replication</p> <p>Four or more years experience with ability to setup and manage RAC</p> <p>Four or more years experience with ability to enroll users and applications</p> <p>Four or more years experience with ability to setup integration and security between IIS web servers, OAS, Portal, COGNOS, Informatica and SAS that integrates with Oracle database</p> <p>Manage and monitor LOGS</p>		
Conversion 1.4.1.4.3	<p>Four or more years in supporting the modification of existing data warehouses redevelopment efforts where production system where changed</p> <p>Four or more years experience with ability to evaluate database server hardware</p> <p>Four or more years experience with ability to install/upgrade/migrate Oracle Database software</p> <p>Four or more years experience with ability to plan a database with Four or more years experience with ability to read ERD and dimensional models and translate into table structures, keys, indexes</p> <p>Four or more years experience with ability to read and write SQL and PL/SQL code</p> <p>Four or more years experience with ability to use TOAD or SQL Developer to access Oracle databases and view tables structures Ability to use Enterprise Manager to monitor system performance</p> <p>Four or more years experience with ability to write batch programs and use the alerts and scheduler features of Enterprise Manager to create automatic monitoring and management processes</p> <p>Four or more years experience with ability open, close, copy, import and export databases.</p> <p>Four or more years experience with ability to identify and tune both OS and Oracle SAG</p>	<p>Define, prepare, develop, and document conversion routines for modifying and/or creating new: data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p>	<p>1.4.1.4.3-12 Conversion Scripts and procedures</p>

	<p>Four or more years experience with ability to Backup and recover the database</p> <p>Four or more years experience with ability to setup and perform snapshots and replication</p> <p>Four or more years experience with ability to setup and manage RAC</p> <p>Four or more years experience with ability to enroll users and applications</p> <p>Four or more years experience with ability to setup integration and security between IIS web servers, OAS, Portal, COGNOS, Informatica and SAS that integrates with Oracle database</p> <p>Manage and monitor LOGS</p>		
Test Planning 1.4.1.4.4	Four years experience in defining test case scenarios, and performing manually executed unit testing.	Create test plan cases and documentation for modified and/or new : data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.	1.4.1.4.4-13 Test Case Definitions
Testing 1.4.1.4.4	Four years experience in performing manually executed unit testing. Experience using Load runner to perform testing desirable.	Assist in testing change cases, and preparing test results for modified and/or new data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning	1.4.1.4.4-14 Test Results with Change Request Attachments

		needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.	
Implementation Planning 1.4.1.4.5	<p>Four or more years experience with ability to evaluate database server hardware</p> <p>Four or more years experience with ability to install/upgrade/migrate Oracle Database software</p> <p>Four or more years experience with ability to plan a database with Four or more years experience with ability to read ERD and dimensional models and translate into table structures, keys, indexes</p> <p>Four or more years experience with ability to read and write SQL and PL/SQL code</p> <p>Four or more years experience with ability to use TOAD or SQL Developer to access Oracle databases and view tables structures</p> <p>Ability to use Enterprise Manager to monitor system performance</p> <p>Four or more years experience with ability to write batch programs and use the alerts and scheduler features of Enterprise Manager to create automatic monitoring and management processes</p> <p>Four or more years experience with ability open, close, copy, import and export databases.</p> <p>Four or more years experience with ability to identify and tune both OS and Oracle SAG</p> <p>Four or more years experience with ability to Backup and recover the database</p> <p>Four or more years experience with ability to setup and perform snapshots and replication</p> <p>Four or more years experience with ability to setup and manage RAC</p> <p>Four or more years experience with ability to enroll users and applications</p> <p>Four or more years experience with ability to setup integration and security between IIS web servers, OAS, Portal, COGNOS, Informatica and SAS that integrates with Oracle database</p> <p>Manage and monitor LOGS</p>	<p>Assist in preparing conversion schedules, cut-over procedures, and cut-over component checklists for implantation of new or changed; staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p>	<p>1.4.1.4.5-15 Conversion Schedule Cut-Over Procedures Cut- Over Checklist</p>

<p>Implementation 1.4.1.4.5</p>	<p>Four or more years in supporting the modification of existing data warehouses redevelopment efforts where production system where changed</p> <p>Four or more years experience with ability to evaluate database server hardware</p> <p>Four or more years experience with ability to install/upgrade/migrate Oracle Database software</p> <p>Four or more years experience with ability to plan a database with Four or more years experience with ability to read ERD and dimensional models and translate into table structures, keys, indexes</p> <p>Four or more years experience with ability to read and write SQL and PL/SQL code</p> <p>Four or more years experience with ability to use TOAD or SQL Developer to access Oracle databases and view tables structures</p> <p>Ability to use Enterprise Manager to monitor system performance</p> <p>Four or more years experience with ability to write batch programs and use the alerts and scheduler features of Enterprise Manager to create automatic monitoring and management processes</p> <p>Four or more years experience with ability open, close, copy, import and export databases.</p> <p>Four or more years experience with ability to identify and tune both OS and Oracle SAG</p> <p>Four or more years experience with ability to Backup and recover the database</p> <p>Four or more years experience with ability to setup and perform snapshots and replication</p> <p>Four or more years experience with ability to setup and manage RAC</p> <p>Four or more years experience with ability to enroll users and applications</p> <p>Four or more years experience with ability to setup integration and security between IIS web servers, OAS, Portal, COGNOS, Informatica and SAS that integrates with Oracle database</p> <p>Manage and monitor LOGS</p>	<p>Assist in conversion and cut-over procedures to implement changes to; data staging structures, star-schemas, data sources, ETLs, storage needs, security, integration with other applications, metadata, materialized views, keys, indexes, batch programs, upgrades, monitoring, performance tuning needs, backup and recovery, disaster recovery, and alerts of the educational data warehouse.</p> <p>Assist in the quality assurance activities to verify successful conversion before system goes live.</p>	<p>1.4.1.4.5-16</p> <p>Manage Operations and Change Log</p> <p>Backups and Restores after each successful or failed system update.</p>
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<p>Production 1.5</p>	<p>Four or more years experience with ability to evaluate database server hardware</p> <p>Four or more years experience with ability to install/upgrade/migrate Oracle Database software</p> <p>Four or more years experience with ability to plan a database with Four or more years experience with ability to read ERD and dimensional models and translate into table structures, keys, indexes</p> <p>Four or more years experience with ability to read and write SQL and PL/SQL code</p> <p>Four or more years experience with ability to use TOAD or SQL Developer to access Oracle databases and view tables structures Ability to use Enterprise Manager to monitor system performance</p> <p>Four or more years experience with ability to write batch programs and use the alerts and scheduler features of Enterprise Manager to create automatic monitoring and management processes</p> <p>Four or more years experience with ability open, close, copy, import and export databases.</p> <p>Four or more years experience with ability to identify and tune both OS and Oracle SAG</p> <p>Four or more years experience with ability to Backup and recover the database</p> <p>Four or more years experience with ability to setup and perform snapshots and replication</p> <p>Four or more years experience with ability to setup and manage RAC</p> <p>Four or more years experience with ability to enroll users and applications</p> <p>Four or more years experience with ability to setup integration and security between IIS web servers, OAS, Portal, COGNOS, Informatica and SAS that integrates with Oracle database</p> <p>Manage and monitor LOGS</p>	<p>Assist in the (1) installation, upgrading, patching, and managing the Educational Data Warehouse's Oracle database and associated software and processes, (2) monitor the database, associated software and processes, and the system's performance, and (4) help install, setup, patch, and manage other applications that support or use the Educational data Warehouse.</p>	<p>1.4.1.4.5-16 Maintain Production Logs</p>
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2.5.3 Work Hours

- (A) The TO Contractor's assigned personnel will work an eight-hour day (specific hours to be approved by the TO Manager), Monday through Friday except for State holidays. The TO Contractor personnel shall be available via phone and/or email or in person if requested to receive and respond to requests and/or feedback during normal business hours.
- (B) For purposes of estimating, assume that each individual would perform 2080 hours of work over the course of one year. Please note that hours listed is an estimated only and shall not be construed as actual billable hours. Contractor personnel are not to exceed 40 hours per week, unless authorized in writing in advance by the TO Manager. In no instance will compensation be given for overtime hours. In any instance of approved weekly hours in excess of 40 hours per week, hours worked over 40 hours will be reduced in a future week.
- (C) Requests for leave should be submitted to the Task Order Manager at least two weeks in advance. The Task Order Manager reserves the right to request a temporary replacement of an individual of equal qualifications if leave extends longer than one consecutive week. In cases where there is insufficient coverage, leave may be denied.

2.5.3 Service Level Agreement

- (A) The TO Contractor shall provide experienced, certified Oracle Administrator professional to work with and under the direction of MSDE' MLDS Task Order Manager on tasks described in the MLDS project plan.
- (B) The TO Contractor staff assigned to the TO shall work on site at 200 Baltimore Ave.
- (C) The TO Contractor staff assigned to the TO shall adhere to MSDE policies regarding the use of telephone, internet, email and Human Resources Employment Policies.
- (D) MSDE will provide an on-site desktop with associated software tools for the TO Contractor to perform the tasks assigned.
- (E) The TO Contractor's personnel shall provide weekly, monthly and upon request, reports on the status of all active assignments, and hours worked, to include work accomplished and work planned, as described in the MLDS Project Work Plan.
- (F) MSDE's internal policies governing change management, documentation, maintenance, privacy and security, testing, training, disaster recovery, and data management will apply to all work under this TO. TO Contractor staff assigned to the TO shall adhere to these policies as directed by MSDE Management.

2.5.4 Performance Evaluation

TO Contractor personnel will be evaluated by the TO Manager as needed or on a weekly basis for each assignment performed during the initial two week period. The TO Contractor personnel must maintain a "Meets Expectation" in each category of the performance evaluation (i.e., Work Quality, Work Quantity, Working Relationships, Work Habits, and Performance Management Rating). If the TO Manager has determined there are issues with the work performance of the TO Contractor personnel, the TO Manager will notify both the TO Contractor and the TO Contractor personnel by email, identifying the issue and the expected action(s) to correct the issue. Performance issues identified by the agency are subject to the mitigation process described in Section 2.5.5 below.

2.5.5 Performance Problem Mitigation

In the event the agency is not satisfied with the performance of TO Contractor personnel, the mitigation process is as follows. The TO Manager will notify the TO Contractor in writing describing the problem and delineating remediation requirements. The TO Contractor will have one business days to respond with a written remediation plan. The plan will be implemented immediately upon acceptance by the TO Manager. Should performance issues persist, the TO Manager may give written notice or request immediate removal of the individual whose performance is at issue. The TO Manager will determine the amount of time the TO Contractor has to provide a replacement.

2.5.6 Substitution of Personnel

The substitution of personnel procedures is as follows. The TO Contractor may not substitute personnel without the prior approval of the agency. To replace any personnel, the TO Contractor shall submit expeditiously resumes of the proposed personnel specifying their intended approved labor category. All proposed substitute personnel shall have qualifications equal to or better than those of the replaced personnel and must be approved by the TO Manager. The TO Manager shall have the option to interview the proposed substitute personnel. After the interview, the TO Manager shall notify the TO Contractor of acceptance or denial of the requested substitution.

2.5.7 Project Data Management

All data related to the project and to MSDE's operations are confidential and man not be shared with anyone outside the MLDS project team. To ensure the safety of MSDE documents, TO Contractor Personnel are required to save and store all project information, files and data on the designated MLDS share drive and folder, such as but not limited to Project Plans, Work Breakdown Structures, monthly status reports, weekly status reports, meeting minutes, requirements, documentation, and all other written documents relating to any assigned project or work.

2.6 DELIVERABLES

2.6.1 DELIVERABLE SUBMISSION PROCESS

For each written deliverable, draft and final, the TO Contractor shall submit to the TO Manager one hard copy and one electronic copy using the appropriate project designated too including ERWIN, Microsoft Office 2007, Microsoft Project 2007 and/or Microsoft Visio 2007.

Drafts of all final deliverables are required per the project schedule. Written deliverables draft documents must demonstrate due diligence in meeting the scope and requirements of the associated final written deliverable. A draft written deliverable may contain limited structural errors such as poor grammar, misspellings or incorrect punctuation, but must:

- A) Be presented in a format appropriate for the subject matter and depth of discussion.
- B) Be organized in a manner that presents a logical flow of the deliverable's content.
- C) Represent factual information reasonably expected to have been known at the time of submittal.
- D) Present information that is relevant to the Section of the deliverable being discussed.
- E) Represent a significant level of completeness towards the associated final written deliverable that supports a concise final deliverable acceptance process.

Upon completion of a deliverable, the TO Contractor shall document each deliverable in final form to the TO Manager for acceptance. The TO Contractor shall memorialize document delivery by using the MLDS project’s portal MLDS Document Index and checking in the final document. The TO Manager shall acknowledge receipt of deliverable(s) by initialing the MLDS Document Index. Upon receipt of a final deliverable, the TO Manager shall commence a review of the deliverable as required to validate the completeness and quality in meeting requirements. In the event of rejection, the TO Contractor shall correct the identified deficiencies or non-conformities.

A written deliverable defined as a final document must satisfy the scope and requirements of this TORFP for that deliverable. Final written deliverables shall not contain structural errors such as poor grammar, misspellings or incorrect punctuation, and must:

- A) Be presented in a format appropriate for the subject matter and depth of discussion.
- B) Be organized in a manner that presents a logical flow of the deliverable’s content.
- C) Represent factual information reasonably expected to have been known at the time of submittal.
- D) Present information that is relevant to the Section of the deliverable being discussed.

The minimal State required deliverables for this project are defined below. Additional deliverable may be found in the MLDS Project Plan. Within each task, the TO Contractor may suggest other subtasks or deliverables to improve the quality and success of the project.

2.6.2 DELIVERABLE DESCRIPTIONS / ACCEPTANCE CRITERIA

Deliverable ID#	Deliverable Description	Acceptance Criteria
1.4.1.1-1	Operations 7 Maintenance Best Practice Recommendations	Based on completeness of models, analysis, and accuracy of documented solution, and clarity of writing
1.4.1.1-2	Gap Analysis Document with MLDS Architecture database Changes	Based on completeness of models, analysis, and accuracy of documented solution, and clarity of writing.
1.4.1.1-3	Component Impact Summary	
1.4.1.1-4	Change Impact Analysis that lists EDW components that will require changes including data structures, reports, statistical analyses, ETLs, data quality routines, data collection routines	Based on completeness of models, detail and accuracy of documented analysis, solution, and clarity of writing.
1.4.1.2-5	MLDS High Level Architecture	Correctness of models structures in conforming to ERD and dimensional modeling rules.
1.4.1.2-6	MLDS Administrators Manual TOC Draft	
1.4.1.2-7	High Level Process & Utilities Admin Requirements/Detail Design Specification	
1.4.1.3-8	Development Rollout strategy	Based on completeness and accuracy of documented solution, and clarity of writing.
1.4.1.3-9	Conversion Strategy	

1.4.1.4-10	MLDS Architecture Document <ul style="list-style-type: none"> • Star schema designs • Table definitions • ETL programs • Data lineage mappings • Data Quality routines • Conversion routines • Index recommendations • Surrogate key definitions 	Based on completeness and accuracy of documented solution, and clarity of writing.
1.4.1.4-11	MLDS Administrators Manual Draft	
1.4.1.4.3-12	Conversion Scripts and Procedures	Based on completeness and accuracy of documented solution, correctness of BI design solution relative to known KPI and dashboard design principles, and clarity of writing.
1.4.1.4.4-13	Test Case Definitions	Based on completeness and accuracy of documented solution, and clarity of writing.
1.4.1.4.4-14	Test Results Change Requests	Based on completeness and accuracy of documented testing activity, and clarity of writing.
1.4.1.4.5-15	Conversion Schedule Cut-Over Procedures Cut- Over Checklist	Based on completeness and accuracy of documented solution, and clarity of writing.
1.4.1.4.5-16	Operations Logs	
PM-1	Weekly Status Reports	Documents work accomplished, issues, and work in progress.
PM-2	Meetings	TO Contractor is expected to attend all project planning and review meetings as scheduled on the MLDS Project Calendar.

2.7 REQUIRED PROJECT POLICIES, GUIDELINES AND METHODOLOGIES

The TO Contractor shall be required to comply with all applicable laws, regulations, policies, standards and guidelines affecting information technology projects, which may be created or changed periodically. The TO Contractor shall adhere to and remain abreast of current, new, and revised laws, regulations, policies, standards and guidelines affecting project execution. The following policies, guidelines and methodologies can be found at <http://doit.maryland.gov/policies/Pages/ContractPolicies.aspx> under “Policies and Guidance.” These may include, but are not limited to:

- The State’s System Development Life Cycle (SDLC) methodology
- The State Information Technology Security Policy and Standards
- The State Information Technology Project Oversight
- The State of Maryland Enterprise Architecture
- The TO Contractor shall follow Oracle, Informatica, COGNOS, ERWIN, Kimball, and Inmon best practices in data warehouse, BI KPI, and dashboard design, development, and operation. TO Contractor’s staff and sub-contractors are to follow a consistent methodology for all TO activities.

2.8 CONTRACTOR PERSONNEL MINIMUM EXPERTISE REQUIRED

The following minimum qualifications are mandatory. The Master Contractor's staff must demonstrate expertise in the following:

- Data warehousing design and development knowledge
- Informatica 8.x
- Oracle 9i or greater Administration
- Oracle RAC, OAS, Portal
- COGNOS
- Window 2008 OS
- Erwin
- SQL and PL/SQL programming
- ERD and dimensional data modeling techniques
- Knowledge of SAN data architectures for Oracle database partitioned and not partitioned.

2.9 INVOICING

Invoicing will be for TO Contractor's time. Payments will only be made after TO Manager's approved of the TO Contractor's invoice. Invoices must include copies of the TO Contractor's timesheet and daily Outlook Calendar that identifies the daily work tasks and deliverables completed for the invoice period.

Invoice payments to the TO Contractor shall be governed by the terms and conditions defined in the CATS II Master Contract. Proper invoices for payment shall contain the TO Contractor's Federal Tax Identification Number, as well as the information described below, and must be submitted to the TO Manager for payment approval.

The TO Contractor shall submit invoices for payment on or before the 15th day of the month following receipt of the approved notice(s) of acceptance from the TO Manager. A copy of the notice(s) of acceptance shall accompany all invoices submitted for payment.

2.9.1 INVOICE SUBMISSION PROCEDURE

This procedure consists of the following requirements and steps:

- A) A proper invoice shall identify the Maryland State Department of Education as the TO Requesting Agency, deliverable description, associated TOA number, date of invoice, period of performance covered by the invoice, and a TO Contractor point of contact with telephone number.
- B) The TO Contractor shall send the original of each invoice and supporting documentation (itemized billing reference for employees and any subcontractor and signed Acceptance of Deliverable form – Attachment 9, for each deliverable being invoiced) submitted for payment to the Maryland State Department of Education at the following address:

Mrs. Janice Johnson, Branch Chief
Division of Accountability and Assessment
Maryland State Department of Education
200 West Baltimore Street
Baltimore, MD 21201
- C) Invoices for final payment shall be clearly marked as "FINAL" and submitted when all work requirements have been completed and no further charges are to be incurred under the TOA. In no event shall any invoice be submitted later than 60 calendar days from the TOA termination date.

2.10 CHANGE ORDERS

If the TO Contractor is required to perform additional work, or if there is a work reduction due to unforeseen scope changes, the TO Contractor and TO Manager shall negotiate a mutually acceptable price modification based on the TO Contractor's proposed rates in the Master Contract and SOW change. No Statement of Work (SOW) modifications shall be performed until a change order is executed by the TO Procurement Officer.

2.11 TERM OF CONTRACT

The term of this contract shall be for a single consultant, base period of one year with the option to renew for one year.

SECTION 3 - TASK ORDER PROPOSAL FORMAT AND SUBMISSION REQUIREMENTS

3.1 REQUIRED RESPONSE

Each Master Contractor receiving this CATS II TORFP must respond within the submission time designated in the Key Information Summary Sheet. Each Master Contractor is required to submit one of two possible responses: 1) a proposal; or 2) a completed Master Contractor Feedback Form. The feedback form helps the State understand for future contract development why Master Contractors did not submit proposals. The form is accessible via the CATS II Master Contractor login screen and clicking on TORFP Feedback Response Form from the menu.

3.2 FORMAT

If a Master Contractor elects to submit a TO Proposal, the Master Contractor shall do so in conformance with the requirements of this CATS II TORFP. A TO Proposal shall contain the following sections in order:

3.2.1 TECHNICAL PROPOSAL

A) Proposed Services

Executive Summary: A high level overview of the Master Contractor's understanding of the background, purpose, and objectives of the TORFP. The Executive Summary shall summarize the Master Contractor's capabilities and experience, and summarize the proposed methodology and solution for achieving the objectives of the TORFP.

- 1) Proposed Solution: A detailed narrative of the Master Contractor's proposed methodology and solution for completing the requirements and deliverables in Section 2 - Scope of Work. This section should include a comprehensive schedule of tasks and times frames for completing all requirements and deliverables, including any tasks to be performed by State or third party personnel.

B) Proposed Personnel

- 1) Identify and provide resumes for all proposed personnel by labor category. The resume should feature prominently the proposed personnel's skills and experience as they relate to the Master Contractor's proposed solution and Section 2.
- 2) Prepare as summary table mapping each candidates experience showing their ability to meet the role and skill requirements in sections 2.3.3 and 2.5.
- 3) Certification that all proposed personnel meet the minimum required qualifications and possess the required certifications in accordance to Section 2.8.
- 4) Provide the names and titles of the Master Contractor's management staff who will supervise the personnel and quality of services rendered under this TOA.
- 5) Provide 3 references for each personnel proposed that verifies they can perform the tasks outlined in this TORFP.
- 6) Complete and provide, at the interview, Attachment 5 – Labor Classification Personnel Resume Summary.

C) Subcontractors

- 1) Identify all proposed subcontractors, including MBEs, and their roles in the performance of Section 2 - Scope of Work.

D) Master Contractor and Subcontractor Experience and Capabilities

- 2) Provide up to three examples of projects or contracts the Master Contractor has completed that were similar to Section 2 - Scope of Work. Each example must include contact information for the client organization complete with the following:
 - a) Name of organization.
 - b) Point of contact name, title, and telephone number
 - c) Services provided as they relate to Section 2 - Scope of Work.
 - d) Start and end dates for each example project or contract. If the Master Contractor is no longer providing the services, explain why not.
- 3) State of Maryland Experience: If applicable, the Master Contractor shall submit a list of all contracts it currently holds or has held within the past five years with any entity of the State of Maryland. For each identified contract, the Master Contractor shall provide:
 - a) Name of organization.
 - b) Point of contact name, title, and telephone number
 - c) Services provided as they relate to Section 2 - Scope of Work.
 - d) Start and end dates for each example project or contract. If the Master Contractor is no longer providing the services, explain why not.
 - e) Dollar value of the contract.
 - f) Whether the contract was terminated before the original expiration date.
 - g) Whether any renewal options were not exercised.

Note - State of Maryland experience can be included as part of Section E2 above as project or contract experience. State of Maryland experience is neither required nor given more weight in proposal evaluations.

E) Proposed Facility

- 1) Identify Master Contractor's facilities, including address, from which any work will be performed.

F) State Assistance

- 1) Provide an estimate of expectation concerning participation by State personnel.

G) Confidentiality

- 1) A Master Contractor should give specific attention to the identification of those portions of its proposal that it considers confidential, proprietary commercial information or trade secrets, and provide justification why such materials, upon request, should not be disclosed by the State under the Public Information Act, Title 10, Subtitle 6, of the State Government Article of the Annotated Code of Maryland. Contractors are advised that, upon request for this information from a third party, the TO Procurement Officer will be required to make an independent determination regarding whether the information may be disclosed.

3.3 FINANCIAL RESPONSE

- A) A description of any assumptions on which the Master Contractor's Financial Proposal is based (Assumptions shall not constitute conditions, contingencies, or exceptions to the price proposal);
- B) Attachment 1 - Completed Financial Proposal with all rates fully loaded.

SECTION 4 – TASK ORDER AWARD PROCESS

4.1 OVERVIEW

The TO Contractor will be selected from among all eligible Master Contractors within the appropriate functional area responding to the CATS II TORFP. In making the TOA award determination, the TO Requesting Agency will consider all information submitted in accordance with Section 3.

4.2 TECHNICAL PROPOSAL EVALUATION CRITERIA

The following are technical criteria for evaluating a TO Proposal in descending order of importance.

1. Experience on the resume and from the references of the candidates to perform the roles and skills listed in Sections 2.3.3 and 2.5
2. Experience of the candidate to use the tools and technologies listed in Section 2.4

4.3 SELECTION PROCEDURES

- A) TO Proposals will be assessed throughout the evaluation process for compliance with the minimum personnel qualifications and quality of responses of the TORFP. TO Proposals deemed technically qualified will have their financial proposal considered. All others will be deemed not reasonably susceptible to award and will receive e-mail notice from the TO Procurement Officer of not being selected to perform the work.
- B) Qualified TO Proposal financial responses will be reviewed and ranked from lowest to highest price proposed.
- C) The most advantageous TO Proposal offer considering technical and financial submission shall be selected for the work assignment. In making this selection, the technical weight has greater merit.

4.4 COMMENCEMENT OF WORK UNDER A TO AGREEMENT

Commencement of work in response to a TO Agreement shall be initiated only upon issuance of a fully executed TO Agreement, a Non-Disclosure Agreement (To Contractor), a Purchase Order, and by a Notice to Proceed authorized by the TO Procurement Officer. See Attachment 7 - Notice to Proceed (sample).

ATTACHMENT 1 – PRICE PROPOSAL
ORACLE DATABASE AND APPLICATIONS ADMINISTRATOR
PRICE PROPOSAL (TIME AND MATERIALS) FOR CATS II TORFP
#R00B9200095

LABOR CATEGORIES

YEAR 1

Labor Categories that could meet TORFP Requirements for Proposed Resource Functional Areas 2	A	B	C
	Hourly Labor Rate	Maximum Estimated No. of Hours	Total Proposed CATS II TORFP Price
#13 – Computer Systems Programmer		2080	
Total Evaluated Cost	\$		\$

OPTION YEAR 1

Labor Categories that could meet TORFP Requirements for Proposed Resource	A	B	C
	Hourly Labor Rate	Maximum Estimated No. of Hours	Total Proposed CATS II TORFP Price
#13 – Computer Systems Programmer		2080	
Total Evaluated Cost	\$		\$

**ORACLE DATABASE AND APPLICATIONS ADMINISTRATOR
 PRICE PROPOSAL (TIME AND MATERIALS) FOR CATS II TORFP
 #R00B9200095**

PRICE PROPOSAL SUMMARY

PERIOD	AMOUNT
TOTAL YEAR I	\$
TOTAL OPTION YEAR 1	\$
GRAND TOTAL	\$

 Authorized Individual Name

 Company Name

 E-Mail Address

 Telephone Number

 Title

 Company Tax ID #

 Signature

 Date

THE HOURLY LABOR RATE IS THE ACTUAL RATE THE STATE WILL PAY FOR SERVICES AND MUST BE RECORDED IN DOLLARS AND CENTS. THE HOURLY LABOR RATE CANNOT EXCEED THE MASTER CONTRACT RATE, BUT MAY BE LOWER

SUBMIT THIS WITH THE FINANCIAL RESPONSE

ATTACHMENT 2 – TASK ORDER AGREEMENT

CATS II TORFP# **ADPICS PO Number** OF MASTER CONTRACT #060B9800035

This Task Order Agreement (“TO Agreement”) is made this **day** of **Month**, 200**X** by and between **Task Order Contractor (TO Contractor)** and the STATE OF MARYLAND, **TO Requesting Agency**.

IN CONSIDERATION of the mutual premises and the covenants herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Definitions. In this TO Agreement, the following words have the meanings indicated:
 - a. “Agency” means the **TO Requesting Agency**, as identified in the CATS II TORFP # **ADPICS PO**.
 - b. “CATS II TORFP” means the Task Order Request for Proposals # **ADPICS PO**, dated **MONTH DAY, YEAR**, including any addenda.
 - c. “Master Contract” means the CATS II Master Contract between the Maryland Department of Information Technology and **TO Contractor** dated **MONTH DAY, YEAR**.
 - d. “TO Procurement Officer” means **TO Procurement Officer**. The Agency may change the TO Procurement Officer at any time by written notice to the TO Contractor.
 - e. “TO Agreement” means this signed TO Agreement between **TO Requesting Agency** and **TO Contractor**.
 - f. “TO Contractor” means the CATS II Master Contractor awarded this TO Agreement, whose principal business address is _____.
 - g. “TO Manager” means **TO Manager** of the Agency. The Agency may change the TO Manager at any time by written notice to the TO Contractor.
 - h. “TO Proposal - Technical” means the TO Contractor’s technical response to the CATS II TORFP dated **date of TO Proposal – Technical**.
 - i. “TO Proposal – Financial” means the TO Contractor’s financial response to the CATS II TORFP dated **date of TO Proposal - Financial**.
 - j. “TO Proposal” collectively refers to the TO Proposal – Technical and TO Proposal – Financial.
2. Scope of Work
 - 2.1 This TO Agreement incorporates all of the terms and conditions of the Master Contract and shall not in any way amend, conflict with or super-cede the Master Contract.
 - 2.2 The TO Contractor shall, in full satisfaction of the specific requirements of this TO Agreement, provide the services set forth in Section 2 of the CATS II TORFP. These services shall be provided in accordance with the Master Contract, this TO Agreement, and the following Exhibits, which are attached and incorporated herein by reference. If there is any conflict among the Master Contract, this TO Agreement, and these Exhibits, the terms of the Master Contract shall govern. If there is any conflict between this TO Agreement and any of these Exhibits, the following order of precedence shall determine the prevailing provision:
 - a. The TO Agreement,
 - b. Exhibit A – CATS II TORFP
 - c. Exhibit B – TO Proposal-Technical
 - d. Exhibit C – TO Proposal-Financial

2.3 The TO Procurement Officer may, at any time, by written order, make changes in the work within the general scope of the TO Agreement. No other order, statement or conduct of the TO Procurement Officer or any other person shall be treated as a change or entitle the TO Contractor to an equitable adjustment under this Section. Except as otherwise provided in this TO Agreement, if any change under this Section causes an increase or decrease in the TO Contractor's cost of, or the time required for, the performance of any part of the work, whether or not changed by the order, an equitable adjustment in the TO Agreement price shall be made and the TO Agreement modified in writing accordingly. The TO Contractor must assert in writing its right to an adjustment under this Section within thirty (30) days of receipt of written change order and shall include a written statement setting forth the nature and cost of such claim. No claim by the TO Contractor shall be allowed if asserted after final payment under this TO Agreement. Failure to agree to an adjustment under this Section shall be a dispute under the Disputes clause of the Master Contract. Nothing in this Section shall excuse the TO Contractor from proceeding with the TO Agreement as changed.

3. Time for Performance

Unless terminated earlier as provided in the Master Contract, the TO Contractor shall provide the services described in the TO Proposal and in accordance with the CATS II TORFP on receipt of a Notice to Proceed from the TO Manager. The term of this TO Agreement is for a period of _____, commencing on the date of Notice to Proceed and terminating on **Month Day, Year**.

4. Consideration and Payment

4.1 The consideration to be paid the TO Contractor shall be done so in accordance with the CATS II TORFP and shall not exceed \$_____. Any work performed by the TO Contractor in excess of the not-to-exceed ceiling amount of the TO Agreement without the prior written approval of the TO Manager is at the TO Contractor's risk of non-payment.

4.2 Payments to the TO Contractor shall be made as outlined Section 2 of the CATS II TORFP, but no later than thirty (30) days after the Agency's receipt of an invoice for services provided by the TO Contractor, acceptance by the Agency of services provided by the TO Contractor, and pursuant to the conditions outlined in Section 4 of this Agreement.

4.3 Each invoice for services rendered must include the TO Contractor's Federal Tax Identification Number which is _____. Charges for late payment of invoices other than as prescribed by Title 15, Subtitle 1, of the State Finance and Procurement Article, Annotated Code of Maryland, as from time-to-time amended, are prohibited. Invoices must be submitted to the Agency TO Manager unless otherwise specified herein.

4.4 In addition to any other available remedies, if, in the opinion of the TO Procurement Officer, the TO Contractor fails to perform in a satisfactory and timely manner, the TO Procurement Officer may refuse or limit approval of any invoice for payment, and may cause payments to the TO Contractor to be reduced or withheld until such time as the TO Contractor meets performance standards as established by the TO Procurement Officer.

IN WITNESS THEREOF, the parties have executed this TO Agreement as of the date hereinabove set forth.

TO Contractor Name

By: Type or Print TO Contractor POC

Date

Witness: _____

MARYLAND STATE DEPARTMENT OF EDUCATION

By: **insert name**, TO Procurement Officer

Date

Witness: _____

ATTACHMENT 3 – CONFLICT OF INTEREST AFFIDAVIT AND DISCLOSURE

- A) "Conflict of interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the State, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage.
- B) "Person" has the meaning stated in COMAR 21.01.02.01B(64) and includes a bidder, Offeror, Contractor, consultant, or subcontractor or sub-consultant at any tier, and also includes an employee or agent of any of them if the employee or agent has or will have the authority to control or supervise all or a portion of the work for which a bid or offer is made.
- C) The bidder or Offeror warrants that, except as disclosed in §D, below, there are no relevant facts or circumstances now giving rise or which could, in the future, give rise to a conflict of interest.
- D) The following facts or circumstances give rise or could in the future give rise to a conflict of interest (explain in detail—attach additional sheets if necessary):
- E) The bidder or Offeror agrees that if an actual or potential conflict of interest arises after the date of this affidavit, the bidder or Offeror shall immediately make a full disclosure in writing to the procurement officer of all relevant facts and circumstances. This disclosure shall include a description of actions which the bidder or Offeror has taken and proposes to take to avoid, mitigate, or neutralize the actual or potential conflict of interest. If the contract has been awarded and performance of the contract has begun, the Contractor shall continue performance until notified by the procurement officer of any contrary action to be taken.

I DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THIS AFFIDAVIT ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.

Date: _____ By: _____

(Authorized Representative and Affiant)

SUBMIT AS A .PDF FILE WITH TO RESPONSE

ATTACHMENT 4 – LABOR CLASSIFICATION PERSONNEL RESUME SUMMARY

INSTRUCTIONS:

1. Master Contractors must comply with all personnel requirements under the Master Contract RFP 060B9800035.
2. Only labor categories proposed in the Master Contractors Financial Proposal may be proposed under the CATS II TORFP process.
3. For each person proposed in any of the labor categories, complete one Labor Category Personnel Resume Summary to document how the proposed person meets each of the minimum requirements. This summary is required at the time of the interview.

For example: If you propose John Smith, who is your subcontractor, and you believe he meets the requirements of the Group Facilitator, you will complete the top section of the form by entering John Smith's name and the subcontractor's company name. You will then complete the right side of the Group Facilitator form documenting how the individual meets each of the requirements. Where there is a time requirement such as three months experience, you must provide the dates from and to showing an amount of time that equals or exceeds mandatory time requirement; in this case, three months.

4. Each form also includes examples of duties to perform. The proposed person must be able to fulfill those duties.
5. For each subject matter expert, the State will identify the particular area of expertise and the Master Contractor shall provide proof the individual has qualifications within that area of expertise.
6. Additional information may be attached to each Labor Category Personnel Resume Summary that may assist a full and complete understanding of the individual being proposed.

**ATTACHMENT 4 – LABOR CLASSIFICATION PERSONNEL RESUME
SUMMARY (CONTINUED)**

Proposed Individual’s Name/Company:	How does the proposed individual meet each requirement?
LABOR CLASSIFICATION TITLE – (INSERT LABOR CATEGORY NAME)	
Education: (Insert the education description from the CATS II RFP from Section 2.10 for the applicable labor category.)	
Experience: (Insert the experience description from the CATS II RFP from Section 2.10 for the applicable labor category.)	
Duties: (Insert the duties description from the CATS II RFP from Section 2.10 for the applicable labor category.)	

The information provided on this form for this labor class is true and correct to the best of my knowledge:

Contractor’s Contract Administrator:

Signature Date

Proposed Individual:

Signature Date

SUBMIT WITH TECHNICAL PROPOSAL
SIGNATURE REQUIRED AT THE TIME OF THE INTERVIEW

ATTACHMENT 5 – DIRECTIONS

TO THE PRE-TO PROPOSAL CONFERENCE

The Pre-Proposal Conference will be held:

Wednesday, March 24, 2010 @ 9:00 AM

**Maryland State Department of Education
200 West Baltimore Street
Baltimore, MD 21201
8th Floor, Conference Room 6**

From Interstate 95 (Washington, D. C.)

95 to Exit 53 – “Route 395 North/Downtown”. On 395, take exit “Downtown/Inner Harbor”, which is the left lane. Stay in left lane. “Downtown/Inner Harbor” exit becomes Howard Street. Cross Conway, Camden, and Pratt Streets. After Pratt, get in the right lane. Cross Lombard Street, turn right at next light which is Baltimore Street. You can turn right from both lanes, but the left lane of Howard Street puts you into the left lane of Baltimore Street and gives easy access to the parking lot, and directly across from the First Mariners Arena (Formerly the Baltimore Arena).

From Interstate 95 (North of Baltimore—Philadelphia/New York)

95 South to Baltimore. Pass the exits to 695 – Baltimore Beltway. As soon as you pass the 695 exits, get in the right two lanes. Stay to the right and follow signs to 95 South/Ft. McHenry Tunnel. (The left two lanes go to 895 and the “old” Harbor Tunnel.) When you exit the Ft. McHenry tunnel stay on the right and take the first exit – 395/Baltimore/Downtown. On the exit ramp you should begin to move to the left and continue to follow the signs that say “Downtown/Inner Harbor”. Downtown/Inner Harbor” exit becomes Howard Street. Cross Conway, Camden, and Pratt Streets. After Pratt, get in the right lane. Cross Lombard Street, turn right at next light which is Baltimore Street. You can turn right from both lanes, but the left lane of Howard Street puts you into the left lane of Baltimore Street and gives easy access to the parking lot next to the building. MSDE is in the middle of the block, on the left, right next to the parking lot, and directly across from the First Mariners Arena (formerly the Baltimore Arena).

From Annapolis – Route 50

Route 50 West to Route 97 North to Baltimore to exit “695 (Baltimore Beltway) West” to Baltimore. Exit 7B from the Beltway to Baltimore-Washington Parkway “295 North to Baltimore”. Follow directions below for 295 North to Baltimore.

From the Baltimore-Washington Parkway (Route 295)

295 North to Baltimore – all the way into Baltimore City. The name of the road/street changes from BW Parkway to Russell Street to Paca Street. As you come into the city you will pass the site of the new Camden Yards (Oriole Ballpark) on the right, you will cross Pratt Street, Lombard Street, and Redwood Street. At Baltimore Street turn right. Cross Eutaw Street and Howard Street. MSDE is in the middle of the block, on the left, right next to the parking lot, and directly across from the 1st Mariners Arena (Formerly the Baltimore Arena).

ATTACHMENT 6 – NOTICE TO PROCEED

Month Day, Year

TO Contractor Name

TO Contractor Mailing Address

Re: CATS II Task Order Agreement #ADPICS PO

Dear TO Contractor Contact:

This letter is your official Notice to Proceed as of Month Day, Year, for the above-referenced Task Order Agreement. Mr. / Ms. _____ of _____ (Agency Name) will serve as the TO Manager and your contact person on this Task Order. He / She can be reached at telephone _____.

Enclosed is an original, fully executed Task Order Agreement and purchase order.

Sincerely,

TO Procurement Officer

Task Order Procurement Officer

Enclosures (2)

cc: TO Manager

Procurement Liaison Office, Department of Information Technology

Project Management Office, Department of Information Technology

ATTACHMENT 7 – NON-DISCLOSURE AGREEMENT (OFFEROR)

This Non- Disclosure Agreement (the “Agreement”) is made this ___ day of _____ 200_, by and between _____ (hereinafter referred to as "the OFFEROR ") and the State of Maryland (hereinafter referred to as " the State").

OFFEROR warrants and represents that it intends to submit a TO Proposal in response to CATS II TORFP #ADPICS PO for TORFP Project Name. In order for the OFFEROR to submit a TO Proposal, it will be necessary for the State to provide the OFFEROR with access to certain confidential information including, but not limited, to _____. All such information provided by the State shall be considered Confidential Information regardless of the form, format, or media upon which or in which such information is contained or provided, regardless of whether it is oral, written, electronic, or any other form, and regardless of whether the information is marked as “Confidential Information”. As a condition for its receipt and access to the Confidential Information described above, the OFFEROR agrees as follows:

1. OFFEROR will not copy, disclose, publish, release, transfer, disseminate or use for any purpose in any form any Confidential Information received, except in connection with the preparation of its TO Proposal.
2. Each employee or agent of the OFFEROR who receives or has access to the Confidential Information shall execute a copy of this Agreement and the OFFEROR shall provide originals of such executed Agreements to the State. Each employee or agent of the OFFEROR who signs this Agreement shall be subject to the same terms, conditions, requirements and liabilities set forth herein that are applicable to the OFFEROR.
3. OFFEROR shall return the Confidential Information to the State within five business days of the State’s Notice of recommended award. If the OFFEROR does not submit a Proposal, the OFFEROR shall return the Confidential Information to TO Procurement Officer, TO Requesting Agency on or before the due date for Proposals.
4. OFFEROR acknowledges that the disclosure of the Confidential Information may cause irreparable harm to the State and agrees that the State may obtain an injunction to prevent the disclosure, copying, or other impermissible use of the Confidential Information. The State’s rights and remedies hereunder are cumulative and the State expressly reserves any and all rights, remedies, claims and actions that it may have now or in the future to protect the Confidential Information and/or to seek damages for the OFFEROR’S failure to comply with the requirements of this Agreement. The OFFEROR consents to personal jurisdiction in the Maryland State Courts.
5. In the event the State suffers any losses, damages, liabilities, expenses, or costs (including, by way of example only, attorneys’ fees and disbursements) that are attributable, in whole or in part to any failure by the OFFEROR or any employee or agent of the OFFEROR to comply with the requirements of this Agreement, OFFEROR and such employees and agents of OFFEROR shall hold harmless and indemnify the State from and against any such losses, damages, liabilities, expenses, and/or costs.
6. This Agreement shall be governed by the laws of the State of Maryland.
7. OFFEROR acknowledges that pursuant to Section 11-205.1 of the State Finance and Procurement Article of the Annotated Code of Maryland, a person may not willfully make a false or fraudulent statement or representation of a material fact in connection with a procurement contract. Persons making such statements are guilty of a felony and on conviction subject to a fine of not more than \$20,000 and/or imprisonment not exceeding 5 years or both. OFFEROR further acknowledges that this Agreement is a statement made in connection with a procurement contract.
8. The individual signing below warrants and represents that they are fully authorized to bind the OFFEROR to the terms and conditions specified in this Agreement. If signed below by an individual employee or agent of the OFFEROR under Section 2 of this Agreement, such individual acknowledges that a failure to comply with the requirements specified in this Agreement may result in personal liability.

OFFEROR: _____ BY: _____

NAME: _____ TITLE: _____

ADDRESS: _____

SUBMIT AS REQUIRED IN SECTION 1.6 OF THE TORFP

ATTACHMENT 8 – NON-DISCLOSURE AGREEMENT (TO CONTRACTOR)

THIS NON-DISCLOSURE AGREEMENT (“Agreement”) is made as of this ____ day of _____, 200____, by and between the State of Maryland (“the State”), acting by and through its **TO Requesting Agency** (the “Department”), and _____ (“TO Contractor”), a corporation with its principal business office located at _____ and its principal office in Maryland located at _____.

RECITALS

WHEREAS, the TO Contractor has been awarded a Task Order Agreement (the “TO Agreement”) for **TORFP Title TORFP No. ADPICS PO** dated _____, (the “TORFP”) issued under the Consulting and Technical Services procurement issued by the Department, Project Number 060B9800035; and

WHEREAS, in order for the TO Contractor to perform the work required under the TO Agreement, it will be necessary for the State to provide the TO Contractor and the TO Contractor’s employees and agents (collectively the “TO Contractor’s Personnel”) with access to certain confidential information regarding _____ (the “Confidential Information”).

NOW, THEREFORE, in consideration of being given access to the Confidential Information in connection with the TORFP and the TO Agreement, and for other good and valuable consideration, the receipt and sufficiency of which the parties acknowledge, the parties do hereby agree as follows:

1. Confidential Information means any and all information provided by or made available by the State to the TO Contractor in connection with the TO Agreement, regardless of the form, format, or media on or in which the Confidential Information is provided and regardless of whether any such Confidential Information is marked as such. Confidential Information includes, by way of example only, information that the TO Contractor views, takes notes from, copies (if the State agrees in writing to permit copying), possesses or is otherwise provided access to and use of by the State in relation to the TO Agreement.
2. TO Contractor shall not, without the State’s prior written consent, copy, disclose, publish, release, transfer, disseminate, use, or allow access for any purpose or in any form, any Confidential Information provided by the State except for the sole and exclusive purpose of performing under the TO Agreement. TO Contractor shall limit access to the Confidential Information to the TO Contractor’s Personnel who have a demonstrable need to know such Confidential Information in order to perform under the TO Agreement and who have agreed in writing to be bound by the disclosure and use limitations pertaining to the Confidential Information. The names of the TO Contractor’s Personnel are attached hereto and made a part hereof as Exhibit A. Each individual whose name appears on Exhibit A shall execute a copy of this Agreement and thereby be subject to the terms and conditions of this Agreement to the same extent as the TO Contractor. TO Contractor shall update Exhibit A by adding additional names as needed, from time to time.
3. If the TO Contractor intends to disseminate any portion of the Confidential Information to non-employee agents who are assisting in the TO Contractor’s performance of the TORFP or who will otherwise have a role in performing any aspect of the TORFP, the TO Contractor shall first obtain the written consent of the State to any such dissemination. The State may grant, deny, or condition any such consent, as it may deem appropriate in its sole and absolute subjective discretion.
4. TO Contractor hereby agrees to hold the Confidential Information in trust and in strictest confidence, to adopt or establish operating procedures and physical security measures, and to take all other measures necessary to protect the Confidential Information from inadvertent release or disclosure to unauthorized third parties and to prevent all or any portion of the Confidential Information from falling into the public domain or into the possession of persons not bound to maintain the confidentiality of the Confidential Information.
5. TO Contractor shall promptly advise the State in writing if it learns of any unauthorized use, misappropriation, or disclosure of the Confidential Information by any of the TO Contractor’s Personnel or the TO Contractor’s former Personnel. TO Contractor shall, at its own expense, cooperate with the State in seeking injunctive or other equitable relief against any such person(s).
6. TO Contractor shall, at its own expense, return to the Department, all copies of the Confidential Information in its care, custody, control or possession upon request of the Department or on termination of the TO Agreement.
7. A breach of this Agreement by the TO Contractor or by the TO Contractor’s Personnel shall constitute a breach of the TO Agreement between the TO Contractor and the State.

8. TO Contractor acknowledges that any failure by the TO Contractor or the TO Contractor's Personnel to abide by the terms and conditions of use of the Confidential Information may cause irreparable harm to the State and that monetary damages may be inadequate to compensate the State for such breach. Accordingly, the TO Contractor agrees that the State may obtain an injunction to prevent the disclosure, copying or improper use of the Confidential Information. The TO Contractor consents to personal jurisdiction in the Maryland State Courts. The State's rights and remedies hereunder are cumulative and the State expressly reserves any and all rights, remedies, claims and actions that it may have now or in the future to protect the Confidential Information and/or to seek damages from the TO Contractor and the TO Contractor's Personnel for a failure to comply with the requirements of this Agreement. In the event the State suffers any losses, damages, liabilities, expenses, or costs (including, by way of example only, attorneys' fees and disbursements) that are attributable, in whole or in part to any failure by the TO Contractor or any of the TO Contractor's Personnel to comply with the requirements of this Agreement, the TO Contractor shall hold harmless and indemnify the State from and against any such losses, damages, liabilities, expenses, and/or costs.
9. TO Contractor and each of the TO Contractor's Personnel who receive or have access to any Confidential Information shall execute a copy of an agreement substantially similar to this Agreement and the TO Contractor shall provide originals of such executed Agreements to the State.
10. The parties further agree that:
 - a. This Agreement shall be governed by the laws of the State of Maryland;
 - b. The rights and obligations of the TO Contractor under this Agreement may not be assigned or delegated, by operation of law or otherwise, without the prior written consent of the State;
 - c. The State makes no representations or warranties as to the accuracy or completeness of any Confidential Information;
 - d. The invalidity or unenforceability of any provision of this Agreement shall not affect the validity or enforceability of any other provision of this Agreement;
 - e. Signatures exchanged by facsimile are effective for all purposes hereunder to the same extent as original signatures; and
 - f. The Recitals are not merely prefatory but are an integral part hereof.

TO Contractor/TO Contractor's Personnel:

TO Requesting Agency:

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

SUBMIT AS REQUIRED IN SECTION 1.6 OF THE TORFP

ATTACHMENT 9 – TO CONTRACTOR SELF-REPORTING CHECKLIST

The purpose of this checklist is for CATS II Master Contractors to self-report on adherence to procedures for task orders (TO) awarded under the CATS II master contract. Requirements for TO management can be found in the CATS II master contract RFP and at the TORFP level. The Master Contractor is requested to complete and return this form by the **Checklist Due Date** below. Master Contractors may attach supporting documentation as needed. Please send the completed checklist and direct any related questions to contractoversight@doit.state.md.us with the TO number in the subject line.

Master Contractor:	
Master Contractor Contact / Phone:	
Procuring State Agency Name:	
TO Title:	
TO Number:	
TO Type (Fixed Price, T&M, or Both):	
Checklist Issue Date:	
Checklist Due Date:	
Section 1 – Task Orders with Invoices Linked to Deliverables	
<p>A) Was the original TORFP (Task Order Request for Proposals) structured to link invoice payments to distinct deliverables with specific acceptance criteria? Yes <input type="checkbox"/> No <input type="checkbox"/> (If no, skip to Section 2.)</p>	
<p>B) Do TO invoices match corresponding deliverable prices shown in the accepted Financial Proposal? Yes <input type="checkbox"/> No <input type="checkbox"/> (If no, explain why) _____</p>	
<p>C) Is the deliverable acceptance process being adhered to as defined in the TORFP? Yes <input type="checkbox"/> No <input type="checkbox"/> (If no, explain why) _____</p>	
Section 2 – Task Orders with Invoices Linked to Time, Labor Rates and Materials	
<p>A) If the TO involves material costs, are material costs passed to the agency without markup by the Master Contractor? Yes <input type="checkbox"/> No <input type="checkbox"/> (If no, explain why) _____</p>	
<p>B) Are labor rates the same or less than the rates proposed in the accepted Financial Proposal? Yes <input type="checkbox"/> No <input type="checkbox"/> (If no, explain why) _____</p>	
<p>C) Is the Master Contractor providing timesheets or other appropriate documentation to support invoices? Yes <input type="checkbox"/> No <input type="checkbox"/> (If no, explain why) _____</p>	

Section 3 – Substitution of Personnel

A) Has there been any substitution of personnel?

Yes No (If no, skip to Section 4.)

B) Did the Master Contractor request each personnel substitution in writing?

Yes No (If no, explain why) _____

C) Does each accepted substitution possess equivalent or better education, experience and qualifications than incumbent personnel?

Yes No (If no, explain why) _____

D) Was the substitute approved by the agency in writing?

Yes No (If no, explain why) _____

Section 4 – MBE Participation

A) What is the MBE goal as a percentage of the TO value? (If there is no MBE goal, skip to Section 5)

%

B) Are MBE reports D-5 and D-6 submitted monthly?

Yes No (If no, explain why) _____

C) What is the actual MBE percentage to date? (divide the dollar amount paid to date to the MBE by the total amount paid to date on the TO)

%

(Example - \$3,000 was paid to date to the MBE sub-contractor; \$10,000 was paid to date on the TO; the MBE percentage is 30% ($3,000 \div 10,000 = 0.30$))

D) Is this consistent with the planned MBE percentage at this stage of the project?

Yes No (If no, explain why) _____

E) Has the Master Contractor expressed difficulty with meeting the MBE goal?

Yes No

(If yes, explain the circumstances and any planned corrective actions)

Section 5 – TO Change Management

A) Is there a written change management procedure applicable to this TO?

Yes No (If no, explain why) _____

B) Does the change management procedure include the following?

Yes No Sections for change description, justification, and sign-off

Yes No Sections for impact on cost, scope, schedule, risk and quality (i.e., the impact of change on satisfying TO requirements)

Yes No A formal group charged with reviewing / approving / declining changes (e.g., change control board, steering committee, or management team)

C) Have any change orders been executed?

Yes No

(If yes, explain expected or actual impact on TO cost, scope, schedule, risk and quality)

D) Is the change management procedure being followed?

Yes No **(If no, explain why)** _____

ATTACHMENT 10 – LIVING WAGE AFFIDAVIT OF AGREEMENT

Contract No. _____

Name of Contractor _____

Address _____

City _____ State _____ Zip Code _____

If the Contract is Exempt from the Living Wage Law

The Undersigned, being an authorized representative of the above named Contractor, hereby affirms that the Contract is exempt from Maryland's Living Wage Law for the following reasons: (check all that apply)

- Bidder/Offeror is a nonprofit organization
- Bidder/Offeror is a public service company
- Bidder/Offeror employs 10 or fewer employees and the proposed contract value is less than \$500,000
- Bidder/Offeror employs more than 10 employees and the proposed contract value is less than \$100,000

If the Contract is a Living Wage Contract

A. The Undersigned, being an authorized representative of the above named Contractor, hereby affirms our commitment to comply with Title 18, State Finance and Procurement Article, Annotated Code of Maryland and, if required, to submit all payroll reports to the Commissioner of Labor and Industry with regard to the above stated contract. The Bidder/Offeror agrees to pay covered employees who are subject to living wage at least the living wage rate in effect at the time service is provided for hours spent on State contract activities, and to ensure that its Subcontractors who are not exempt also pay the required living wage rate to their covered employees who are subject to the living wage for hours spent on a State contract for services. The Contractor agrees to comply with, and ensure its Subcontractors comply with, the rate requirements during the initial term of the contract and all subsequent renewal periods, including any increases in the wage rate established by the Commissioner of Labor and Industry, automatically upon the effective date of the revised wage rate.

B. _____ (initial here if applicable) The Bidder/Offeror affirms it has no covered employees for the following reasons (check all that apply):

- All employee(s) proposed to work on the State contract will spend less than one-half of the employee's time during every work week on the State contract;
- All employee(s) proposed to work on the State contract will be 17 years of age or younger during the duration of the State contract; or
- All employee(s) proposed to work on the State contract will work less than 13 consecutive weeks on the State contract.

The Commissioner of Labor and Industry reserves the right to request payroll records and other data that the Commissioner deems sufficient to confirm these affirmations at any time.

Name of Authorized Representative: _____

Signature of Authorized Representative: _____

Date: _____ Title: _____

Witness Name (Typed or Printed): _____

Witness Signature & Date: _____

ATTACHMENT 11 – AGENCY ACCEPTANCE OF DELIVERABLE FORM

Agency Name: TO Requesting Agency

TORFP Title: TORFP Project Name

TO Manager: TO Manager and Phone Number

To:

The following deliverable, as required by TO Agreement #ADPICS PO, has been received and reviewed in accordance with the TORFP.

Title of deliverable: _____

TORFP Contract Reference Number: Section # _____

Deliverable Reference ID # _____

This deliverable:

Is accepted as delivered.

Is rejected for the reason(s) indicated below.

REASON(S) FOR REJECTING DELIVERABLE:

OTHER COMMENTS:

TO Manager Signature

Date Signed

ISSUED BY THE TO MANAGER AS REQUIRED IN SECTION 2.9.1 OF THE TORFP.

EXHIBIT A

**TO CONTRACTOR'S EMPLOYEES AND AGENTS WHO WILL BE GIVEN
ACCESS TO THE CONFIDENTIAL INFORMATION**

Printed Name and Address
of Employee or Agent

Signature

Date
