

**Request for Resume (RFR)  
CATS II Master Contract**

<b>SECTION 1 –GENERAL INFORMATION</b>			
<b>RFR Number: (Reference BPO Number)</b>	R00B9200145		
<b>Functional Area (Enter One Only)</b>	FUNCTIONAL AREA FIVE - SOFTWARE ENGINEERING		
<b>Position Title/s or Service Type/s (Short term staff or PMP)</b>			
<b>65. Systems Design Engineer</b> – Education Data Warehouse Data Modeler and Informatica ETL Expert (Each Master Contractor can only submit one candidate for the RFR)			
<b>Anticipated start date</b>	May 30, 2011		
<b>Duration of assignment</b>	Six Months		
<b>Designated Small Business Reserve?(SBR): (Enter "Yes" or "No")</b>	No		
<b>MBE goal, if applicable</b>	0%		
<b>Issue Date:</b> mm/dd/yyyy	April 12, 2011	<b>Due Date:</b> mm/dd/yyyy	April 21, 2011
		<b>Time (EST):</b> 00:00 am/pm	No Later Than 2:00 PM
<b>Place of Performance:</b>	Maryland State Department of Education Division of Accountability and Assessment 200 West Baltimore Street Baltimore, MD 21201		
<b>Special Instructions: (e.g. interview information, attachments, etc.)</b>	Interviews will be conducted by a panel of three persons using a standardized set of interview questions.		
<b>Security Requirements (if applicable):</b>	Pass reference checks and obtain State ID Badge		
<b>Invoicing Instructions:</b>	Standard invoicing procedures for the CATS II Master Contract		
<b>SECTION 2 – AGENCY POINT OF CONTACT (POC) INFORMATION</b>			
<b>Agency / Division Name:</b>	Maryland State Department of Education / Division of Accountability and Assessment		
<b>Agency POC Name:</b>	Dorothy Richburg Procurement Officer	<b>Agency POC Phone Number:</b>	410-767-0628
<b>Agency POC Email Address:</b>	drichburg@msde.state.md.us	<b>Agency POC Fax:</b>	410-333-2017
<b>Agency POC Mailing Address:</b>	Maryland State Department of Education 200 West Baltimore Street Baltimore, MD 21201		

## Request for Resume (RFR) CATS II Master Contract

### Background

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](http://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 increasing the kinds of student data collected and analyzed. To help MSDE achieve this aim, The Division of Accountability and Assessment is modernizing and enhancing its; (1) Educational Data Warehouse (EDW) and (2) associated data collection systems. As a result of a multitude of new projects within DAA, there is an increased need for additional specialized data modelers with ETL Informatica skills to create and maintain database data and data structures using Erwin ERDs, dimensional models, OLPA models, and data dictionaries.

The objective of this Request for Resume (RFR) is to acquire the short-term services of **One (1) Systems Design Engineer for data modeling and Informatica ETL Expert** to develop and maintain data structures and data in DAA existing Educational Data Warehouse, Edfacts reporting database, the Educational Data Operational Store, and other DAA relational and data mart database data structures and sets.

### Job Description/s

Position Title/s or Service Type/s (From Section 1 Above)	Duties / Responsibilities
<b>65. Systems Design Engineer –</b> Education Data Warehouse Data Modeler and Informatica ETL Expert	<ol style="list-style-type: none"> <li>1. Analyze complex K12 education accountability and performance reporting and data storage requirements with end users and OBIEE developers,</li> <li>2. Prepare data models that support the creation of K12 data structures, KPI development, and dashboard development in Oracle 11g using ERWIN</li> <li>3. Create data structures for relational, star schemas, and data marts schemas using ERWIN</li> <li>4. Prepare and execute Informatica ELT programs to maintain and transform existing and new data sets in an Oracle 11g environment</li> </ol>

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<b>Minimum Qualifications</b>	
<b>Position Title/s or Service Type/s (From Section 1 Above)</b>	<b>Required Experience/Knowledge/Skill</b>
<p><b>65. Systems Design Engineer –</b> Education Data Warehouse Data Modeler and Informatica ETL Expert</p>	<p><b>For minimum requirements, see CATS II Labor Category for 65 Systems Design Engineer</b></p> <p><b>THE CANDIDATE MUST ALSO:</b></p> <ol style="list-style-type: none"> <li>1. Demonstrate all aspects of proper communication skills, both verbal and non-verbal.</li> <li>2. The candidate must articulate clear and concise responses to the interview questions</li> <li>3. Possess good interpersonal communication skills and proper attire.</li> </ol> <p><b>Preferred candidates will meet the following criteria:</b></p> <ol style="list-style-type: none"> <li>1. Education - BS in computer science..</li> <li>2. At least six (6) years of experience designing and developing data warehousing database star schemas, 3N data forms using Oracle 10 g and 11g database</li> <li>3. At least six (6) years of experience with Informatica ETL programming data, data imports, and data transformations.</li> <li>4. At least six (6) years of experience programming in SQL and PL/SQL</li> <li>5. At least four (4) years of experience analyzing user requirements and translating them into system data structure designs</li> <li>6. At least two (2) years of experience with installing and administrating an Informatica ETL application environment</li> <li>7. At least two (2) years of experience using ERWIN design tools and techniques</li> </ol>

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### SECTION 4 - REQUIRED SUBMISSIONS

**NOTE:**

- Master Contractors electing not to propose in response to the RFR must submit a "CATS II Master Contractor Feedback Form" located under "Master Contractor Login" on the CATS II web site.
- Master Contractors proposing in response to the RFR must submit the following documents:
  - o Resume for each position / service type described in the RFR (Attachment 1)
  - o Price Proposal (Attachment 2 or 2A)
  - o MBE Forms D1 and D2 if applicable (Attachment D in the CATS II RFP)
  - o Conflict of Interest Affidavit (Attachment G in the CATS II RFP)
  - o Living Wage Affidavit (Attachment I in the CATS II RFP)
  - o **Documents listed below as required by the hiring agency**

1. Resume showing evidence of all skills listed in Section 3. Scope of Work

2. Statement within the Price Proposal that rate is all inclusive – Use Attachment 2 for the Price Proposal

3. Two (2) current references that can be called for performance verification of the submitted consultant(s) work experience and skills

### SECTION 5 – EVALUATION CRITERIA

**(Provide a list of evaluation criteria in descending order of importance)**

1. Candidate must meet minimum skills in Section 3 to be considered for an interview.

2. Candidate's interview will be ranked based on 15 technical questions and an assessment of verbal communication skills

3. Price rankings of the proposals

4. Candidate's technical merit will rank higher of the overall rank component

#### **Basis for Award Recommendation**

RFRs will be awarded in accordance with the competitive Sealed Proposals process under COMAR 21.05.03. The agency POC will recommend award to the Master Contractor whose proposal is determined to be the most advantageous to the State, considering price and the evaluation factors set forth in the RFR. The agency POC will initiate and deliver a RFR Agreement to the selected Master Contractor. **Master Contractors should be aware that if selected, State law regarding conflict of interest may prevent future participation in procurements related to the RFR Scope of Work, depending upon specific circumstances.**

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**ATTACHMENT 1 – RFR RESUME FORM**

**RFR #R00B9200145**

**SYSTEMS DESIGN ENGINEER**

**Education Data Warehouse Data Modeler and Informatica ETL Expert**

Instructions: Insert resume information in the fields below; do not submit other resume formats. Submit only one resume per Position or Service described in Section 1 of the RFR. If the RFR requests multiple Positions or Services, use a separate resume form for each proposed candidate.

Candidate Name:	Position Title or Service Type (from Section 1 of the RFR):
Master Contractor:	

**A. Education / Training**

Institution Name / City / State	Degree / Certification	Year Completed	Field Of Study
<add lines as needed>			

**B. Relevant Work Experience**

Describe work experience relevant to the Duties / Responsibilities and Required Experience / Knowledge / Skill described in Section 3 of the RFR. Start with the most recent experience first; do not include non-relevant experience.

[Organization] [Title / Role] [Period of Employment / Work] [Location] [Contact Person (Optional if current employer)]	Description of Work...
[Organization] [Title / Role] [Period of Employment / Work] [Location] [Contact Person]	Description of Work...

<add lines as needed>

**C. Employment History**

List employment history, starting with the most recent employment first

Start and End Dates	Job Title or Position	Organization Name	Reason for Leaving
<add lines as needed>			

**D. References**

List persons the State may contact as employment references

Reference Name	Job Title or Position	Organization Name	Telephone / Email
<add lines as needed>			

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ATTACHMENT 2

RFR PRICE PROPOSAL  
RFR #R00B9200145

SYSTEMS DESIGN ENGINEER

Education Data Warehouse Data Modeler and Informatica ETL Expert

(This form is to be filled out by Master Contractors)

Proposed Labor Category	Hourly Labor Rate	Total Hours (up to 6 months)	Labor Category Price (Labor Rate x Hours)
65. Systems Design Engineer – Education Data Warehouse Data Modeler and Informatica ETL Expert	\$	1040 hrs	\$
Total RFR Price (Sum of Labor Category Prices):			\$

VENDOR'S NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE AND ZIP CODE \_\_\_\_\_

FIN \_\_\_\_\_ DUNS NO \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_ FAX NO. \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

SIGNATURE \_\_\_\_\_

PRINTED NAME \_\_\_\_\_

TITLE \_\_\_\_\_ 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. Rates must include all direct and indirect costs and profit for the Master Contractor to perform under the TOA.