Request for Resume (RFR)
CATS II Master Contract

All Master Contract Provisions Apply

Section 1 —General Information	
RFR Number: (Reference BPO Number)	F50B2400076
Functional Area (Enter One Only)	Geographical Information Systems (GIS)
Labor Category/s CATSII Labor Categories to be determined by the Master Contractor (Each Master Contractor can only submit one candidate for each RFR position)	
1. Senior Geo Spatial Web Developer	
2. Mid-level Geo Spatial Web Developer	
Anticipated start date	August 1, 2012
Duration of assignment	Up to 6 months
Designated Small Business Reserve?(SBR): (Enter "Yes" or "No")	No
MBE goal, if applicable	%0

Issue Date: mm/dd/yyyy	05/22/2012	**Due Date:** mm/dd/yyyy	06/19/2012
		Time (EST): 00:00 am/pm	10:00 am
Place of Performance:	Department of Information Technology, GIO's Office 45 Calvert Street, Annapolis, MD 12401		
Special Instructions:	1. An in-person interview will be required. 2. Contractors may submit one (1) resume for each position in for a total of two proposals. 3. These are new positions. 4. Candidates **must meet all minimum requirements** in their labor category to be considered.		
Security Requirements (if applicable):	N/A		
Invoicing Instructions:	Time and Materials Contract; invoice submitted monthly (based on approved weekly timesheet) to Task Order Manager		
Section 2 – Agency Point of Contact (POC) Information			

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Agency / Division Name:	Department of Information Technology, Procurement

Agency POC Name:	Michael Balderson	**Agency POC Phone Number:**	410-260-7549
Agency POC Email Address:	Mike.Balderson@maryland.gov	**Agency POC Fax:**	(443) 926-9742
Agency POC Mailing Address:	45 Calvert Street, Annapolis, MD 21401		

Section 3 – Scope of Work

Background

The Geographic Information Officer's Office is responsible for maintaining the MD iMap system (www.imap.maryland.gov). It is also tasked with migrating many of the existing mapping applications, developed in Adobe's Flex system to a format, such as JavaScript/HTML5 that is compatible with the iOS and Droid smartphone operating systems. DoIT and the Offeror will negotiate the exact method(s) to be employed. Migration work will be prioritized. Additionally, the unit is beginning to utilize ArcGIS Online Premium so building online maps using this cloud capability may be required.

DoIT plans to contract a maximum of two candidates through this RFR.

Job Description/s

Labor Category/s (From Section 1 Above)	Duties / Responsibilities
1. Senior GeoSpatial Web Developer	This is Mid-Level GIS Software Developer position. Responsibilities include: install and configure ArcGIS Server; develop mapping applications and web services using ArcGIS Server for Flex and JavaScript/HTML5, build and publish maps via ArcGIS and ArcGIS Online resources, ArcSDE databases, and geo-processing tools as services in ArcGIS Server to streamline existing geospatial procedures; develop mobile GIS applications, assume responsibility of full project lifecycle on simple projects; act proactively to avoid agency customer issues and meet their business needs. The ideal candidate will also have experience developing for HTML 5, using open source geospatial software development tools, and developing for multiple PC, iOS, and Android platforms. This role also requires an understanding of project management, including all software development life cycle phases. A firm understanding of database architecture is also needed. Primary responsibilities include: - Provide technical expertise for ESRI COTS software

	customization. - Develop web mapping applications and web services using ArcGIS Server for Flex, and JavaScript/HTML 5. - Build and publish maps, ArcSDE databases, and geo-processing tools as services in ArcGIS Server to streamline existing geospatial procedures; - Develop mobile GIS field survey applications; - Install and configure ArcGIS Server. - Assume responsibility of full project lifecycle on simple projects; - Act proactively to avoid agency customer issues and meet their business needs. -Demonstrate strong written and verbal communication skills, and troubleshooting complex application problems. Secondary responsibilities: - Conduct performance and scalability tests. - Application documentation. - Gather customer requirements and drive development towards those requirements. - Create and present demos to help the agency client identify the right tools to meet their current and future needs.
2. Mid-level GeoSpatial Web Developer	This is Mid-Level GIS Software Developer position. Responsibilities include: install and configure ArcGIS Server; develop mapping applications and web services using ArcGIS Server for Flex and JavaScript/HTML5, build and publish maps via ArcGIS and ArcGIS Online resources, ArcSDE databases, and geo-processing tools as services in ArcGIS Server to streamline existing geospatial procedures; develop mobile GIS applications, assume responsibility of full project lifecycle on simple projects; act proactively to avoid agency customer issues and meet their business needs. The ideal candidate will also have experience developing for HTML 5, using open source geospatial software development tools, and developing for multiple PC, iOS, Android platforms. This role also requires an understanding of project management, including all software development life cycle phases. A firm understanding of database architecture is also needed. Primary responsibilities include: - Provide technical expertise for ESRI COTS software customization. - Develop web mapping applications and web services using ArcGIS Server for Flex, and JavaScript/HTML 5. . - Build and publish maps, ArcSDE databases, and geo-

	processing tools as services in ArcGIS Server to streamline existing geospatial procedures; - Develop mobile GIS field survey applications; - Install and configure ArcGIS Server. - Assume responsibility of full project lifecycle on simple projects; - Act proactively to avoid agency customer issues and meet their business needs. Secondary responsibilities: - Conduct performance and scalability tests. - Application documentation. - Gather customer requirements and drive development towards those requirements. - Create and present demos to help the agency client identify the right tools to meet their current and future needs.

Minimum Qualifications

For resource minimum qualifications, see the labor category description in the CATS II RFP for the RFR labor category selected by the Master Contractor. In addition, qualified candidates <u>must</u> meet the minimum qualifications specified below to be considered for selection.

Labor Category/s (From Section 1 Above)	Minimum Experience/Knowledge/Skill
1. Senior GeoSpatial Web Developer	1. Bachelor's or Master's degrees from an accredited college or university in computer science, GIS, engineering, or related field; or four (4) years of equivalent experience in a related field. 2. At least four (4) years of experience working on GIS development projects using the following skills: ESRI ArcGIS desktop, ArcGIS Server and REST APIs, and ArcSDE 3. At least three (3) years of experience with Oracle or other RDBMS, SQL, and/or PL/SQL 4. At least three (3) years of experience with other industry-standard technologies such as XML, Web services, application servers, and Web servers 5. At least one (1) years of experience developing web mapping applications using Flex 6. At least one (1) years of experience developing web mapping applications using JavaScript/HTML5
2. Mid-level GeoSpatial Web Developer	1. Bachelor's or Master's degrees from an accredited college or university in computer science, GIS, engineering, or related field; or three (3) years of equivalent experience in a related field. 2. At least three (3) years of experience working on GIS development projects related to the following skills: ESRI ArcGIS desktop, ArcGIS Server and REST APIs, and ArcSDE

	3. At least one (1) year of experience with Oracle or other RDBMS, SQL, and/or PL/SQL 4. At least one (1) year of experience with other industry-standard technologies such as XML, Web services, application servers, and Web servers 5. At least one (1) year developing web mapping applications using Flex and JavaScript/HTML5

Section 4 - Required Submissions

NOTE:
- Master Contractors may propose only one candidate for each position requested.
- Master Contractors electing <u>not</u> to propose in response to the RFR must submit a "Master Contractor Feedback Form" via the "Master Contractor Login" on the CATS II web site.
- Master Contractors proposing in response to the RFR <u>must</u> submit the following documents below as separate files contained in two separate emails as follows:
- **Email 1 with "Technical: RFR Number, Master Contractor Name, & Candidate Name" in the subject line**
    1. Resume described in the RFR (Attachment 1)
    2. Three (3) reference contact names, telephone numbers and email addresses for use in verifying the experience provided in response.
    3. URL's of online mapping systems in the desired format (iOS, Droid, PC) from at least one project within the last 12 months of the Anticipated Start Date (above).

- **Email 2 with "Financial: RFR Number, Master Contractor Name, & Candidate Name" in the subject line**
    1. Price Proposal (Attachment 2)
    2. Conflict of Interest Affidavit (Attachment G in the CATS II RFP)
    3. Living Wage Affidavit (Attachment I in the CATS II RFP)

Section 5 – Evaluation Criteria –
(Provide a list of evaluation criteria in descending order of importance)

1. Meets or exceeds Minimum Qualifications
2. Experience providing the services required, as verified by the references.
3. Proficiency responding to inquiries about the project artifacts provided to meet minimum qualifications.
4. Response to interview questions
5. Price

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 # F50B2400076

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

Candidate Name:	Labor Category (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 Minimum 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>			

ATTACHMENT 2

RFR PRICE PROPOSAL – TWO POSITIONS

RFR # F50B2400076

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

Job Title	Proposed CATS II Labor Category	Candidate Name	Hourly Labor Rate	Total Hours (up to 6 months)	Labor Category Price (Labor Rate x Hours)
1. Senior GeoSpatial Web Developer	Please provide proposed CATS II Labor Category		$	1,000*	$
2. Mid-level GeoSpatial Web Developer	Please provide proposed CATS II Labor Category		$	1,000*	$
Total RFR Price (Sum of Labor Category Prices):					$

*Note: Hours are used for evaluation purposes only. Actual hours per resource for a labor category may be more or less.

_____   _____
Authorized Individual Name   Company Name

_____   _____
Title   Company Tax ID #

Proposed labor categories must be from those described in the CATS II Master Contract and must correspond to the resume/s provided. Support staff are limited to engagements of up to six months. The "Hourly Labor Rate" is the actual fully-loaded rate that the State will pay for services recorded in dollars and cents. Hourly rates must be equal to or less than the rates proposed by the Master Contractor for the CATS II Master Contract.