

ATTACHMENT 10
TECHNICAL REQUIREMENTS

1. ITEMIZED REQUIREMENTS

Use the following key to respond to each itemized requirement. Please also include a comment for each item. Identical comments may be applied to multiple requirements as appropriate.

RESPONSE CODES	DEFINITION
5	Item is "Out Of Box"- indicate module or software product. No modifications or customized code will be required for the system to meet this requirement.
4	Item will be included in future release - specify version and date. The requirement will be implemented as part of a scheduled update to the software package. No additional purchase or other cost will be incurred, and customized code will not be required. Please specify the planned release version for the functionality and scheduled release date, if possible.
3	Item addressed by third-party integration- specify partner. The requirement is met by third party integration or partner functionality and can be implemented seamlessly by the vendor responding to the RFP. Please specify the third-party product and partner meeting the requirement.
2	Item requires customized code to be written. To meet this requirement, custom code will be required during implementation. Please briefly describe the customization(s) required. Within the Cost Submission Matrix, also provide estimates of work required to complete the customization
1	Item not addressed by solution. This requirement cannot be met by the vendor or vendor partners and will not be included in any future release.

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3E.1	System shall provide a reliable and stable WCMS with a proven capability and continuous high levels of up-time based on AOC service level agreement (SLA).		
3E.2	System shall provide an open Application Programming Interface (API) and standard architecture to connect and interact with external systems.		
3E.3	System shall provide a site page authoring system that requires minimal training and can be used by non-technical users.		
3E.4	System shall provide the ability to integrate with products included in AOC standard operating environment (SOE) (eg MS Office, Exchange, reporting tools, search tools).		
3E.5	System shall integrate with industry standard authentication tools, such as Netegrity SiteMinder or Oracle Identity Management..		
3E.6	System shall provide the ability to integrate with Active Directory (AD) for workflow routing and notifications.		
3E.7	System shall provide monitoring of deployment to production and notification of deployment failures or system problems.		
3E.8	System shall provide navigation menus that support a minimum of four levels of template-driven navigation.		
3E.9	System shall support scalability of sites and system as AOC sites, content, workflow and usage increases or decreases.		
3E.10	System shall support development, testing / staging and production environments, and control of movement between each.		
3E.11	System shall support automatic and manual creation/management of versions or snapshots of individual components, site sections or entire web sites.		
3E.12	System shall provide tools to compare, track and roll back individual components, site sections or entire web sites to a prior version or “snapshot.”		
3E.13	System shall provide version control management for content and templates in development, test/stage and production environments.		

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3E.14	System shall provide tools to support deployment of sites, including externally hosted sites, across a number of internally and externally hosted servers.		
3E.15	System shall support storage and retrieval of a wide range of common and AOC standard content types: structured content (e.g. database data, Microsoft Excel spreadsheets, forms and transactions); documents (e.g. Microsoft Word, Acrobat PDF, RTF, TXT, XML and HTML pages); presentations (e.g. Microsoft PowerPoint presentations, drawings, plans and maps, images, audio, video) and other “rich” media.		
3E.16	System shall provide the ability to import/export content items into an agreed markup language (e.g. to make a copy of the website on CD-ROM).		
3E.18	System shall comply with JSR 168 and 170.		
3E.19	System shall follow XML Web Services standards.		
3E.20	Web interface shall be Section 508 compliant.		
3E.24	System shall have the ability to use XML to interface with other products.		
3E.25	System shall provide or support standards-based development tools (eg XML, CSS, DHTML, XSLT and other open standards).		
3E.26	Systems shall integrate with agency application servers and platforms, including Windows, Unix, Sun Solaris, Adobe ColdFusion, Sun Java, Apache Tomcat and Oracle		
3E.27	System shall support current industry standard web programming frameworks (e.g. J2EE or Microsoft .NET).		
3E.28	System shall support data exchange involving open standards and protocols for web services. This includes WSDL (web services definition language), UDDI (Universal Description, Discovery and Integration) and SOAP (Simple Object Access Protocol).		
3E.29	System shall support operating systems, browser and productivity applications included in agency SOEs.		
3E.30	System shall support standard messaging protocols (eg SMTP, MIME).		
3E.34	System shall support exposure of any content		

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	through standard interfaces (SOA)		
3E.35	System shall provide automated migration and conversion tools for migration of data from existing repositories, including file servers.		
3E.36	System shall have the ability to generate print-friendly content from XML Documents.		
3E.37	System shall have the ability to use XML to interface with other products for document or web content import.		
3E.39	System shall provide web-based administration tools for managing the complete solution, including users, roles, repositories, etc.		
3E.40	System shall support customized role/security definition, allowing for individual system functions to be grouped, assigned or removed from an individual user or role profile.		
3E.41	System shall provide for segregation and assignment of administrative functions, so that individual functions may be assigned to a customized role.		
3E.42	System shall support scheduled jobs for monitoring and maintenance of the system and content.		
3E.43	System shall meet WM100 performance standards for load time (5.86 sec) and APPBENCHMARK for transaction time (18.11 sec) as outlined at http://www.webmastersolutions.com/wm100.html .		