

**Agency Personnel Summary Guide for Temporary IT Personnel Services (T013) – for ITB 12-X-2236181 Lines 001 – 024**

**Vendor Contact Info**

12-X-2236181 Company / Contract(s)	Primary Contact	Contact E-mail	Secondary Contact	Primary Phone	Secondary Phone	Mailing Address	FAX Number	Delivery
22nd Century Technologies <b>4012573</b>	Rachel Williams	<a href="mailto:rachel@tscti.com">rachel@tscti.com</a>	Eva Gaddis McKnight	732-507-7979 or 800-517-8408	888-998-7284	1 Executive Drive Suite 285 Somerset, NJ 08873	501-421-3750	As Specified
Advanced Systems Design, Inc. <b>4012126</b>	Tray Williams	<a href="mailto:tray.williams@asd-web.com">tray.williams@asd-web.com</a>	John Adams	850-385-5129	888-301-2515	2915 Kerry Forest PKY Suite 104 Tallahassee, FL 32309	850-385-1934	5 Days ARO
GDH Government Services, LLC <b>4012124</b>	Chris Hampton	<a href="mailto:hampton@gdhgov.com">hampton@gdhgov.com</a>		479-414-8002	479-414-8002	2703 S 21 <sup>st</sup> St. Rogers, AR 72758	202-499-2695	1 Week ARO
Integrated Computer Solutions, Inc. <b>4012127</b>	Chip Schuneman	<a href="mailto:chip.schuneman@icsinc.com">chip.schuneman@icsinc.com</a>		334-356-6805 or 334-270-2892	334-270-2892	60 Commerce St. STE 1100 Montgomery, AL 36104	334-270-2896	15 Days ARO
Intergraph Government Solutions <b>4012123</b>	Steve Hancock	<a href="mailto:steve.hancock@intergraphgovsolutions.com">steve.hancock@intergraphgovsolutions.com</a> (primary) <a href="mailto:patricia.bahr@intergraphgovsolutions.com">patricia.bahr@intergraphgovsolutions.com</a> (secondary)	Patricia Bahr	Steve Hancock 256-799-6893 or 800-747-2232	Patricia Bahr 256-799-6996 or 800-747-2232	P.O. Box 6286 Huntsville, AL 35813	256-799-6924	As Specified
Software Engineering Services <b>4012125</b>	Esper Smith	<a href="mailto:esmith@sessolutions.com">esmith@sessolutions.com</a>		402-292-8660	800-244-1278	1311 Fort Crook Road South Suite 100 Bellevue, NE 68005	402-292-3271	1-10 Days ARO

**Agency Personnel Summary Guide for Temporary IT Personnel Services (T013) – for ITB 14-X-2260061 Lines 026 – 046**

Vendor Contact Info

14-X-2260061 Company / Contract(s)	Primary Contact	Contact E-mail	Secondary Contact	Primary Phone	Secondary Phone	Mailing Address	FAX Number	Delivery
International Projects Consultancy Services, Inc. <b>4012912</b>	Kuldeep Dhar			952-541-4888		Metropoint, Suite 1595 600 S. Hwy 169 Minneapolis, MN 55427	952-541-1222	7 Days ARO
Computer Aid, Inc. <b>4012913</b>	Steven A. Dailey			850-567-9111		3560 Flowers Rd. Mathews, AL 36052	717-651-3182	5 Days ARO
Summit 7 Systems, Inc. <b>4012914</b>	Michael Scott Edwards	<a href="mailto:amy.edwards@summit7systems.com">amy.edwards@summit7systems.com</a>	Amy Edwards	256-468-4020		71 Town Center Dr. NW Huntsville, AL 35906	888-248-8108	30 Days ARO
Intergraph Government Solutions <b>4012915</b>	Steve Hancock	<a href="mailto:steve.hancock@intergraphgovsolutions.com">steve.hancock@intergraphgovsolutions.com</a> (primary) <a href="mailto:patricia.bahr@intergraphgovsolutions.com">patricia.bahr@intergraphgovsolutions.com</a> (secondary)	Patricia Bahr	Steve Hancock 256-799-6893 or 800-747-2232	Patricia Bahr 256-799-6996 or 800-747-2232	P.O. Box 6286 Huntsville, AL 35813-0286	256-799-6924	30 Days ARO
GDH Government Services, LLC <b>4012916</b>	Chris Hampton	<a href="mailto:champton@gdhgov.com">champton@gdhgov.com</a>		479-414-8002		100 N. Union, Suite 720 Montgomery, AL 36104	479-770-0820	As Specified
22nd Century Technologies <b>4012917</b>	Lissangela De Leon	<a href="mailto:rachel@tscti.com">rachel@tscti.com</a>	Rachel Williams	888-998-7284		22493 Terra Rosa Drive Ashburn, VA 20148	501-421-3750	ASAP
TEKSystems <b>4012918</b>	Katharine Raycraft			205-995-5454	888-615-6488	1200 Corporate Drive Suite G-05 Birmingham, AL 35242	205-980-6130	As Specified
The CSI Companies <b>4012919</b> <b>*cancelled*</b>	Michael Israel			904-338-9515	800-582-0828	12201 Denford Way Glen Allen, VA 23059	866-330-5638	3 Wks ARO
Advanced Systems Design, Inc. <b>4012920</b>	Tray Williams	<a href="mailto:tray.williams@asd-web.com">tray.williams@asd-web.com</a>	John Adams	850-385-5129	888-301-2515	2915 Kerry Forest PKY Suite 104 Tallahassee, FL 32309	850-385-1934	1 Week ARO
Integrated Computer Solutions, Inc. <b>4012921</b>	Chip Schuneman	<a href="mailto:chip.schuneman@icsinc.com">chip.schuneman@icsinc.com</a>		334-270-2892	877-427-4629	60 Commerce St. STE 1100 Montgomery, AL 36104	334-270-2896	15 Days ARO
MMC Systems, Inc. <b>4012922</b>	Knanh To			917-363-6659		3296 Rose Ridge Atlanta, GA 30340	201-484-7644	20 Days ARO
System Soft Technologies <b>4012923</b>	Neha D. Desai			727-723-0807 ext. 306		3000 Bayport Drive Suite 840 Tampa, FL 33607	813-289-5359	2 Wks ARO

## General Information

- **Each SOW represents one job classification**, but may be used to fill multiple positions. Candidate Data Sheet optional.
- **Payment on hours worked:** Payments monthly, semi-monthly, or as specified.
- **Staff Augmentation:** When you know what staff you need and the qualifications of the personnel, you can use Statement of Work (SOW) by itself or in conjunction with a Candidate Data Sheet (CDS) to screen staff.
- **Project Implementation:** Agency defines objectives, scope, deliverables and what you want to accomplish. Vendors respond with project schedules, deliverables, and show staffing and project costs on SOW. Vendor response should have defined deliverables, project schedule, payment schedules and total cost. Staffing would be as per SOW. Vendors submit timesheets to invoice agency. Agency should track hours worked, project deliverables, % of schedule completion, hours worked and costs.
- **Notify vendor:** of deficiencies in work performed, schedule slippage, etc. in writing and ask them to correct deficiencies. Did changes added to the initial proposal increase the cost or schedule? Such changes should be done in writing and the schedule/cost adjusted. The PO will have to be modified if hours or dollar amounts exceed existing PO.
- **Report to ISD:** Share your experiences - let other agencies know of great services and lessons learned, as well as sub-standard service delivery.
- **Vendors providing inadequate or sub-standard services may have their contract canceled, but it is up to the customer to provide documentation!**

**Contract Summary Temp IT Personnel Services (T013)**

Gen	12-X-2236181		4012123	4012124	4012125	4012126	4012127	4012573
Line #	Temp IT Personnel Services Positions (T013)	Pos. Level	Intergraph Government Solutions	GDH Government Services, LLC	Software Engineering Services	Advanced Systems Design, Inc.	Integrated Computer Systems, Inc.	22 <sup>nd</sup> Century Technologies
1	IT Systems Technician	I	35.00	38.00	45.55	36.00	45.00	19.00
2		II	42.00	45.00	53.08	56.88	50.00	25.00
3		III	56.00	68.00	64.52	60.00	85.00	32.00
4	IT Operations Specialist	I	35.00	45.00	30.44	30.88	50.00	39.00
5		II	42.00	69.00	35.63	46.00	55.00	65.00
6		III	56.00	85.00	38.63	57.00	95.00	79.00
7	IT Telephony Specialist	I	36.00	38.17	40.24	47.00	65.00	
8		II	44.00	51.08	49.02	67.00	75.00	
9		III	60.00	71.53	64.95	79.38	105.00	
10	IT Applications Developer	I	48.00	59.50	45.17	41.00	65.00	55.00
11		II	61.00	68.00	58.15	61.08	80.00	69.00
12		III	79.00	85.00	71.91	88.01	110.00	82.00
13	IT Web Applications Developer	I	48.00	59.50	53.30	43.86	65.00	45.00
14		II	61.00	76.50	64.82	63.12	80.00	55.00
15		III	79.00	85.00	75.65	88.01	115.00	65.00
16	IT GIS Applications Developer	I	57.00	68.00				32.00
17		II	63.00	76.00				45.00
18		III	78.00	85.00				58.00
19	IT Project Manager	I	57.00	65.90	65.00	69.88	80.00	65.00
20		II	63.00	85.00	76.57	85.00	92.00	84.00
21		III	100.00	105.00	88.53	100.00	125.00	94.00
22	IT Business Analyst	I	59.00	49.25	59.77	51.00		50.00
23		II	61.00	61.33	70.60	67.00		65.00
24		III	84.00	76.00	79.39	79.88		75.00

\*Note: Line 025 contains TRAVEL as required by the statement of work. To be reimbursed at the current State of Alabama rates per section VI.6.3 of the original bid specifications.

**IT Systems Technician – 001, 002, 003**

**IT Systems Technician:** Professional level technical projects in data systems maintenance and support. Installs and maintains local/wide area networks (LAN/WAN), client server, mainframe/midrange, and telecom systems. Requires experience with systems operating in the wireless and virtual environment. Must be proficient with applications, databases, and operating systems. Work involves installing, testing, and maintaining networks, computers, and peripheral equipment typically supporting contract users IT systems. Must have a strong record of providing IT systems services and support for complex IT projects.

IT Systems Technician I (001)	IT Systems Technician II (002)	IT Systems Technician III (003)
This is applied technical work involving the physical aspects of voice and data systems design and maintenance. Responsible for the planning, coordination, installation, maintenance and relocation and of varied and complex IT systems and equipment	This is mid-level applied and developmental technical work in data systems design and maintenance. Responsible for analysis, design, development, modification, implementation, and/or maintenance of varied and complex IT systems and equipment. Work involves specialization in one or more of the following specialties: client server, local/wide area networks, or mainframe/midrange systems.	This is professional level design and maintenance work for complex voice and data systems that fulfills current and future contract user's needs. Responsible for analysis, design, development, modification, implementation, and/or maintenance of varied and complex IT systems and equipment. Work involves recommending appropriate technologies and solutions to meet user requirements and/or the installation of IT systems and equipment. Specialist meets with contract users to assess available resources for providing equipment and services that will fulfill contract users' needs. Serves as a resource for technical expertise in maintenance of one or more of the following specialties: client server, local/wide area networks, or mainframe/midrange systems.
One year of college or technical school in the field of Information Systems.	Associate's degree in Information Technology or related field.	Bachelor's degree in Computer Science, Information Systems, Engineering, or related field.
Two (2) years of experience in installing, troubleshooting and maintaining varied and complex IT systems and equipment.	Four (4) years of experience in IT systems design, maintenance, or support.	Six (6) years of experience in IT systems design, maintenance, and support.

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Line #	Temp IT Personnel Services Positions (T013)	Pos. Level	Intergraph Government Solutions	GDH Government Services, LLC	Software Engineering Services	Advanced Systems Design, Inc.	Integrated Computer Systems, Inc.	22 <sup>nd</sup> Century Technologies
1	IT Systems Technician	I	35.00	38.00	45.55	36.00	45.00	19.00
2		II	42.00	45.00	53.08	56.88	50.00	25.00
3		III	56.00	68.00	64.52	60.00	85.00	32.00

**IT Operations Specialist – 004, 005, and 006**

**IT Operations Specialist:** Responsible for professional level projects supporting data and voice communications equipment, mainframe, client server, and network operations. Work involves activities in the areas of production, data control, operations, and operations support. Develops and implements standards, procedures and processes for the contract users’ operations group. Plans and manages the support of new technologies, data center performance and reliability. Defines and negotiates service level agreements. Oversees and coordinates the daily activities of the contract users’ operations center. Responsible for monitoring operations, and diagnosing problems. Provides input and recommendations regarding business continuance issues and improvements to the operations of systems and processes supported. Provides backup and recovery scheme for the data environment and the development and implementation of contract users disaster recovery and business continuance procedures.

IT Operations Specialist I (004)	IT Operations Specialist II (005)	IT Operations Specialist III (006)
This is highly specialized support for operating systems including mainframe/midrange, LAN/WAN network operations and database administration. Responsible for monitoring, maintaining, and diagnosing problems with mainframe/midrange, client server, and computer network operations.	This is mid-level applied and developmental technical work in voice and data systems design and maintenance. Responsible for analysis, design, development, modification, implementation, and/or maintenance of data systems. Work involves specialization in one or more of the following operations specialties: client server, local/wide area networks, database, or mainframe/midrange systems. Operations specialists must be proficient in two or more of the following: Oracle, SQL Server, DB2, IMS, Access, Lotus Notes or RACF database administration.	This is professional level design computer operations work for complex voice and data systems that fulfills current and future contract user’s needs. Responsible for analysis, design, development, modification, implementation, and/or maintenance of varied and complex data systems and equipment. Work involves recommending appropriate technologies and solutions to meet user requirements and/or the installation of data systems and equipment. Specialist meets with contract users to assess available resources for providing equipment and services that will fulfill contract user’s needs. Serves as a resource for technical expertise in design and maintenance of one or more of the following specialties: client server, database, local/wide area networks, or mainframe/midrange systems.
One year of college or technical school in the field of Information Systems.	Associate’s degree in Information Technology or related field.	Bachelor’s degree in Computer Science, Information Systems, Engineering, or related field.
Two (2) years of experience in computer operations including running, canceling, and monitoring jobs on a mainframe/midrange system, modifying JCL, operating peripheral equipment, maintaining databases, and performing network operations.	Four (4) years of experience in IT systems design, maintenance, or support.	Six (6) years of experience in data systems design, maintenance, and support.

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Line #	Temp IT Personnel Services Positions (T013)	Pos. Level	Intergraph Government Solutions	GDH Government Services, LLC	Software Engineering Services	Advanced Systems Design, Inc.	Integrated Computer Systems, Inc.	22 <sup>nd</sup> Century Technologies
4	IT Operations Specialist	I	35.00	45.00	30.44	30.88	50.00	39.00
5		II	42.00	69.00	35.63	46.00	55.00	65.00
6		III	56.00	85.00	38.63	57.00	95.00	79.00

**IT Telephony Specialist – 007, 008, and 009**

**IT Telephony Specialist:** Provides support for projects involving voice and data communications equipment. Advanced applied technical level work in voice and data systems installation and maintenance. Responsible for the planning, coordination, installation, and maintenance of varied and complex telecommunication systems and equipment including VOIP. Includes the analysis and recommendation of telecommunication technologies and solutions to meet user requirements.

IT Telephony Specialist I (007)	IT Telephony Specialist II (008)	IT Telephony Specialist III (009)
This is a specialized support position performing applied technical level work in voice and data systems and installation. Responsible for the installation, maintenance and relocation and of varied telecommunications systems and equipment.	This is a specialized support position performing applied technical level work in voice and data systems and installation. Responsible for the installation, maintenance and relocation and of varied telecommunications systems and equipment. Employees are responsible for the planning, coordination, installation, and maintenance of varied and complex telecommunication systems and equipment including VOIP. Work involves recommending appropriate telecommunication technologies and solutions to meet user requirements.	This is a highly specialized support position performing advanced applied technical level work in support of voice and data systems. Employees are responsible for the design, planning, coordination, installation, and maintenance of varied and complex telecommunication systems and equipment including VOIP. Work involves recommending appropriate telecommunication technologies and solutions to meet user requirements. Work also involves meeting with vendors and users to assess available resources for providing equipment and services that will fulfill contract users' needs.
One year of college or technical school in the field of Information Systems.	Associate's degree in Information Technology, Telecommunications or related field.	Bachelor's degree in Computer Science, Information Systems, Telecommunications, Engineering, Science, or related field.
Two (2) years of experience in installing, trouble-shooting and maintaining telecommunications systems and equipment	Four (4) years of experience in installing, trouble-shooting and maintaining telecommunications systems and equipment.	Six (6) years of experience in designing, installing, trouble-shooting and maintaining telecommunications systems and equipment.

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Line #	Temp IT Personnel Services Positions (T013)	Pos. Level	Intergraph Government Solutions	GDH Government Services, LLC	Software Engineering Services	Advanced Systems Design, Inc.	Integrated Computer Systems, Inc.	22 <sup>nd</sup> Century Technologies
7	IT Telephony Specialist	I	36.00	38.17	40.24	47.00	65.00	
8		II	44.00	51.08	49.02	67.00	75.00	
9		III	60.00	71.53	64.95	79.38	105.00	

**IT Applications Developer – 010, 011, and 012**

**IT Applications Developer:** Professional level projects developing, testing, deploying, and maintaining contract users IT applications. Work includes department-level applications, components, desktop clients, or database and network services that are primarily based on Microsoft tools and technologies. Responsible for designing, coding, testing, implementing, maintaining and supporting application software. Includes defining quality standards, auditing processes, procedures, and products, systems application testing, and managing the design, development, and implementation of applications systems. Provides component and data architecture design, performance monitoring, and quality assurance. Responsible for system analysis, defining system requirements, writing system specifications, and designing computer systems and testing of modules that span multiple environments in support of the contract users’ business model.

IT Applications Developer I (010)	IT Applications Developer II (011)	IT Applications Developer III (012)
This is mid-level professional programming and analysis work. Involved in the full systems life cycle. Responsible for designing, coding, testing, implementing, maintaining and supporting application software that is delivered on time and within budget. Responsibilities may also include participation in component and data architecture design, performance monitoring, product evaluation and buy versus build recommendations. Employees in this class are responsible for analyzing and evaluating existing applications and designing and developing new or enhanced applications to support contract users' needs.	This is professional programming and analysis work. Responsible for systems analysis, design, development, quality assurance and integration. Develops design and functional specifications, produces deliverables related to the project(s) assigned and assists in post implementation support and system enhancements. Responsible for selecting appropriate C.A.S.E. tools to develop systems and software. Responsible for gathering, compiling and synthesizing information with regard to technology processes or systems. Employees in this class are responsible for performing moderately to highly complex programming and systems analysis work on projects with integrated systems that impact multiple applications to support end-user needs. Requires full proficiency in more than one programming language.	Employees in this class are charged with programming and program analysis, defining quality standards, auditing processes, procedures, and products, systems application testing, and managing the design, development, and implementation of applications systems. Responsible for system analysis, defining system requirements, writing system specifications, and designing computer systems and testing of modules that span multiple environments. Requires full proficiency in more than one programming language. Some employees may serve as a technical expert in providing optimal technical recommendations and solutions in a particular application or functional area, originating new techniques, establishing criteria, or developing new information. Involved in the full systems life cycle and is responsible for designing, coding, testing, implementing, maintaining and supporting application software. Responsibilities may also include participation in component and data architecture design, performance monitoring, product evaluation and buy versus build recommendations.
Bachelor’s degree in Computer Science, Math, Information Technology or a related field, including two (2) courses in programming.	Bachelor’s degree in Computer Science, Math, Information Technology or a related field, including four (4) courses in programming.	Bachelor’s or Master’s degree (preferable) in Computer Science, Math, Information Technology or a related field, including four (4) courses in programming.
Two (2) years of experience in computer programming utilizing high level languages to manipulate databases or files and produce outputs and reports.	Four (4) years of experience in computer programming utilizing high level languages to manipulate databases or files and produce outputs and reports.	Six (6) years of experience in systems analysis, design and a solid understanding of development, quality assurance, and integration methodologies. Must have a minimum of four (4) year of specialized experience in the development of IT applications for complex IT projects.

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Line #	Temp IT Personnel Services Positions (T013)	Pos. Level	Intergraph Government Solutions	GDH Government Services, LLC	Software Engineering Services	Advanced Systems Design, Inc.	Integrated Computer Systems, Inc.	22 <sup>nd</sup> Century Technologies
10	IT Applications Developer	I	48.00	59.50	45.17	41.00	65.00	55.00
11		II	61.00	68.00	58.15	61.08	80.00	69.00
12		III	79.00	85.00	71.91	88.01	110.00	82.00

**IT Web Applications Developer – 013, 014, and 015**

**IT Web Applications Developer:** projects include the design, implementation and/or maintenance of websites at the contract user’s level. Develops, maintains, and supports applications for contract users Internet/intranet sites. Gathers and analyzes requirements. Programs all or selected components of Web applications. Documents components and applications. Develops automation techniques to enable end-user content publishing; programs, tests and implements mapped graphic images, forms and HTML pages. Resolves client browser support inquiries; maintains links to external sites and ensures accuracy on internal links while providing up-to-date information. Researches, evaluates, and recommends new Internet tools and applications for use in supporting the contract users’ business model.

IT Web Applications Developer I (013)	IT Web Applications Developer II (014)	IT Web Applications Developer III (015)
This is mid-level professional web development work. Develops, maintains, and supports applications for the contract users' Internet/intranet sites. Gathers and analyzes requirements. Programs all or selected components of Web applications. Documents components and applications. Employees in this class are responsible for analyzing and evaluating existing web applications and designing and developing new or enhanced applications to support end-user needs. Works on small to large, complex projects that require increased skill in multiple technical environments and possesses knowledge in a specific business area.	This is professional web development work. Employees in this class are responsible for designing and developing new or enhanced web applications to support end-user needs. Develops automation techniques to enable end-user content publishing; programs, tests and implements mapped graphic images, forms and HTML pages; handles client browser support inquiries; maintains links to external sites and accuracy on internal links while ensuring up-to-date information. Works on large, complex projects that require increased skill in multiple technical environments and possesses knowledge in a specific business area. Develops, maintains, and supports applications for the enterprise's Internet/intranet sites.	Works on large, complex projects that require increased skill in multiple technical environments and possesses knowledge in a specific business area. Develops, maintains, and supports applications for the enterprise's Internet/intranet sites. Gathers and analyzes requirements. Programs all or selected components of Web applications. Documents components and applications. Researches, evaluates, and recommends new Internet tools and applications for use in assigned responsibilities. This job is at the senior level and requires experience in a variety of the more difficult Web tools and languages. Works on one or more projects as a project team member or project leader. This job requires a minimum of two (2) years' experience in two or more of the more difficult Web tools and languages. Must have a minimum of four (4) year of specialized experience in the development of web applications for complex IT projects.
Bachelor’s degree in Computer Science, Math, Information Technology or a related field, including 2 courses in web development.	Bachelor’s degree in Computer Science, Math, Information Technology or a related field, including two (2) courses in web development.	Bachelor’s or Master’s degree (preferable) in Computer Science, Math, Information Technology or a related field, including four (4) courses in web development.
Two (2) years of experience in computer programming utilizing web development tools to create applications for the contract users' Internet/intranet sites.	Four (4) years of experience in computer programming utilizing web development tools to create applications for the contract users' Internet/intranet sites.	Six (6) years of experience in computer programming utilizing web development tools to create applications for the enterprises Internet/intranet sites.

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13	IT Web Applications Developer	I	48.00	59.50	53.30	43.86	65.00	45.00
14		II	61.00	76.50	64.82	63.12	80.00	55.00
15		III	79.00	85.00	75.65	88.01	115.00	65.00

**IT GIS Applications Developer 016, 017, and 018**

**IT GIS Applications Developer:** Responsible for highly technical professional level projects performing complex geographic and geospatial programming and systems analysis work for contract users. Responsible for systems application design and modification. Provides the design, development, and implementation of GIS applications and systems integration solutions that span multiple environments. Develops geographical decision support tools to enhance the business processes of contract users.

IT GIS Applications Developer I (016)	IT GIS Applications Developer II (017)	IT GIS Applications Developer III (018)
This is mid-level professional geospatial programming and analysis work. Employees in this class are responsible for analyzing and evaluating existing GIS applications and designing and developing new or enhanced applications to support end-user needs.	This is professional geospatial programming and analysis work performing complex geographic and geospatial programming and systems analysis work. Employees in this class are responsible for systems application design and modification and managing the design, development, and implementation of GIS applications and systems integration solutions that span multiple environments.	The GIS Application Developer is highly technical professional level work performing complex geographic and geospatial programming and systems analysis work. Responsible for systems application design and modification and managing the design, development, and implementation of GIS applications and systems integration solutions that span multiple environments. Work at this level requires full proficiency with a minimum of two (2) years' experience in two or more GIS software tools and languages. Must have a minimum of four (4) year of specialized experience in the development of GIS applications for complex IT projects.
Associate's degree in Computer Science, Math, Information Technology or a related field, including two (2) courses in GIS programming.	Bachelor's degree in Computer Science, Math, Information Technology or a related field, is including four (4) courses in GIS programming.	Bachelor's or Master's degree (preferable) in Computer Science, Math, Information Technology or a related field, including 6 courses in GIS, two (2) of which must be programming courses.
Two (2) years of experience in computer programming utilizing GIS software tools to manipulate databases or files and produce outputs and reports.	Four (4) years of experience in computer programming utilizing GIS software tools to manipulate databases or files and produce outputs and reports.	Six (6) years of experience in specialized experience in the development of GIS applications for complex IT projects. Work at this level requires full proficiency with a minimum of two or more GIS software tools and languages.

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16	IT GIS Applications Developer	I	57.00	68.00				32.00
17		II	63.00	76.00				45.00
18		III	78.00	85.00				58.00

**IT Project Manager 019, 020, and 021**

**IT Project Manager:** Responsible for design and implementation of IT projects at the contract users, department or division level. Contract users embrace strong project management in all activities to identify and control project risks and ensure projects are completed on time and within budget to an agreed quality level. Bidder must possess extensive knowledge and expertise in the use of project management methodologies and tools, resource management practices and change management techniques. Bidder must demonstrate a solid project management philosophy, with documented methodology and past performance in achieving project success.

IT Project Manager I (019)	IT Project Manager II (020)	IT Project Manager III (021)
PM I will typically be assigned for section or work group projects within a contract users division, they may report to assigned contract users personnel or a more senior PM II. Establishes and implements project management processes and methodologies for a section or work group within a contract user to ensure projects are delivered on time, within budget, adhere to high quality standards and meet customer expectations. Requires a detailed understanding of State of Alabama policies, standards, plans, and procedures. Must have a strong understanding of the State of Alabama IT infrastructure.	PM II will typically report to assigned contract users personnel or a PM III. Establishes and implements project management processes and methodologies at the division level, or to supervise multiple PM I personnel. Routinely works on individual projects within a contract user to ensure projects are delivered on time, within budget, adhere to high quality standards and meet customer expectations. Requires a detailed understanding of State of Alabama policies, standards, plans, and procedures. Must have a strong understanding of the State of Alabama IT infrastructure.	PM III establishes and implements project management processes and methodologies for the IT community to ensure projects are delivered on time, within budget, adhere to high quality standards and meet customer expectations. PM III will typically be assigned to the departmental or divisional level of a contract user to serve as overall project manager for multiple projects within the contract user or to manage a single large scale project with enterprise wide implications. May supervise multiple PM I and PM II personnel on individual projects. Requires a detailed understanding of the State of Alabama policies, standards, plans, and procedures. Must have a strong understanding of the State of Alabama IT infrastructure.
Bachelor's degree in Computer Science, Management, Information Technology or a related field.	Bachelor's degree in Computer Science, Management, Information Technology or a related field.	Bachelor's degree (Master's degree - preferable) in Computer Science, Management, Information Technology or a related field.
Two (2) years of IT project management experience and certification in an established project management methodology.	Five (5) years of progressive IT project management experience and requires Project Management Professional (PMP) certification.	Eight (8) years of progressive IT project management experience. Requires Project Management Professional (PMP) certification.

Gen	12-X-2236181		4012123	4012124	4012125	4012126	4012127	4012573
Line #	Temp IT Personnel Services Positions (T013)	Pos. Level	Intergraph Government Solutions	GDH Government Services, LLC	Software Engineering Services	Advanced Systems Design, Inc.	Integrated Computer Systems, Inc.	22 <sup>nd</sup> Century Technologies
19	IT Project Manager	I	57.00	65.90	65.00	69.88	80.00	65.00
20		II	63.00	85.00	76.57	85.00	92.00	84.00
21		III	100.00	105.00	88.53	100.00	125.00	94.00

**IT Business Analyst – 022, 023, and 024**

**IT Business Analyst:** Responsible for conducting a wide range of projects requiring the analysis and research of IT solutions to support the business processes of the contract users. These solutions must be aligned with business and strategies of the contract users and comply with the organization's architectural standards. Provides specifications and design of deliverables related to assigned project(s) along with post implementation support and system enhancements. Responsible for gathering, compiling, and synthesizing information with regard to technology processes and selecting appropriate tools to enhance the integrity of business systems and software. Includes work on small to large, complex projects that require increased skill in multiple technical environments.

IT Business Analyst I (022)	IT Business Analyst II (023)	IT Business Analyst III (024)
Establishes and implements business process improvements at the contract users' division level. Must have experience in minicomputer or client/server environments including the implementation and support of IT planning, financial, and government services. Requires knowledge of client/server architecture, application development, planning, organizing, and integrating functions in a centralized environment. Emphasis is on providing optimal IT systems and services within budgetary constraints to support the business needs of the contract users.	Establishes and implements department-wide business process improvements. May supervise multiple Business Analyst-I personnel. Must have an in-depth understanding of technical and social issues across a wide variety of the State of Alabama platforms including, mainframe, networks, UNIX, and Windows. Must have experience in minicomputer or client/server environments including the implementation and support of IT planning, financial, and government services. Requires knowledge of client/server architecture, application development, planning, organizing, and integrating functions in a centralized environment. Emphasis is on providing optimal IT systems and services within budgetary constraints to support the business needs of the department.	Directs analysis of the operational functions in a large organization and recommends efficiencies to increase productivity while meeting the objectives of the contract users' business model. Develops enterprise wide analytics including cost analysis, feasibility studies, IT strategic planning, and process improvement. Requires knowledge of client/server architecture, application development, planning, organizing, and integrating functions in a centralized environment. Emphasis is on providing optimal IT systems and services within budgetary constraints to support the business needs of the contract users.
Bachelor's in Computer Science, Management, Information Technology or a related field.	Bachelor's in Computer Science, Management, Information Technology or a related field.	Bachelor's degree (Master's degree - preferable) in Computer Science, Management, Information Technology or a related field.
Must include a minimum of at least two (2) years' experience performing responsible work analyzing all aspects of the IT environment and providing recommendations for specific issues necessary to ensure the success of complex IT projects.	Requires a minimum of four (4) years' experience leveraging both IT solutions and business process improvements in the government environment. Must include experience performing responsible work analyzing all aspects of the IT environment and providing recommendations for specific issues necessary to ensure the department meets operational objectives.	Requires a minimum of six (6) years' experience leveraging both IT solutions and business process improvements in the government environment. Must include experience performing responsible work analyzing all aspects of the IT environment and providing the timely decision support required by management to ensure the success of the overall contract users' mission.

Gen	12-X-2236181		4012123	4012124	4012125	4012126	4012127	4012573
Line #	Temp IT Personnel Services Positions (T013)	Pos. Level	Intergraph Government Solutions	GDH Government Services, LLC	Software Engineering Services	Advanced Systems Design, Inc.	Integrated Computer Systems, Inc.	22 <sup>nd</sup> Century Technologies
22	IT Business Analyst	I	59.00	49.25	59.77	51.00		50.00
23		II	61.00	61.33	70.60	67.00		65.00
24		III	84.00	76.00	79.39	79.88		75.00

**Contract Summary Temp IT Personnel Services (T013) - Additions**

Add	14-X-2260061	4012912	4012913	4012914	4012915	4012916	4012917	4012918	4012919	4012920	4012921	4012922	4012923
Line #	Temp IT Personnel Services Additions (T013)	International Projects Consultancy Services, Inc.	Computer Aid, Inc.	Summit 7 Systems, Inc.	Intergraph Government Solutions	GDH Government Services, LLC	22nd Century Tech.	TEK Systems	The CSI Companies *cancelled*	Advanced Systems Design, Inc.	Integrated Computer Solutions, Inc.	MMC Systems, Inc.	System Soft Tech.
26	SharePoint Administrator	65.00	65.55	137.00	70.00	90.00	70.00	75.00	75.00				
27	Senior SharePoint Administrator	70.00	81.43	196.00	75.00	105.00	78.00	95.00	85.00				
28	SharePoint Designer	73.00	71.24	159.00	95.00	87.00	80.00	98.95	90.00				
29	SharePoint Developer	70.00	77.04	182.00	85.00	87.00	80.00	92.00	95.00				
30	Senior SharePoint Developer	73.00	79.41	205.00	89.00	107.00	86.00	105.00	110.00				
31	SharePoint Architect	80.00	97.45	205.00	95.00	120.00	100.00	118.00	125.00				
32	Senior SharePoint Architect	90.00	106.51	228.00	106.00	160.00	110.00	128.00	200.00				
33	IT Architect I		78.29		77.00	80.00	100.00	88.00	120.00	92.40	55.00		
34	IT Architect II		85.69		87.00	115.00	115.00	97.00	135.00	105.60	65.00		
35	IT Architect III		92.71		95.00	130.00	125.00	109.00	220.00	123.20	105.00		
36	IT Training Specialist I			137.00	49.00	55.00		55.00	50.00		35.00		
37	IT Training Specialist II			159.00	55.00	65.00		61.00	60.00		55.00		
38	IT Training Specialist III			205.00	75.00	80.00		76.00	90.00		100.00		
39	IT Enterprise Architect I		93.54	205.00	86.00	105.00		103.00		105.60	65.00		
40	IT Enterprise Architect II		103.22	228.00	98.00	120.00		112.00		123.20	85.00		
41	IT Enterprise Architect III		112.28	250.00	108.00	140.00		120.00		140.80	145.00		
42	IT Enterprise Architect Master	120.00	122.95	273.00	119.00	165.00			300.00	149.60	179.00		
43	IT Telephony Specialist Master			228.00	108.00	140.00		108.00	200.00		151.00		
44	IT Applications Developer Master		90.97	228.00	125.00	125.00	105.00	105.00	150.00		162.00		
45	IT Project Manager Master	115.00	106.49		115.00	130.00	110.00	110.00				95.00	105.00
46	IT Business Analyst Master	95.00	92.64		135.00	104.00	95.00	96.00				80.00	90.00

\*Note: Line 025 contains TRAVEL as required by the statement of work. To be reimbursed at the current State of Alabama rates per section VI.6.3 of the original bid specifications.

**SharePoint IT Specialists – 026 and 027**

**SharePoint IT Specialists:** Responsible for professional level projects supporting data and voice communications equipment, mainframe, client server, and network operations.

<b>SharePoint Administrator (026)</b>		<b>Senior SharePoint Administrator (027)</b>
<p>This professional is responsible for the following SharePoint administration duties:</p> <ul style="list-style-type: none"> <li>• Managing and checking the overall server health and functionality.</li> <li>• Monitoring SharePoint disk space usage through the built-in SharePoint reports for each site collection.</li> <li>• Managing SharePoint permissions.</li> <li>• Analyzing and reporting upon SharePoint usage and activity.</li> <li>• Moving/copying sites supporting network load balancing needs and ensuring its correct operation (NLB).</li> <li>• Regular review of the events and messages reported in Event Viewer and Performance Monitor Regular review, clean-up, management and configuration of SharePoint accounts and sites.</li> <li>• Regularly analyzing SharePoint content and storage.</li> <li>• Monitoring SharePoint trends (e.g. site usage and growth, disk space usage and growth).</li> <li>• Setting up alerts and enforcing policies.</li> <li>• Regularly auditing your SharePoint environment.</li> <li>• Identifying and reporting governance violations.</li> <li>• Checking for operating system, SQL Server and SharePoint patches and cumulative updates.</li> <li>• Participate in planning and execution of tasks related to the evaluation of new SharePoint based initiatives (Initial Installation and configuration Upgraded Versions, Third-Party Solutions, Integration with additional Enterprise Systems).</li> </ul>		<p>This professional is responsible for the following SharePoint administration duties:</p> <ul style="list-style-type: none"> <li>• Managing and checking the overall server health and functionality.</li> <li>• Monitoring SharePoint disk space usage through the built-in SharePoint reports for each site collection.</li> <li>• Managing SharePoint permissions.</li> <li>• Analyzing and reporting upon SharePoint usage and activity.</li> <li>• Moving/copying sites supporting network load balancing needs and ensuring its correct operation (NLB).</li> <li>• Regular review of the events and messages reported in Event Viewer and Performance Monitor Regular review, clean-up, management and configuration of SharePoint accounts and sites.</li> <li>• Regularly analyzing SharePoint content and storage.</li> <li>• Monitoring SharePoint trends (e.g. site usage and growth, disk space usage and growth).</li> <li>• Setting up alerts and enforcing policies.</li> <li>• Regularly auditing your SharePoint environment.</li> <li>• Identifying and reporting governance violations.</li> <li>• Checking for operating system, SQL Server and SharePoint patches and cumulative updates.</li> <li>• May be required to mentor other members of the staff on SharePoint Technologies.</li> <li>• Participate in planning and execution of tasks related to the evaluation of new SharePoint based initiatives (Initial Installation and configuration Upgraded Versions, Third-Party Solutions, Integration with additional Enterprise Systems).</li> <li>• Work with IT Project Managers and Business Analysts to design and develop solutions to address business needs and opportunities, and propose changes that would make the SharePoint environment a more effective solution.</li> </ul>
<p style="text-align: center;"><b><u>Education</u></b></p> <p><b>The following are minimum educational and certification requirements that <u>apply to all SharePoint IT services positions (026 – 032)</u>.</b></p> <ul style="list-style-type: none"> <li>• High school diploma or G.E.D. from a recognized, accredited educational institution is required.</li> <li>• Associate’s degree or greater in Computer Science, Management, Information Technology or a related field is preferred.</li> <li>• Microsoft certification for SharePoint and related products are preferred.</li> </ul>		<p style="text-align: center;"><b><u>Education</u></b></p> <p><b>The following are minimum educational and certification requirements that <u>apply to all SharePoint IT services positions (026 – 032)</u>.</b></p> <ul style="list-style-type: none"> <li>• High school diploma or G.E.D. from a recognized, accredited educational institution is required.</li> <li>• Associate’s degree or greater in Computer Science, Management, Information Technology or a related field is preferred.</li> <li>• Microsoft certification for SharePoint and related products are preferred.</li> </ul>

- Experience and Credentials**
- Minimum of 3 years' experience with Microsoft Windows operating systems and hardware including administration of a server with ability to correctly apply service packs and hot fixes.
  - Minimum of 1 year experience in networking, including IP, DNS, load balancing, concepts of Availability, Scalability, and Maintainability including knowledge of firewalls, encryption and security zones.
  - Minimum of 3 years' experience with Internet Information Server (IIS) and the basic operation of websites, Application Pools, IIS Administration, the IIS Metabase, Ports, SSL Certifications (security certificates and wildcard certificates).
  - Minimum of 3 years' experience with Microsoft SQL Server - basic operation, tuning, transaction log selection, backup and recovery, and maintenance planning.
  - Minimum of 1 year experience with SharePoint Central Administration, STSADM, and PowerShell administration modules.
  - Minimum of 3 years' experience with SharePoint Event Log troubleshooting, search administration and troubleshooting, concepts of a SharePoint Farm, planning and implementation of Service Packs and Cumulative Updates.

- Experience and Credentials**
- Minimum of 5 years' experience with Microsoft Windows operating systems and hardware including administration of a server with ability to correctly apply service packs and hot fixes.
  - Minimum of 3 years' experience in networking, including IP, DNS, load balancing, concepts of Availability, Scalability, and Maintainability including advanced knowledge of firewalls, encryption and security zones.
  - Minimum of 5 years' experience with Internet Information Server (IIS) and the basic operation of websites, Application Pools, IIS Administration, the IIS Metabase, Ports, SSL Certifications (security certificates and wildcard certificates).
  - Minimum of 5 years' experience with Microsoft SQL Server including basic operation, tuning, transaction log selection, backup and recovery, and maintenance planning.
  - Minimum of 3 years' experience with SharePoint Central Administration, STSADM, and PowerShell administration modules.
  - Minimum of 5 years' experience with SharePoint Event Log troubleshooting, search administration and troubleshooting, concepts of a SharePoint Farm, planning and implementation of Service Packs and Cumulative Updates.
  - Minimum of 3 years' experience leading or mentoring other IT staff on SharePoint Technologies.

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Line #	Temp IT Personnel Services Additions (T013)	International Projects Consultancy Services, Inc.	Computer Aid, Inc.	Summit 7 Systems, Inc.	Intergraph Government Solutions	GDH Government Services, LLC	22nd Century Tech.	TEK Systems	The CSI Companies *cancelled*	Advanced Systems Design, Inc.	Integrated Computer Solutions, Inc.	MMC Systems, Inc.	System Soft Tech.
26	SharePoint Administrator	65.00	65.55	137.00	70.00	90.00	70.00	75.00	75.00				
27	Senior SharePoint Administrator	70.00	81.43	196.00	75.00	105.00	78.00	95.00	85.00				

**SharePoint IT Specialists (continued) – 028, 029, and 030**

**SharePoint IT Specialists:** Responsible for professional level projects supporting data and voice communications equipment, mainframe, client server, and network operations.

<b>SharePoint Designer (028)</b>	<b>SharePoint Developer (029)</b>	<b>Senior SharePoint Developer (030)</b>
<p>This professional is responsible for the following SharePoint administration duties:</p> <ul style="list-style-type: none"> <li>• Design and customize business solutions within the framework of the customer’s current SharePoint environment.</li> <li>• Maintain SharePoint site collections, team, collaboration and project sites using standard templates.</li> <li>• Experience in branding, customization and integration efforts for enterprise solutions involving collaboration, portals, enterprise search, workflow and enterprise content management systems utilizing Microsoft SharePoint 2007 – 2013, as required.</li> <li>• Work with end-users to develop and document requirements.</li> <li>• Make recommendations on best solutions to meet users’ business requirements.</li> <li>• Effectively analyze business processes identifying areas of redundancy, potential for re-use and consolidation, process conflicts, and technical limitations.</li> <li>• Train and support end-users on SharePoint components and functionalities</li> <li>• Develop and communicate SharePoint site usage, security policies and standards to all users</li> </ul>	<p>This professional is responsible for the following SharePoint administration duties:</p> <ul style="list-style-type: none"> <li>• Effectively analyze business processes identifying areas of redundancy, potential for re-use and consolidation, process conflicts, and technical limitations.</li> <li>• Develop, customize and integrate efforts for enterprise solutions involving Collaboration, Portals, Enterprise Search, Workflow and Enterprise Content Management systems utilizing Microsoft SharePoint 2007 - 2013, as required.</li> <li>• Solutions would be expected to be fault tolerant, manageable, upgradable, and adaptable.</li> <li>• Make recommendations on best solutions to meet users’ business requirements.</li> <li>• Custom solutions are only considered when “out of the box” components cannot be configured to meet the requirements.</li> <li>• Develop Web parts, Features, User Controls, Event Receivers and Packaged Solutions in SharePoint 2007 - 2013 that meet the client’s requirements and constraints.</li> <li>• Create Custom workflows using SharePoint Designer or Visual Studio and create custom workflow actions.</li> <li>• Document all code appropriately and provide deployment instructions for customer deliverables.</li> <li>• Provide technical support of InfoPath forms, including communicating the location of form libraries, their purpose and workflows.</li> <li>• Test and troubleshoot all developed code or solutions.</li> </ul>	<p>This professional is responsible for the following SharePoint administration duties:</p> <ul style="list-style-type: none"> <li>• Effectively analyze business processes identifying areas of redundancy, potential for re-use and consolidation, process conflicts, and technical limitations.</li> <li>• Develop, customize and integrate efforts for enterprise solutions involving Collaboration, Portals, Enterprise Search, Workflow and Enterprise Content Management systems utilizing Microsoft SharePoint 2007 - 2013, as required.</li> <li>• Solutions would be expected to be fault tolerant, manageable, upgradable, and adaptable.</li> <li>• Custom solutions are only considered when “out of the box” components cannot be configured to meet the requirements.</li> <li>• Develop Web parts, Features, User Controls, Event Receivers and Packaged Solutions in SharePoint 2007 - 2013 that meet the client’s requirements and constraints.</li> <li>• Create Custom workflows using SharePoint Designer or Visual Studio and create custom workflow actions.</li> <li>• Document all code appropriately and provide deployment instructions for customer deliverables.</li> <li>• Provide technical support of InfoPath forms, including communicating the location of form libraries, their purpose and workflows.</li> <li>• Test and troubleshoot all developed code or solutions</li> <li>• May be required to mentor other members of the staff on SharePoint Technologies.</li> </ul>
<p>[See Educational and Certifications requirements in SharePoint Administrator (026) block]</p>	<p>[See Educational and Certifications requirements in SharePoint Administrator (026) block]</p>	<p>[See Educational and Certifications requirements in SharePoint Administrator (026) block]</p>

<u>Experience and Credentials</u>	<u>Experience and Credentials</u>	<u>Experience and Credentials</u>
<ul style="list-style-type: none"> <li>• Minimum of 3 years' experience implementing "out of the box" SharePoint features and SharePoint Web parts and applications to build solutions.</li> <li>• Minimum of 3 years' experience with SharePoint 2007 – 2013 and current SharePoint version features and functionality.</li> <li>• Minimum of 3 years' experience designing and implementing business solutions using the customer's current SharePoint environment.</li> <li>• Minimum of 3 years' experience implementing SharePoint site collections, sites, lists, libraries, and pages.</li> <li>• Minimum of 3 years' experience building SharePoint Designer workflows and implementing built in SharePoint workflows.</li> <li>• Minimum of 3 years' experience integrating Microsoft Office programs (e.g., Access, Word, Outlook, InfoPath, Excel, PowerPoint) with SharePoint.</li> <li>• Minimum of 3 years' experience using Report Builder to integrate SSRS Reports in SharePoint.</li> <li>• Minimum of 3 years' experience working with end-users to develop and document requirements.</li> </ul>	<ul style="list-style-type: none"> <li>• Minimum of 3 years' experience with C# and/or VB.NET, ASP.Net, XML, JavaScript, CSS3, HTML5, CAML, SharePoint Object Model.</li> <li>• Minimum of 3 years' experience with .NET 4.0/3.5/3.0 technologies including WCF, WPF, and WF.</li> <li>• Minimum of 3 years development experience with SharePoint 2007 - 2013 working with the application framework utilized by each product version.</li> <li>• Minimum of 1 year experience working with Software Development Life Cycle methods.</li> <li>• Minimum of 3 years development experience with Microsoft Visual Studio.NET, Microsoft SQL Server, Microsoft SQL Server Reporting Services, InfoPath, Workflow, Visual SourceSafe, Microsoft Team Foundation Server and SharePoint Designer.</li> </ul>	<ul style="list-style-type: none"> <li>• Minimum of 5 years' experience with C# and/or VB.NET, ASP.Net, XML, JavaScript, CSS3, HTML5, CAML, SharePoint Object Model.</li> <li>• Minimum of 5 years' experience with .NET 4.0/3.5/3.0 technologies including WCF, WPF, and WF.</li> <li>• Minimum of 5 years development experience with SharePoint 2007 - 2013 working with the application framework utilized by each product version.</li> <li>• Minimum of 3 years' experience working with Software Development Life Cycle methods.</li> <li>• Minimum of 5 years development experience with Microsoft Visual Studio.NET, Microsoft SQL Server, Microsoft SQL Server Reporting Services, InfoPath, Workflow, Visual SourceSafe, Microsoft Team Foundation Server and SharePoint Designer.</li> <li>• Minimum of 3 years' experience leading or mentoring other IT staff on SharePoint Technologies.</li> </ul>

Add	14-X-2260061	4012912	4012913	4012914	4012915	4012916	4012917	4012918	4012919	4012920	4012921	4012922	4012923
Line #	Temp IT Personnel Services Additions (T013)	International Projects Consultancy Services, Inc.	Computer Aid, Inc.	Summit 7 Systems, Inc.	Intergraph Government Solutions	GDH Government Services, LLC	22nd Century Tech.	TEK Systems	The CSI Companies *cancelled*	Advanced Systems Design, Inc.	Integrated Computer Solutions, Inc.	MMC Systems, Inc.	System Soft Tech.
28	SharePoint Designer	73.00	71.24	159.00	95.00	87.00	80.00	98.95	90.00				
29	SharePoint Developer	70.00	77.04	182.00	85.00	87.00	80.00	92.00	95.00				
30	Senior SharePoint Developer	73.00	79.41	205.00	89.00	107.00	86.00	105.00	110.00				

**SharePoint IT Specialists (continued) – 031 and 032**

**SharePoint IT Specialists:** Responsible for professional level projects supporting data and voice communications equipment, mainframe, client server, and network operations.

SharePoint Architect (031)		Senior SharePoint Architect (032)
<p>This professional is responsible for the following SharePoint administration duties:</p> <ul style="list-style-type: none"> <li>• Oversee the SharePoint Portal Server infrastructure, user access and application deployment.</li> <li>• Support the installation, configuration, security, operation, and maintenance of all web portal servers, equipment, and software related to SharePoint infrastructure.</li> <li>• Participate in planning and execution of tasks related to the evaluation of new SharePoint based initiatives (Initial Installation and configuration Upgraded Versions, Third-Party Solutions, Integration with additional Enterprise Systems).</li> <li>• Perform typical system administrative activities such as site creation, user training, backup, restore and issue resolution on an as needed basis.</li> <li>• Work with IT Project Managers and Business Analysts to design and develop solutions to address business needs and opportunities, and propose changes that would make the SharePoint environment a more effective solution.</li> <li>• Examine requirements documents and create technical design documents, unit test, system test and implementation plans for small to complex projects.</li> <li>• Maintain and administer Microsoft SharePoint Servers, including daily monitoring, troubleshooting and performance analysis; as well as perform as the SharePoint Subject Matter Expert (SME). Provide technical guidance to the team in the technologies related to the development and support of an Enterprise SharePoint environment (understanding relationship with active directory, SQL, IIS, SSRS, etc.).</li> <li>• Use judgment and creativity to design coding approach to meet requirements/specifications as provided by business analysts and software development managers.</li> </ul>		<p>This professional is responsible for the following SharePoint administration duties:</p> <ul style="list-style-type: none"> <li>• Oversee the SharePoint Portal Server infrastructure, user access and application deployment.</li> <li>• Support the installation, configuration, security, operation, and maintenance of all web portal servers, equipment, and software related to SharePoint infrastructure.</li> <li>• Participate in planning and execution of tasks related to the evaluation of new SharePoint based initiatives (Initial Installation and configuration Upgraded Versions, Third-Party Solutions, Integration with additional Enterprise Systems).</li> <li>• Perform typical system administrative activities such as site creation, user training, backup, restore and issue resolution on an as needed basis.</li> <li>• Work with IT Project Managers and Business Analysts to design and develop solutions to address business needs and opportunities, and propose changes that would make the SharePoint environment a more effective solution.</li> <li>• Examine requirements documents and create technical design documents, unit test, system test and implementation plans for small to complex projects.</li> <li>• Maintain and administer Microsoft SharePoint Servers, including daily monitoring, troubleshooting and performance analysis; as well as perform as the SharePoint Subject Matter Expert (SME). Provide technical guidance to the team in the technologies related to the development and support of an Enterprise SharePoint environment (understanding relationship with active directory, SQL, IIS, SSRS, etc.).</li> <li>• Use judgment and creativity to design coding approach to meet requirements/specifications as provided by business analysts and software development managers.</li> </ul>
[See Educational and Certifications requirements in SharePoint Administrator (026) block]		[See Educational and Certifications requirements in SharePoint Administrator (026) block]
<p><b><u>Experience and Credentials</u></b></p> <ul style="list-style-type: none"> <li>• Minimum of 3 years' experience in IT systems design, maintenance, and support which includes administration of multi-server SharePoint environments.</li> <li>• Minimum of 3 years' experience with SharePoint Server 2007 - 2013 administration and IIS setup and troubleshooting experience required.</li> <li>• Minimum of 3 years' experience in SharePoint Site and Central Administration (e.g., configuring and managing SharePoint Services, site collection administration, site creation, feature configuration).</li> <li>• Minimum of 3 experience managing and troubleshooting SharePoint Service Applications, Search Service, Forms Services, Excel Services, FAST, Secure Store, Performance Point, Reporting Services, User Profile Service and Enterprise Managed Metadata.</li> <li>• Minimum of 3 years' experience with SharePoint Server interaction and configuration including IIS and SQL Server.</li> <li>• Minimum of 3 years' experience with Active Directory and Microsoft operating systems.</li> <li>• Minimum of 3 years' experience creating and configuring SharePoint Web applications using classic windows or claims based authentication.</li> <li>• Minimum of 3 years' experience with PowerShell scripting and management of SharePoint.</li> </ul>		<p><b><u>Experience and Credentials</u></b></p> <ul style="list-style-type: none"> <li>• Minimum of 5 years' experience in IT systems design, maintenance, and support which includes administration of multi-server SharePoint environments.</li> <li>• Minimum of 5 years' experience with SharePoint Server 2007 - 2013 administration and IIS setup and troubleshooting experience.</li> <li>• Minimum of 5 years' experience in SharePoint Site and Central Administration (e.g., configuring and managing SharePoint Services, site collection administration, site creation, feature configuration).</li> <li>• Minimum of 5 years' experience managing and troubleshooting SharePoint Service Applications, Search Service, Forms Services, Excel Services, FAST, Secure Store, Performance Point, Reporting Services, User Profile Service and Enterprise Managed Metadata.</li> <li>• Minimum of 5 years' experience in SharePoint Server interaction and configuration with IIS, SQL Server.</li> <li>• Minimum of 5 years' experience with Active Directory and Microsoft operating systems.</li> </ul>

Add	14-X-2260061	4012912	4012913	4012914	4012915	4012916	4012917	4012918	4012919	4012920	4012921	4012922	4012923
Line #	Temp IT Personnel Services Additions (T013)	International Projects Consultancy Services, Inc.	Computer Aid, Inc.	Summit 7 Systems, Inc.	Intergraph Government Solutions	GDH Government Services, LLC	22nd Century Tech.	TEK Systems	The CSI Companies *cancelled*	Advanced Systems Design, Inc.	Integrated Computer Solutions, Inc.	MMC Systems, Inc.	System Soft Tech.
31	SharePoint Architect	80.00	97.45	205.00	95.00	120.00	100.00	118.00	125.00				
32	Senior SharePoint Architect	90.00	106.51	228.00	106.00	160.00	110.00	128.00	200.00				

**IT Architects – 033, 034 and 035**

**IT Architects:** Generally, the ITA will conceive, experiment with, and present architectural approaches for information technology and systems, including software integration, infrastructure, and data processes, in support of business needs. The ITA designs new information technology systems and ensure architectural integrity and consistency across the entire product.

IT Architect I (033)	IT Architect II (034)	IT Architect III (035)
<p>This professional must have strong knowledge of and working experience with the following core domains/sub domains:</p> <ul style="list-style-type: none"> <li>• <u>Application/Integration Components</u> <ul style="list-style-type: none"> <li>○ Custom applications development</li> <li>○ Definitions of application services</li> <li>○ Process alignment</li> <li>○ Enterprise services and event architectures</li> </ul> </li> <li>• <u>Information/Data</u> <ul style="list-style-type: none"> <li>○ Data integration &amp; architecture</li> <li>○ Data management</li> <li>○ Metadata management</li> <li>○ Data delivery architecture</li> <li>○ Dashboards &amp; analytics</li> <li>○ Business intelligence</li> <li>○ Enterprise reporting</li> <li>○ Performance management</li> <li>○ Data quality and quality</li> <li>○ Content management</li> </ul> </li> <li>• <u>Technical/Infrastructure</u> <ul style="list-style-type: none"> <li>○ Servers</li> <li>○ Networks</li> <li>○ Telecom</li> <li>○ Operation Systems</li> <li>○ Desktop</li> <li>○ Middleware</li> <li>○ Database infrastructure</li> <li>○ Security</li> <li>○ Storage</li> <li>○ Other hardware</li> </ul> </li> </ul>	<p>This professional must have strong knowledge of and working experience with the following core domains/sub domains:</p> <ul style="list-style-type: none"> <li>• <u>Application/Integration Components</u> <ul style="list-style-type: none"> <li>○ Custom applications development</li> <li>○ Definitions of application services</li> <li>○ Process alignment</li> <li>○ Enterprise services and event architectures</li> </ul> </li> <li>• <u>Information/Data</u> <ul style="list-style-type: none"> <li>○ Data integration &amp; architecture</li> <li>○ Data management</li> <li>○ Metadata management</li> <li>○ Data delivery architecture</li> <li>○ Dashboards &amp; analytics</li> <li>○ Business intelligence</li> <li>○ Enterprise reporting</li> <li>○ Performance management</li> <li>○ Data quality and quality</li> <li>○ Content management</li> </ul> </li> <li>• <u>Technical/Infrastructure</u> <ul style="list-style-type: none"> <li>○ Servers</li> <li>○ Networks</li> <li>○ Telecom</li> <li>○ Operation Systems</li> <li>○ Desktop</li> <li>○ Middleware</li> <li>○ Database infrastructure</li> <li>○ Security</li> <li>○ Storage</li> <li>○ Other hardware</li> </ul> </li> </ul>	<p>This professional must have strong knowledge of and working experience with the following core domains/sub domains:</p> <ul style="list-style-type: none"> <li>• <u>Application/Integration Components</u> <ul style="list-style-type: none"> <li>○ Custom applications development</li> <li>○ Definitions of application services</li> <li>○ Process alignment</li> <li>○ Enterprise services and event architectures</li> </ul> </li> <li>• <u>Information/Data</u> <ul style="list-style-type: none"> <li>○ Data integration &amp; architecture</li> <li>○ Data management</li> <li>○ Metadata management</li> <li>○ Data delivery architecture</li> <li>○ Dashboards &amp; analytics</li> <li>○ Business intelligence</li> <li>○ Enterprise reporting</li> <li>○ Performance management</li> <li>○ Data quality and quality</li> <li>○ Content management</li> </ul> </li> <li>• <u>Technical/Infrastructure</u> <ul style="list-style-type: none"> <li>○ Servers</li> <li>○ Networks</li> <li>○ Telecom</li> <li>○ Operation Systems</li> <li>○ Desktop</li> <li>○ Middleware</li> <li>○ Database infrastructure</li> <li>○ Security</li> <li>○ Storage</li> <li>○ Other hardware</li> </ul> </li> </ul>

<p style="text-align: center;"><b>Education</b></p> <ol style="list-style-type: none"> <li>1. Master's degree or higher in Computer Science, Information Systems, Engineering or a related discipline plus 1 or more years of experience is required as defined in the Experience and Credentials section below -or-</li> <li>2. Bachelor's degree in Computer Science, Information Systems, Engineering or a related discipline plus 2 or more years of experience is required as defined in the Experience and Credentials section below</li> </ol>	<p style="text-align: center;"><b>Education</b></p> <ol style="list-style-type: none"> <li>1. PhD degree in Computer Science, Information Systems, Engineering or a related discipline plus 1 or more years of experience is required as defined in the Experience and Credentials section below -or-</li> <li>2. Master's degree in Computer Science, Information Systems, Engineering or a related discipline plus 2 or more years of experience is required as defined in the Experience and Credentials section below -or-</li> <li>3. Bachelor's degree in Computer Science, Information Systems, Engineering or a related discipline plus 4 or more years of experience is required as defined in the Experience and Credentials section below</li> </ol>	<p style="text-align: center;"><b>Education</b></p> <ol style="list-style-type: none"> <li>1. PhD degree in Computer Science, Information Systems, Engineering or a related discipline plus 2 or more years of experience is required as defined in the Experience and Credentials section below -or-</li> <li>2. Master's degree in Computer Science, Information Systems, Engineering or a related discipline plus 4 or more years of experience is required as defined in the Experience and Credentials section below -or-</li> <li>3. Bachelor's degree in Computer Science, Information Systems, Engineering or a related discipline plus 6 or more years of experience is required as defined in the Experience and Credentials section below</li> </ol>
<p style="text-align: center;"><b>Experience and Credentials</b></p> <ol style="list-style-type: none"> <li>1. Recognized certification in IT Architecture desired (e.g., The Open Group IT Architect Certification Program)</li> <li>2. The candidate must have <i>advanced</i> experience in a professional office environment including proficiency in using MS Office Suite</li> <li>3. The candidate must have <i>advanced</i> communications, customer service and client-interfacing skills</li> <li>4. The candidate must have <i>advanced</i> verbal and written communication skills, and project management skills</li> <li>5. Must demonstrate having core foundation knowledge and skills with all phases of the primary domains and sub domains outlined above as required by the SOW (e.g., application/integration, information/data, technical/infrastructure)</li> </ol>	<p style="text-align: center;"><b>Experience and Credentials</b></p> <ol style="list-style-type: none"> <li>1. Recognized certification in IT Architecture required (e.g., The Open Group IT Architect Certification Program)</li> <li>2. The candidate must have <i>superior</i> experience in a professional office environment including proficiency in using MS Office Suite</li> <li>3. The candidate must have <i>superior</i> communications, customer service and client-interfacing skills</li> <li>4. The candidate must have <i>superior</i> verbal and written communication skills, and project management skills</li> <li>5. Must demonstrate having core foundation knowledge and skills with all phases of the primary domains and sub domains outlined above as required by the SOW (e.g., application/integration, information/data, technical/infrastructure)</li> </ol>	<p style="text-align: center;"><b>Experience and Credentials</b></p> <ol style="list-style-type: none"> <li>1. Recognized certification in IT Architecture required (e.g., The Open Group IT Architect Certification Program)</li> <li>2. The candidate must have <i>superior</i> experience in a professional office environment including proficiency in using MS Office Suite</li> <li>3. The candidate must have <i>superior</i> communications, customer service and client-interfacing skills</li> <li>4. The candidate must have <i>superior</i> verbal and written communication skills, and project management skills</li> <li>5. Must demonstrate having core foundation knowledge and skills with all phases of the primary domains and sub domains outlined above as required by the SOW (e.g., application/integration, information/data, technical/infrastructure)</li> </ol>

Add	14-X-2260061	4012912	4012913	4012914	4012915	4012916	4012917	4012918	4012919	4012920	4012921	4012922	4012923
Line #	Temp IT Personnel Services Additions (T013)	International Projects Consultancy Services, Inc.	Computer Aid, Inc.	Summit 7 Systems, Inc.	Intergraph Government Solutions	GDH Government Services, LLC	22nd Century Tech.	TEK Systems	The CSI Companies *cancelled*	Advanced Systems Design, Inc.	Integrated Computer Solutions, Inc.	MMC Systems, Inc.	System Soft Tech.
33	IT Architect I		78.29		77.00	80.00	100.00	88.00	120.00	92.40	55.00		
34	IT Architect II		85.69		87.00	115.00	115.00	97.00	135.00	105.60	65.00		
35	IT Architect III		92.71		95.00	130.00	125.00	109.00	220.00	123.20	105.00		

**IT Training Specialist – 036, 037, and 038**

**IT Training Specialists:** The ITTS is an intermediate or advanced, specialized IT professional capable of developing and implementing IT training programs, and training other IT agency professionals in the use of required hardware, software, or IT methodologies necessary to accomplish the mission of the entity and as specified by the contract user. The ITTS may be required to assist or capable of developing and implementing (based on level) an entity training program. The ideal candidates may be responsible for all phases of developing, implementing, and ensuring the performance of IT training sessions as defined by the contract user and must meet the following capabilities.

IT Training Specialist I (036)	IT Training Specialist II (037)	IT Training Specialist III (038)
<ol style="list-style-type: none"> <li>1. Assist senior staff with the research, design, creation, and maintenance of training materials as determined by the contract user to deploy effective and efficient training programs using entity resources (e.g., MS Office Suite), as specified</li> <li>2. Assist with the coordination and logistics of all training initiatives as well as providing training in multiple environments and methodologies (e.g., remote classroom, computer enabled tutorials, on-the-job training or in-house training sessions)</li> <li>3. Work closely with staff who require skills and knowledge to maintain the entity mission</li> <li>4. Assist with monitoring, evaluating, recording, and reporting the effectiveness of the training program as defined by the SOW</li> <li>5. Conduct surveys, interviews, and other performance observations as necessary to measure the effectiveness and success of the training program</li> <li>6. Assist with training additional staff to augment the specialized requirements of the deployment per the SOW</li> <li>7. Attend meetings and participate in activities of the entity in order to evaluate, and provide suggestions to enhance training programs</li> <li>8. Assist with the development and distribution of training calendars and maintaining training database(s) to track and record staff training portfolios</li> <li>9. Assist with the management of the assigned budget for the training programs and report as required to management whether the assigned budget will cover the training and accomplish the entity training goals</li> </ol>	<ol style="list-style-type: none"> <li>1. Research, design, create, and maintain training materials as determined by the contract user to deploy effective and efficient training programs using entity resources (e.g., MS Office Suite), as specified</li> <li>2. Responsible for the coordination and logistics of all training initiatives as well as providing training in multiple environments and methodologies (e.g., remote classroom, computer enabled tutorials, on-the-job training or in-house training sessions)</li> <li>3. Work closely with staff who require skills and knowledge to maintain the entity mission</li> <li>4. Responsible for monitoring, evaluating, recording, and reporting the effectiveness of the training program as defined by the SOW</li> <li>5. Conduct surveys, interviews, and other performance observations as necessary to measure the effectiveness and success of the training program</li> <li>6. Train additional staff to augment the specialized requirements of the deployment per the SOW</li> <li>7. Attend meetings and participate in activities of the entity in order to evaluate, and provide suggestions to enhance training programs</li> <li>8. Develop and distribute training calendars and maintain training database(s) to track and record staff training portfolios</li> <li>9. Manage the assigned budget for the training programs and report as required to management whether the assigned budget will cover the training and accomplish the entity training goals</li> </ol>	<ol style="list-style-type: none"> <li>1. Research, design, create, and maintain training materials as determined by the contract user to deploy effective and efficient training programs using entity resources (e.g., MS Office Suite), as specified</li> <li>2. Responsible for the coordination and logistics of all training initiatives as well as providing training in multiple environments and methodologies (e.g., remote classroom, computer enabled tutorials, on-the-job training or in-house training sessions)</li> <li>3. Work closely with staff who require skills and knowledge to maintain the entity mission</li> <li>4. Responsible for monitoring, evaluating, recording, and reporting the effectiveness of the training program as defined by the SOW</li> <li>5. Conduct surveys, interviews, and other performance observations as necessary to measure the effectiveness and success of the training program</li> <li>6. Train additional staff to augment the specialized requirements of the deployment per the SOW</li> <li>7. Attend meetings and participate in activities of the entity in order to evaluate, and provide suggestions to enhance training programs</li> <li>8. Develop and deploy training calendars and maintain training database(s) to track and record staff training portfolios</li> <li>9. Manage the assigned budget for the training programs and report as required to management whether the assigned budget will cover the training and accomplish the entity training goals</li> </ol>
<p style="text-align: center;"><b>Education</b></p> <ol style="list-style-type: none"> <li>1. Master’s degree or higher in Computer Science, Information Systems, Engineering or a related discipline plus 1 or more years of experience as defined in the Experience and Credentials section below <b>-or-</b></li> <li>2. Bachelor’s degree in Computer Science, Information Systems, Engineering or a related discipline plus 2 or more years of experience is required as defined in the Experience and Credentials section below</li> </ol>	<p style="text-align: center;"><b>Education</b></p> <ol style="list-style-type: none"> <li>1. Master’s degree or higher in Computer Science, Information Systems, Engineering or a related discipline plus 2 or more years of experience is required as defined in the Experience and Credentials section below <b>-or-</b></li> <li>2. Bachelor’s degree in Computer Science, Information Systems, Engineering or a related discipline plus 4 or more years of experience is required as defined in the Experience and Credentials section below</li> </ol>	<p style="text-align: center;"><b>Education</b></p> <ol style="list-style-type: none"> <li>1. PhD degree in Computer Science, Information Systems, Engineering or a related discipline plus 2 or more years of experience is required as defined in the Experience and Credentials section below <b>-or-</b></li> <li>2. Master’s degree in Computer Science, Information Systems, Engineering or a related discipline plus 4 or more years of experience is required as defined in the Experience and Credentials section below <b>-or-</b></li> <li>3. Bachelor’s degree in Computer Science, Information Systems, Engineering or a related discipline plus 6 or more years of experience is required as defined in the Experience and Credentials section below</li> </ol>

<b>Experience and Credentials</b>	<b>Experience and Credentials</b>	<b>Experience and Credentials</b>
<ol style="list-style-type: none"> <li>The candidate must have experience in a professional office environment including proficiency in using MS Office Suite</li> <li>The candidate must have <i>advanced</i> communications, customer service and client-interfacing skills</li> <li>The candidate must have <i>advanced</i> verbal and written communication skills</li> <li>Certifications in IT training, teaching or other pertinent disciplines are highly desired</li> <li>The candidate must demonstrate participation in formal training programs a training assistant or above to multiple skill levels of classroom participants</li> </ol>	<ol style="list-style-type: none"> <li>The candidate must have experience in a professional office environment including proficiency in using MS Office Suite</li> <li>The candidate must have <i>advanced</i> communications, customer service and client-interfacing skills</li> <li>The candidate must have <i>advanced</i> verbal and written communication skills</li> <li>Certifications in IT training, teaching or other pertinent disciplines are highly desired</li> <li>The candidate must demonstrate experience dealing with all phases of training environments and skill levels of classroom participants</li> </ol>	<ol style="list-style-type: none"> <li>The candidate must have experience in a professional office environment including proficiency in using MS Office Suite</li> <li>The candidate must have <i>superior</i> communications, customer service and client-interfacing skills</li> <li>The candidate must have <i>superior</i> verbal and written communication skills</li> <li>Certifications in IT training, teaching or other pertinent disciplines are highly desired</li> <li>The candidate must demonstrate experience dealing with all phases of training environments and skill levels of classroom participants</li> </ol>

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36	IT Training Specialist I			137.00	49.00	55.00		55.00	50.00		35.00		
37	IT Training Specialist II			159.00	55.00	65.00		61.00	60.00		55.00		
38	IT Training Specialist III			205.00	75.00	80.00		76.00	90.00		100.00		

**IT Enterprise Architect – 039, 040, and 041**

**IT Enterprise Architect:** The main purpose of ITEA is to guide the process of planning and design of the IT/IS capabilities of an enterprise in order to meet desired organizational objectives. Typically, architecture proposals and decisions are limited to the IT aspects of the enterprise; other aspects only serve as inputs. Responsibilities will include work on small to large, complex projects that require increased skill in multiple technical environments.

IT Enterprise Architect I (039)	IT Enterprise Architect II (040)	IT Enterprise Architect III (041)
<p>This level of ITEA will be accountable and responsible for providing services per the SOW, and may supervise or mentor other staff as assigned with the following tasks:</p> <ol style="list-style-type: none"> <li>1. Developing architectural models or views that show current and future technology strategies for the organization and how the strategies will ensure the organization remains efficient, sustainable, agile, and adaptable</li> <li>2. Designing and implementing solutions based on the contract user's SOW requirements</li> <li>3. Working within the parameters of the available resources to meet contract user SOW requirements</li> <li>4. Conducting wide ranges of projects requiring the analysis and research of IT solutions that support the business processes of the contract user. The solutions must be aligned with business and strategies of the contract user and comply with the organization's architectural standards</li> <li>5. Providing specifications and design of deliverables related to assigned projects along with post implementation support and system enhancements</li> <li>6. Gathering, compiling, and synthesizing information with regard to technology processes selecting appropriate tools to enhance the integrity of business systems and software</li> <li>7. Directing analysis of the operational functions of an organization and recommend efficiencies to increase productivity while meeting the objectives of the contract user's business model</li> <li>8. Developing enterprise wide analytics including cost analysis</li> <li>9. Performing feasibility studies</li> <li>10. Developing and providing IT strategic planning and process improvement</li> <li>11. Acquiring and understanding advanced knowledge of client/server architecture</li> <li>12. Performing application development, planning, organizing, and integrating functions in a centralized environment</li> <li>13. Provide emphasis on ensuring optimal IT systems and services within budgetary constraints to support the business needs of the contract user</li> </ol>	<p>This level of ITEA will be accountable and responsible for providing services per the SOW, and may supervise or mentor other staff as assigned with the following tasks:</p> <ol style="list-style-type: none"> <li>1. Developing architectural models or views that show current and future technology strategies for the organization and how the strategies will ensure the organization remains efficient, sustainable, agile, and adaptable</li> <li>2. Designing and implementing solutions based on the contract user's SOW requirements</li> <li>3. Working within the parameters of the available resources to meet contract user SOW requirements</li> <li>4. Conducting wide ranges of projects requiring the analysis and research of IT solutions that support the business processes of the contract user. The solutions must be aligned with business and strategies of the contract user and comply with the organization's architectural standards</li> <li>5. Providing specifications and design of deliverables related to assigned projects along with post implementation support and system enhancements</li> <li>6. Gathering, compiling, and synthesizing information with regard to technology processes selecting appropriate tools to enhance the integrity of business systems and software</li> <li>7. Directing analysis of the operational functions of an organization and recommend efficiencies to increase productivity while meeting the objectives of the contract user's business model</li> <li>8. Developing enterprise wide analytics including cost analysis</li> <li>9. Performing feasibility studies</li> <li>10. Developing and providing IT strategic planning and process improvement</li> <li>11. Acquiring and understanding advanced knowledge of client/server architecture</li> <li>12. 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<p style="text-align: center;"><b>Education</b></p> <ol style="list-style-type: none"> <li>1. Master's degree or higher in Computer Science, Information Systems, Engineering or a related discipline -<b>or</b>-</li> <li>2. Bachelor's degree in Computer Science, Information Systems, Engineering or a related discipline plus 2 or more years of experience is required as defined in the Experience and Credentials section below</li> </ol>	<p style="text-align: center;"><b>Education</b></p> <ol style="list-style-type: none"> <li>1. PhD degree in Computer Science, Information Systems, Engineering or a related discipline -<b>or</b>-</li> <li>2. Master's degree in Computer Science, Information Systems, Engineering or a related discipline plus 2 or more years of experience is required as defined in the Experience and Credentials section below -<b>or</b>-</li> <li>3. Bachelor's degree in Computer Science, Information Systems, Engineering or a related discipline plus 4 or more years of experience is required as defined in the Experience and Credentials section below</li> </ol>	<p style="text-align: center;"><b>Education</b></p> <ol style="list-style-type: none"> <li>1. PhD degree in Computer Science, Information Systems, Engineering or a related discipline plus 2 or more years of experience is required as defined in the Experience and Credentials section below -<b>or</b>-</li> <li>2. Master's degree in Computer Science, Information Systems, Engineering or a related discipline plus 4 or more years of experience is required as defined in the Experience and Credentials section below -<b>or</b>-</li> <li>3. Bachelor's degree in Computer Science, Information Systems, Engineering or a related discipline plus 6 or more years of experience is required as defined in the Experience and Credentials section below</li> </ol>
<p style="text-align: center;"><b>Experience and Credentials</b></p> <ol style="list-style-type: none"> <li>1. Federal Enterprise Architecture Certification or other pertinent and appropriate certifications are required as defined in the SOW</li> <li>2. Demonstrate advanced knowledge of web services, back end systems, design techniques for applications, cross system integration, system analysis, system design techniques for software, data, operating systems, programming languages, and multi-system interfaces</li> <li>3. Demonstrate advanced knowledge of third party integration, working with and managing vendor relationships, managing architectural risk &amp; operating in all architectures (e.g., business, information, application, technology, and infrastructure); ability to envision future state architectures coupled with strategies to migrate from current to future state; ability to craft a technical road-map for applications, inclusive of mainframe, client-server, n-tier and desktop applications; ability to work with finance and management to quantify the ramifications of decisions</li> <li>4. Proficient in MS Office Suite tools (e.g., Word, Excel, PowerPoint, Access) with the ability to provide the contract user with desired reporting and presentation requirements</li> <li>5. Demonstrate advanced communications skills (e.g., written, verbal, and problem solving)</li> <li>6. Provide testimonials of superior leadership and team management skills</li> <li>7. Recently published in industry recognized magazines, periodicals, trade journals is desired</li> <li>8. Regularly perform speaking engagements or provide expert guidance in widely attended, vendor sponsored, webinars in support of professional training seminars and university events is desired</li> </ol>	<p style="text-align: center;"><b>Experience and Credentials</b></p> <ol style="list-style-type: none"> <li>1. Federal Enterprise Architecture Certification or other pertinent and appropriate certifications are required as defined in the SOW</li> <li>2. Demonstrate advanced knowledge of web services, back end systems, design techniques for applications, cross system integration, system analysis, system design techniques for software, data, operating systems, programming languages, and multi-system interfaces</li> <li>3. 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Recently and regularly published in industry recognized magazines, periodicals, trade journals is desired</li> <li>8. Regularly perform speaking engagements or provide expert guidance in widely attended, vendor sponsored, webinars in support of professional training seminars and university events is desired</li> <li>9. Regularly perform in a teaching environment courses or classes that provide accredited educational credits or professional CEUs is desired</li> </ol>

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39	IT Enterprise Architect I		93.54	205.00	86.00	105.00		103.00		105.60	65.00		
40	IT Enterprise Architect II		103.22	228.00	98.00	120.00		112.00		123.20	85.00		
41	IT Enterprise Architect III		112.28	250.00	108.00	140.00		120.00		140.80	145.00		

## **IT Enterprise Architect Master – 042**

**IT Enterprise Architect Master:** The purpose of the ITEA-M is to guide the process of planning and design of the IT/IS capabilities of an enterprise in order to meet desired organizational objectives. Typically, architecture proposals and decisions are limited to the IT aspects of the enterprise; other aspects only serve as inputs. Responsibilities will include work on small to large, complex projects that require expert skills in multiple technical environments. The ITEA-M is a recognized expert in the ITEA field. The ITEA-M must demonstrate continuing performance of the following activities/accomplishments within the last three years:

- published in industry magazines, trades, periodicals, or featured in webinars or videos;
- perform sponsored, speaking engagements at universities, professional seminars, and other public or government entities;
- teach for educational credits (e.g., CEUs or college credits)

The ITEA-M must demonstrate knowledge, skills, and abilities capable of working with stakeholders to develop strategies, systems, and technology programs or processes that ensure business alignment and enterprise mission.

### **IT Enterprise Architect Master (042)**

The ITEA-M is accountable and responsible for providing services per the SOW, supervising and mentoring other levels of IT Enterprise Architects, and will supervise and mentor subordinate levels of assigned, Agency staff with the following tasks:

1. Developing architectural models or views that show current and future technology strategies for the organization and how the strategies will ensure the organization remains efficient, sustainable, agile, and adaptable
2. Designing and implementing solutions based on the contract user's SOW requirements
3. Working within the parameters of the available resources to meet contract user SOW requirements
4. Conducting wide ranges of projects requiring the analysis and research of IT solutions that support the business processes of the contract user. The solutions must be aligned with business and strategies of the contract user and comply with the organization's architectural standards
5. Providing specifications and design of deliverables related to assigned projects along with post implementation support and system enhancements
6. Gathering, compiling, and synthesizing information with regard to technology processes selecting appropriate tools to enhance the integrity of business systems and software
7. Directing analysis of the operational functions of an organization and recommend efficiencies to increase productivity while meeting the objectives of the contract user's business model
8. Developing enterprise wide analytics including cost analysis
9. Performing feasibility studies
10. Developing and providing IT strategic planning and process improvement
11. Acquiring and understanding advanced knowledge of client/server architecture
12. Performing application development, planning, organizing, and integrating functions in a centralized environment
13. Provide emphasis on ensuring optimal IT systems and services within budgetary constraints to support the business needs of the contract user

### **Education, Experience and Credentials**

1. A minimum of 6 years current concept and technology experience is required performing as a lead IT enterprise architect for critical, enterprise projects
2. Federal Enterprise Architecture Certification or other pertinent and appropriate certifications are required as defined in the SOW
3. Demonstrate superior knowledge of web services, back end systems, design techniques for applications, cross system integration, system analysis, system design techniques for software, data, operating systems, programming languages, and multi-system interfaces
4. Demonstrate superior knowledge of third party integration, working with and managing vendor relationships, managing architectural risk & operating in all architectures (e.g., business, information, application, technology, and infrastructure); ability to envision future state architectures coupled with strategies to migrate from current to future state; ability to craft a technical road-map for applications, inclusive of mainframe, client-server, n-tier and desktop applications; ability to work with finance and management to quantify the ramifications of decisions
5. Proficient in MS Office Suite tools (e.g., Word, Excel, PowerPoint, Access) with the ability to provide the contract user with desired reporting and presentation requirements
6. Demonstrate exceptional communications skills (e.g., written, verbal, and problem solving)
7. Provide testimonials of superior leadership and team management skills
8. Recently and regularly published in industry recognized magazines, periodicals, trade journals
9. Regularly perform speaking engagements or provide expert guidance in widely attended, vendor sponsored, webinars in support of professional training seminars and university events
10. Regularly perform in a teaching environment courses or classes that provide accredited educational credits or professional CEUs

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42	IT Enterprise Architect Master	120.00	122.95	273.00	119.00	165.00			300.00	149.60	179.00		

**IT Telephony Specialist Master – 043**

**IT Telephony Specialist Master:** The ITTS-M is a recognized expert in the ITTS field. The ITTS-M must demonstrate continuing performance of the following activities/accomplishments within the last three years:

- published in industry magazines, trades, periodicals, or featured in webinars or videos;
- perform sponsored, speaking engagements at universities, professional seminars, and other public or government entities;
- teach for educational credits (e.g., CEUs or college credits)

The ITTS-M must demonstrate knowledge, skills, and abilities capable of working with stakeholders to develop strategies, systems, and technology programs or processes that ensure business alignment and enterprise mission.

**IT Telephony Specialist Master (043)**

The ITTS-M is accountable and responsible for providing services per the SOW, supervising and mentoring other levels of IT telephony specialists, and will supervise and mentor subordinate levels of assigned, Agency staff with the following tasks:

1. Performs advance applied technical level work in support of voice and data systems
2. Responsible for the design, planning, coordination, installation, and maintenance of varied and complex telecommunication systems and equipment including VOIP
3. Recommends appropriate telecommunication technologies and solutions to meet contract user requirements
4. Meets with vendors and users to assess available resources for providing equipment and services that will fulfill contract user requirements

**Education, Experience and Credentials**

1. A minimum of 6 years current concept and technology experience is required in designing, installing, troubleshooting and maintaining enterprise telecommunications systems and equipment
2. Nationally recognized certifications as defined in the SOW per the contract user are desired
3. Demonstrate superior knowledge of telephony services, telephony network design, and integration of services
4. Demonstrate superior knowledge of third party integration, working with and managing vendor relationships, managing architectural risk & operating in all architectures (e.g., business, information, application, technology, and infrastructure); ability to envision future state architectures coupled with strategies to migrate from current to future state; ability to craft a technical road-map for telephony applications, inclusive of all platforms; ability to work with finance and management to quantify the ramifications of decisions
5. Proficient in MS Office Suite tools (e.g., Word, Excel, PowerPoint, Access) with the ability to provide the contract user with desired reporting and presentation requirements
6. Demonstrate exceptional communications skills (e.g., written, verbal, and problem solving)
7. Provide testimonials of superior leadership and team management skills
8. Recently and regularly published in industry recognized magazines, periodicals, trade journals, or recognized Web based media
9. Regularly perform speaking or teaching engagements or provide expert guidance in widely attended, vendor sponsored, webinars in support of professional training seminars and university events

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43	IT Telephony Specialist Master			228.00	108.00	140.00		108.00	200.00		151.00		

**IT Applications Developer Master – 044**

**IT Applications Developer Master:** The ITAD-M is a recognized expert in the ITAD field. The ITAD-M must demonstrate continuing performance of the following activities/accomplishments within the last three years:

- published in industry magazines, trades, periodicals, or featured in webinars or videos;
- perform sponsored, speaking engagements at universities, professional seminars, and other public or government entities;
- teach for educational credits (e.g., CEUs or college credits)

The ITAD-M must demonstrate knowledge, skills, and abilities capable of working with stakeholders to develop strategies, systems, and technology programs or processes that ensure business alignment and enterprise mission.

**IT Applications Developer Master (044)**

The ITAD-M is accountable and responsible for providing services per the SOW, supervising and mentoring other levels of developers, and will supervise and mentor subordinate levels of assigned, agency staff with the following tasks:

1. Programming and program analysis
2. Defining quality standards, auditing processes, procedures, and products
3. Capable of designing, coding, testing, implementing, maintaining and supporting application software as required by SOW
4. Responsible for developing system requirements
5. Writing system specifications and testing of modules that span multiple environments
6. Requires full proficiency in more than one programming language in multiple platforms (e.g., COBOL, A++, C++, Java, VB, AppleScript, Assembly, PEARL)
7. Serve as a technical expert in providing optimal technical recommendations and solutions in a particular application or functional area, originating new techniques, establishing criteria, or developing new information
8. Proficient in full systems life cycle methodologies
9. Provide leadership in component and data architecture design, performance monitoring, product evaluation and buy versus build recommendations

**Education, Experience and Credentials**

1. A minimum of 6 years current concept and technology experience is required in multiple phases, platforms, and disciplines of computer programming and applications development with hands-on experience utilizing the latest development tools and methodologies to create the required applications
2. Nationally recognized certifications as defined in the SOW per the contract user are desired
3. Demonstrate superior knowledge of web services, back end systems, design techniques for applications, cross system integration, system analysis, system design techniques for software, data, operating systems, programming languages, and multi-system interfaces
4. Demonstrate superior knowledge of third party integration, working with and managing vendor relationships, managing architectural risk & operating in all architectures (e.g., business, information, application, technology, and infrastructure); ability to envision future state architectures coupled with strategies to migrate from current to future state; ability to craft a technical road-map for applications, inclusive of mainframe, client-server, n-tier and desktop applications; ability to work with finance and management to quantify the ramifications of decisions (e.g., conversions, upgrades, platform changes)
5. Proficient in MS Office Suite tools (e.g., Word, Excel, PowerPoint, Access) with the ability to provide the contract user with desired reporting and presentation requirements
6. Demonstrate exceptional communications skills (e.g., written, verbal, and problem solving)
7. Provide testimonials of superior leadership and team management skills
8. Recently and regularly published in industry recognized magazines, periodicals, trade journals, or recognized Web based media
9. Regularly perform speaking or teaching engagements or provide expert guidance in widely attended, vendor sponsored, webinars in support of professional training seminars and university events

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44	IT Applications Developer Master		90.97	228.00	125.00	125.00	105.00	105.00	150.00		162.00		

**IT Project Manager Master – 045**

**IT Project Manager Master:** The ITPM-M is a recognized expert in the ITPM field. The ITPM-M must demonstrate continuing performance of the following activities/accomplishments within the last three years:

- published in industry magazines, trades, periodicals, or featured in webinars or videos;
- perform sponsored, speaking engagements at universities, professional seminars, and other public or government entities;
- teach for educational credits (e.g., CEUs or college credits)

The ITPM-M must demonstrate knowledge, skills, and abilities capable of working with stakeholders to develop strategies, systems, and technology programs or processes that ensure business alignment and enterprise mission.

**IT Project Manager Master (045)**

The ITPM-M is accountable and responsible for providing services per the SOW, supervising and mentoring other levels of IT project management staff, and will supervise and mentor subordinate levels of assigned, Agency staff with the following tasks:

1. Establish and implement project management processes and methodologies per the SOW
2. Ensure projects are delivered on time, within budget, adhere to high quality standards and meet contract user expectations
3. Serve as overall project manager for multiple projects or manage a single, large scale project with enterprise wide implications
4. Must demonstrate a detailed understanding of the State of Alabama policies, standards, plans, and procedures
5. Must demonstrate a strong understanding of the State of Alabama IT infrastructure and platforms used in the project as defined in the SOW
6. Defining quality standards, auditing processes, procedures, and products

**Education, Experience and Credentials**

1. A minimum of 6 years current concept and technology experience is required in IT industry recommended project management methodologies utilizing supporting tool-sets and software
2. Nationally recognized certifications as defined in the SOW per the contract user are desired
3. Demonstrate broad but superior knowledge of IT architectures, processes, systems analysis, design techniques, operating systems and network integration
4. Demonstrate superior knowledge of third party integration, working with and managing vendor relationships, managing architectural risk & operating in all architectures (e.g., business, information, application, technology, and infrastructure); ability to envision future state architectures coupled with strategies to migrate from current to future state; inclusive of all major platforms (e.g., mainframe, client-server, n-tier and desktop)
5. Ability to work with finance and management to quantify the ramifications of project decisions (e.g., conversions, upgrades, platform changes)
6. Proficient in MS Office Suite tools (e.g., Word, Excel, PowerPoint, Access) with the ability to provide the contract user with desired reporting and presentation requirements
7. Demonstrate exceptional communications skills (e.g., written, verbal, and problem solving)
8. Provide testimonials of superior leadership and team management skills
9. Recently and regularly published in industry recognized magazines, periodicals, trade journals, or recognized web based media
10. Regularly perform speaking or teaching engagements or provide expert guidance in widely attended, vendor sponsored, webinars in support of professional training seminars and university events

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45	IT Project Manager Master	115.00	106.49		115.00	130.00	110.00	110.00				95.00	105.00

## **IT Business Analyst Master – 046**

**IT Business Analyst Master:** The ITBA-M is a recognized expert in the ITBA field. The ITBA-M must demonstrate continuing performance of the following activities/accomplishments within the last three years:

- published in industry magazines, trades, periodicals, or featured in webinars or videos;
- perform sponsored, speaking engagements at universities, professional seminars, and other public or government entities;
- teach for educational credits (e.g., CEUs or college credits)

The ITBA-M must demonstrate knowledge, skills, and abilities capable of working with stakeholders to develop strategies, systems, and technology programs or processes that ensure business alignment and enterprise mission.

### **IT Business Analyst Master (046)**

The ITBA-M is accountable and responsible for providing services per the SOW, supervising and mentoring other levels of IT business analysts, and will supervise and mentor subordinate levels of assigned, Agency staff with the following tasks:

1. Directing analysis of the operational functions in a large organization
2. Recommending efficiencies to increase productivity while meeting the objectives of the contract users business model
3. Developing enterprise wide analytics including cost analysis, feasibility studies, IT strategic planning, and process improvement
4. Acquiring and developing knowledge of client/server architecture, application development, planning, organizing, and integrating functions in a centralized environment
5. Providing optimal IT systems and services within budgetary constraints to support the business needs of the contract users
6. Defining the scope of the system
7. Translating business needs from stakeholders to development staff
8. Translating technical issues and complexities
9. Developing models and documenting business requirements
10. Acting as a communication broker between technical and business groups
11. Testing and validation reviews, walkthroughs, and user acceptance liaison
12. Serving as stakeholder representative to ensure business priorities are met
13. Responsible for requirements elicitation
14. Analyzing the requirements to determine the system needs to fulfill those requirements
15. Responsible for understanding the business and making recommendations for improvement

### **Education, Experience and Credentials**

1. A minimum of 6 years current concept and technology experience is required in areas of complex business analysis projects performing tasks that ensure critical project and mission success
2. Nationally recognized certifications as defined in the SOW per the contract user are desired
3. Demonstrate superior knowledge of business analysis practices, IT environments, cross system integration, system analysis, system design techniques for software, data, operating systems, programming languages, and multi-system interfaces
4. Demonstrate superior knowledge of third party integration, working with and managing vendor relationships, managing architectural risk & operating in all architectures (e.g., business, information, application, technology, and infrastructure); ability to envision future state architectures coupled with strategies to migrate from current to future state; ability to craft a technical road-map for applications, inclusive of mainframe, client-server, n-tier and desktop applications; ability to work with finance and management to quantify the ramifications of decisions (e.g., conversions, upgrades, platform changes)
5. Proficient in MS Office Suite tools (e.g., Word, Excel, PowerPoint, Access) with the ability to provide the contract user with desired reporting and presentation requirements
6. Demonstrate exceptional communications skills (e.g., written, verbal, and problem solving)
7. Provide testimonials of superior leadership and team management skills
8. Recently and regularly published in industry recognized magazines, periodicals, trade journals, or recognized web based media
9. Regularly perform speaking or teaching engagements or provide expert guidance in widely attended, vendor sponsored, webinars in support of professional training seminars and university events

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46	IT Business Analyst Master	95.00	92.64		135.00	104.00	95.00	96.00				80.00	90.00