

ANALYTIC DESIGNS

ALLEN DOMINEK

HARRY SHAMANSKY

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Reference Text File for ANALYTICS DESIGNS, INCORPORATED,
GS-35F-0091K

Analytic Designs, Incorporated provides services related to the development of software and associated hardware interfacing for a variety of specialties, including but not limited to:

- ElectroMagnetics (EM) prediction software
- EM measurement software
- EM hardware control software
- Security software
- Security hardware

The following is a table of the services and rates available under this contract:

IT SERVICES HOURLY RATES

JOB TITLE	2008	2009
Director of R/D/I	\$66.88	\$69.89
Principal Design Eng	\$62.70	\$65.52
Senior R/D Eng	\$37.62	\$39.31
Supervising SW Eng	\$60.61	\$63.34
Supervising HW Eng	\$60.61	\$63.34

DESCRIPTION OF IT SERVICES

- Director of Research, Development and Implementation
Commercial Job Title: Director of Research, Development and Implementation
Minimum/General Experience: Fifteen (15) years experience (both technical and management) in the areas of electromagnetics (EM) re-

search and development and related computer code development. Emphasis on applications of advanced EM theory and practices, including the implementation of previously untried or untested algorithms, and the demonstrated ability to independently evaluate and debug such complex implementations. Also requires the experience of publishing such work in refereed journals, as well as successful application of U.S. Patents, as applicable. Mandatory experience with the interaction of all levels of software developed with external electronic and/or mechanical systems is required.

Functional Responsibility: Provides the innovation as well as the core structural design and interaction analysis of the code development effort. Has responsibility for all aspects of the total system design.

Minimum Education/License: Doctoral Degree (Ph.D.) in the field of Electrical Engineering, with specialty in Electromagnetics, and hold a valid Professional Engineering License.

b. Principal Design Engineer

Commercial Job Title: Principal Research and Design Engineer

Minimum/General Experience: Fifteen (15) years technical experience in the areas of electromagnetics (EM) research and development and related computer code development. Emphasis on applications of advanced EM theory and practices, including the implementation of previously untried or untested algorithms, and the demonstrated ability to independently evaluate and debug such complex implementations. Also requires the experience of publishing such work in refereed journals, as applicable.

Functional Responsibility: Provides the innovation and implementation of algorithms for the code development effort. Has responsibility for significant aspects of the overall system design.

Minimum Education/License: Doctoral Degree (Ph.D.) in the field of Electrical Engineering, with specialty in Electromagnetics.

c. Senior Research and Design Engineer

Commercial Job Title: Senior Research and Design Engineer

Minimum/General Experience: Eight (8) years technical experience in the areas of software or electromagnetics research and development and related computer code development. Demonstrated mastery of independent development of novel concepts and the testing and implementation of those concepts.

Functional Responsibility: Provides the implementation of algorithms for the code development effort. Has some responsibility for aspects of the overall system design, and is responsible for the general interoperability analysis of the total system.

Minimum Education/License: Bachelor's Degree in the field of Electrical Engineering or Computer Science.

d. Supervising Software Engineer

Commercial Job Title: Supervising Software Engineer

Minimum/General Experience: Fifteen (15) years experience (both technical and management) in the areas of advanced software engineering and related computer code development. Emphasis on ability to transfer conceptual designs to specific software architecture through deliverable software items. Mandatory experience with the interaction of all levels of software developed with external electronic and/or mechanical systems is required.

Functional Responsibility: Provides the software supervising role to ensure that advanced concepts are architected, designed, implemented and tested prior to fielding. Has responsibility for all aspects of the total system delivery.

Minimum Education/License: Master of Science (M.S.) in the field of Electrical Engineering or Computer Science or related fields. Bachelors degree with six years software design and development and management experience can be substituted for Masters.

e. Supervising Hardware Engineer

Commercial Job Title: Supervising Hardware Engineer

Minimum/General Experience: Fifteen (15) years experience (both technical and management) in the areas of advanced hardware engineering and related integrated circuit development. Emphasis on ability to transfer conceptual designs to specific hardware architecture through deliverable hardware items. Mandatory experience with the interaction of all levels of hardware developed with external electronic and/or mechanical systems is required.

Functional Responsibility: Provides the software supervising role to ensure that advanced concepts are architected, designed, implemented and tested prior to fielding. Has responsibility for all aspects of the total system delivery.

Minimum Education/License: Master of Science (M.S.) in the field

of Electrical Engineering or Computer Science or related fields. Bachelors degree with six years hardware design and development and management experience can be substituted for Masters.

If you have any questions regarding this request, please feel free to contact the undersigned at (614) 224-9078. Thanks for you help with this matter. I remain

Sincerely yours,

A handwritten signature in black ink, reading "Harry Shamansky". The signature is written in a cursive, flowing style with a large initial "H".

Harry Shamansky, Ph.D., P.E.
President