

**Federal Supply Services (FSS)
General Services Administration – Contract #GS-23F-0120P**

Professional Engineering Services

Special Item Number Services

871-1 871-1(RC)	Strategic Planning for Technology Programs/Activities
871-2 871-2(RC)	Concept Development and Requirements Analysis
871-3 871-3(RC)	System Design, Engineering and Integration
871-4 871-4(RC)	Test and Evaluation

Contractor

X-nth, Inc.

Corporate Headquarters
2601 Westhall Lane | Maitland, FL 32751
Phone (407) 660-0088 | Fax (407) 660-1655 | www.x-nth.com

Atlanta
2500 Northwinds Parkway, STE 150
Alpharetta, GA 30004
770.521.0580

Boston
330 Congress Street, Fourth Floor
Boston, MA 02210
617.951.0064

Las Vegas
5215 Ponderosa Way
Las Vegas, NV 89118
702.248.0338

Milwaukee
241 N. Broadway, STE 203
Milwaukee, WI 53202
414/221.0088 – Phone

San Diego
5670 Oberlin Drive
San Diego, CA 92121-1721
858/597.0555 - Phone

San Francisco
1035 Carleton Street, STE 200
Berkeley, CA 94710
510/666.0996 - Phone



**FEDERAL SUPPLY SERVICES (FSS)
GENERAL SERVICES ADMINISTRATION – CONTRACT #GS-23F-0120P**

SECTION 1 - CUSTOMER INFORMATION

- 1.1 Special Item Numbers (SINs)
- 871-1, 871-1(RC) Strategic Planning for Technology Programs/Activities (EE/ME)
 - 871-2, 871-2(RC) Concept Development and Requirements Analysis (EE/ME)
 - 871-3, 871-3(RC) System Design, Engineering and Integration (EE/ME)
 - 871-4, 871-4(RC) Test and Evaluation (EE/ME)
- 1.2 Maximum Order:
- The maximum dollar value of any order placed under this Schedule is \$750,000. Requirements that exceed this amount may be processed in accordance with I-FSS-125.
- 1.3 Minimum Order:
- The minimum dollar value of any order placed under this Schedule is \$100.00.
- 1.4 Geographic Scope of Contract:
- The geographic scope of this contract is the 48 contiguous States, the District of Columbia, Alaska, Hawaii and the Commonwealth of Puerto Rico.
- 1.5 Points of Production
- United States.
- 1.6 Discounts from List Prices:
- 0% discount
- 1.7 Prompt Payment Terms:
- Terms .5% Net 15.
- 1.8 Acceptance of Government Purchase Cards
- X-nth will accept Government purchase cards for orders below the micro purchase threshold (\$2,500.00)
 - X-nth may accept purchase cards for orders that exceed the micro purchase threshold.



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1.9 Order Address:

X-nth, Inc.
2601 Westhall Lane
Maitland, FL 32751

1.10 Payment Address:

X-nth, Inc.
2601 Westhall Lane
Maitland FL, 32751

1.11 Time of Delivery:

- Delivery negotiable with the individual ordering agencies and task orders.



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SECTION 2 - PRICE LIST

X-nth First Option Period Contract Year 1 – 5

Labor Category	2004	2005	2006	2007	2008
Principal Engineer	201.47	208.52	215.82	223.37	231.19
Mechanical Engineer	165.02	170.80	176.78	182.97	189.37
Electrical Engineer	165.02	170.80	176.78	182.97	189.37
Project Manager	136.62	141.40	146.35	151.47	156.77
Tech. Project Manager	117.88	122.01	126.28	130.70	135.27
Engineering Asst/CAS	102.98	106.58	110.31	114.18	118.18
Media Specialist	86.88	89.93	92.46	95.70	99.05
Financial Project Manager	77.98	89.71	83.53	86.45	89.48
Administrative Aide	55.60	57.55	59.56	61.64	63.80

X-nth Second Option Period Contract Year 6 – 10

Labor Category	2009	2010	2011	2012	2013
Principal Engineer	239.29	247.67	256.33	265.31	274.59
Mechanical Engineer	196.00	202.86	209.96	217.31	224.79
Electrical Engineer	196.00	202.86	209.96	217.31	224.79
Project Manager	162.26	167.94	173.82	179.90	186.20
Tech. Project Manager	140.00	144.90	149.97	155.22	160.65
Engineering Asst/CAS	122.32	126.60	131.03	135.62	140.37
Media Specialist	102.52	106.11	109.82	113.67	117.64
Financial Project Manager	92.62	95.86	99.22	102.69	106.28
Administrative Aide	66.03	68.34	70.73	73.21	75.77



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SECTION 3 - X-NTH SKILL CATEGORY DESCRIPTION

The following are the definitions of X-nth Professional Engineering Services (PES) Labor Categories priced in the cost proposal. Each Labor Category Definition includes the following:

Functional Responsibility
Education / Years of Experience
Experience

3.1 PRINCIPAL ENGINEER

Functional Responsibility

- Principal Engineer for each task order
- Ensures problems resolution and customer satisfaction
- Provides technical directions personnel performing task order
- Reviews and maintains quality of technical work
- Reviews and maintains responsibility of program financials

Education / Years of Experience

- MA or MS and 15 years experience or
- BS or BA and 18 years experience

Experience

As a minimum, 7 years management/project leader of engineering programs to include:

- Supervision of PES program executions
- Personnel management and supervision
- Executive management
- Program schedule and budget control
- Subcontractor management
- Contract management



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3.2 MECHANICAL ENGINEER

Functional Responsibility

- Develop, directs coordinates and controls technical and administrative activities for one or more PES Programs.
- Supervises project managers in the executions of their programs
- Supervises the project team in the development of detailed plans and specifications to meet project objectives
- Reviews and maintains quality of technical work
- Reviews and maintains responsibility of program financials
- Makes technical judgments and provides advice on the resolution of technical, schedule, performance or budgetary problems

Education / Years of Experience

- BS or BA
- Or 10 years of experience in the field

Experience

5 years with mechanical engineering programs. Specific experience includes

- Supervision of PES program execution
- Personnel management and supervision
- Program schedule control
- Subcontractor Management
- Contract Management

3.3 ELECTRICAL ENGINEER

Functional Responsibility

- Develop, directs, coordinates and controls technical and administrative activities for one or more PES programs



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- Supervises project managers in the executions of their programs
- Supervises the project team in the development of detailed plans and specifications to meet project objectives.
- Reviews and maintains quality of technical work
- Reviews and maintains responsibility of program financials
- Makes technical judgments and provides advice on the resolution of technical, schedule, performance and budgetary problems

Education / Years of Experience

- BS or BA 10 years of experience

Experience

5 years with electrical engineering programs. Specification experience includes:

- Supervision of PES program execution
- Personnel management and supervision
- Program schedule control
- Subcontractor management
- Contract Management

3.4 PROJECT MANAGER / DESIGNER

Functional Responsibility

- Assist with all aspects of project design, implementation, analysis and interpretation
- Involved in all phases of the project
- Direction of the work and timeliness of results
- Develop designs and specifications to meet project objectives
- Interpretation of evaluation and test results
- Final writing of reports
- Collaboration among the disciplines involved in the project.



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Education / Years of Experience

- BSE Engineering
- 6 to 8 years experience

Experience

5 years experience as project leads of mechanical engineering programs. Specific experience includes:

- Supervision of PES program execution
- Personnel management and supervision executive management
- Program schedule and budget control
- Subcontractor management
- Contract Management

3.5 TECHNICAL PROJECT MANAGER

Functional Responsibility

- Provide project management and oversight of the engineering aspects of Task Orders
- Prepare technical proposal for Task Orders
- Monitor the project schedule
- Ensure the scientific and methodological goals are being met
- Oversee quality control
- Liaison between engineering team and subcontractors
- Responsible for preparing monthly progress reports

Education / Years of Experience

- BSE – Engineering
- 6 to 8 years experience



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Experience

- 6 to 8 years experience in areas requiring use of engineering principals. Experience is directed toward project related to the SOW. A proven track record of using and implementing engineering principals.

3.6 ENGINEERING ASSISTANT / CAD DRAFTER

Functional Responsibility

- Support the Engineering Team and Technical Project Manager
- Preparation for all meetings
- Ability to effectively work in model space/paper space and control the presentation of information
- Assisting in construction document and report presentation
- Help to identify inconsistencies or problems in draft designs and mark-ups
- Help to maintain and improve company/drafting standards

Education / Years of Experience

- Graduation from Technical Training School or AA
- 3 years experience in CAD drafting

Experience

- Thorough knowledge of all drawings, editing, layering and dimensioning commands and techniques
- Ability to work with reference files and import data from other windows applications
- Ability to set-up scaled drawings, with referenced title blocks, standard layers and multiple view ports
- Have a working knowledge of AutoCAD configuration and customization



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3.7 MEDIA SPECIALIST

Functional Responsibility

- Prepare proposals and marketing letters
- Prepare standard governmental forms and resumes for federal, state and local government RFPs (Requests for Proposal)
- Maintain up-to-date 255s and 254s for marketing and proposal submissions
- Create slides for presentations and media packets
- Website creation and maintenance
- Organize conferences and speaking engagements
- Work with publications to issue new research/standards

Education / Years of Experience

- BS or BA Degree

Experience

- Minimum of 8 years experience in marketing and office management
- Must have extensive computer skills

3.8 FINANCIAL PROJECT MANAGER

Functional Responsibility

- Provide management and oversight of the financial aspects of each Task Order
- Prepare cost proposal for each Task Order
- Responsible for ensuring project adheres to budget
- Monitoring all expenditures
- Serve as liaison with subcontractors and consultants for the financial aspects of each Task Order
- Ensure clearly defined and measurable contract agreements
- Liaison with management to ensure financial reports are accurate



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Education / Years of Experience

- BS of BA degree
- 7 to 9 years experience in the accounting field

Experience

- 7 to 9 years financial analysis experience
- Managerial experience within the engineering field
- Extensive proven experience with meeting project deadlines

3.9 ADMINISTRATIVE ASSISTANT

Functional Responsibility

- Support the entire engineering team
- Complete administrative and financial aspects of Task Orders
- Assist with preparation of proposals for Task Orders
- Coordinating personnel and payroll paperwork
- Maintain daily time records for all engineering team members
- Assist in preparation of reports
- Follow-up on purchasing problems and vendor issues
- Keep detailed filing records during all project phases

Education / Years of Experience

- BS or BA Degree

Experience

- Minimum 6 years experience performing general office or project administration functions.

