



September 7, 2011

RE: Clause I-FSS-600 – Contract Price Lists

To Whom It May Concern:

- (i) GENERAL SERVICES ADMINISTRATION  
Federal Supply Service  
Authorized Federal Supply Schedule Price List

Schedule Title:

FSC Group, Part, and Section or Standard Industrial Group:

FSC Class(es)/Product Code(s) and/or Service Codes:

Contract Number:

Contract Period:

Contractor's Name, Address, and Phone Number:

Building Commissioning Services

871 206

GS-21F-0154X

July 28, 2011

Advanced Engineering Systems, Inc.

4630 Antelope Creek Rd Ste 200

Lincoln, NE 68506

P: (402) 488-0075

F: (402) 488-0272

www.a-e-sys.com

Contractor's Website:

Business Size:

19

- (ii) CUSTOMER INFORMATION

- 1a. Table of Awarded Special Item Number(s): *SIN(s) 871 206 Building Commissioning Services*
- 1b. Identification of the lowest priced model number and lowest unit price: *Not Applicable.*
- 1c. We are proposing hourly rates for our services. *Please refer to table below for these rates:*

<i>Commercial Job Title</i>	<i>Minimum Years of Experience</i>	<i>Functional Responsibility</i>	<i>Minimum Education</i>	<i>Commercial List Price (Per Hour)</i>	<i>Price Offered To GSA (excluding IFF) (Per Hour)</i>	<i>Price Offered to GSA (including IFF) (Per Hour)</i>
Principal	15 Years	Leader of the design team. Reviews work and ultimately approves before turning over to client. Involved in design, Cx process.	Bachelor of Science	\$155.00	\$144.00	\$145.31
Senior Professional Engineer	10 Years	Lead designer that carries most of the task load involved in design and/or Cx. This person will lead supportive team members but answers to the Principal.	Bachelor of Science	\$140.00	\$130.00	\$131.25
Senior Designer	10 Years	Lead designer that carries most of the task load involved in design and/or Cx. This person will lead supportive team members but answers to the Principal.	Bachelor of Science	\$125.00	\$116.00	\$117.19
Professional Engineer	5 Years	Team member that supports the Senior Engineer/Designer. Depending on project type and complexity, this person could take on the lead designer role.	Bachelor of Science	\$125.00	\$116.00	\$117.19
Intern Engineer / Designer	7 Years	Team member that supports lead designer.	Associates Degree	\$100.00	\$93.00	\$93.75



Senior Technician	3 Years	CAD professional that is involved in preparing CAD drawing representative of the design. May not be involved in most Cx projects.	Associates Degree	\$90.00	\$84.00	\$84.38
Engineering Technician	1 Year	CAD professional that is involved in preparing CAD drawing representative of the design. May not be involved in most Cx projects.	Associates Degree	\$85.00	\$79.00	\$79.69
Senior Administrative / Office Manager	10 Years	Team member that manages the office and organizes all admin functions.	Associates Degree	\$90.00	\$84.00	\$84.38
Administrative / Support Staff	1 Year	Team member that handles correspondence, mailings, schedules, and other admin functions needed to support the team.	High School Diploma	\$65.00	\$60.00	\$60.94

2. Maximum Order: *\$1,000,000*
3. Minimum Order: *\$100 per task order.*
4. Geographic Coverage: *Throughout United States*
5. Point(s) of Production: *Lincoln, NE*
6. Discount from list prices or statement of net price: *7%*
7. Quantity discounts: *2% for orders of \$300,000 or more*
8. Prompt Payment Terms: *.5% if paid within 15 days/Net 30 Days*
- 9a. Notification that Government purchase cards are accepted at or below the micro-purchase threshold. *We do accept Government purchase cards below mircopurchase threshold.*
- 9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold. *We do accept Government purchase cards above mircopurchase threshold.*
10. Foreign items (list items by country of origin). *Not Applicable.*
- 11a. Time of delivery: *TBD at Task Order Level.*
- 11b. Expedited delivery: *TBD at Task Order Level.*
- 11c. Overnight and 2-day delivery: *Not Applicable.*
- 11d. Urgent Requirements: *TBD at Task Order Level.*
12. F.O.B. point(s): *Not Applicable.*
- 13a. Ordering Address: *4630 Antelope Creek Rd Ste 200, Lincoln, NE 68506*
- 13b. Ordering Procedures: *Not Applicable.*
14. Payment Address: *4630 Antelope Creek Rd Ste 200, Lincoln, NE 68506*
15. Warranty provision: *None.*
16. Export packing charges: *Not Applicable.*
17. Terms and conditions of Government Purchase Card Acceptance: *Not Applicable.*
18. Terms and conditions of rental, maintenance, and repair: *Not Applicable.*
19. Terms and conditions of installation: *Not Applicable.*
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices: *Not Applicable.*
- 20a. Terms and conditions of any other services: *Not Applicable.*
21. List of service and distribution points: *Not Applicable.*
22. List of participating dealers: *Not Applicable.*
23. Preventive maintenance: *Not Applicable.*
- 24a. Special attributes: *Not Applicable?*
- 24b. Section 508 Compliance Information: *Not Applicable?*
25. Data Universal Number System (DUNS) Number: *781792788*
26. Notification regarding registration in Central Contractor Registration (CCR) database: *Active in CCR; Registration valid until 01/25/2012.*



ADVANCED  
ENGINEERING  
SYSTEMS

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Lincoln, NE 68506  
P: (402) 488-0075  
F: (402) 488-0272  
[www.a-e-sys.com](http://www.a-e-sys.com)

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Please contact our office if there are any comments or questions regarding any of the items contained in this letter.

Sincerely,

**ADVANCED ENGINEERING SYSTEMS, INC. (AES)**

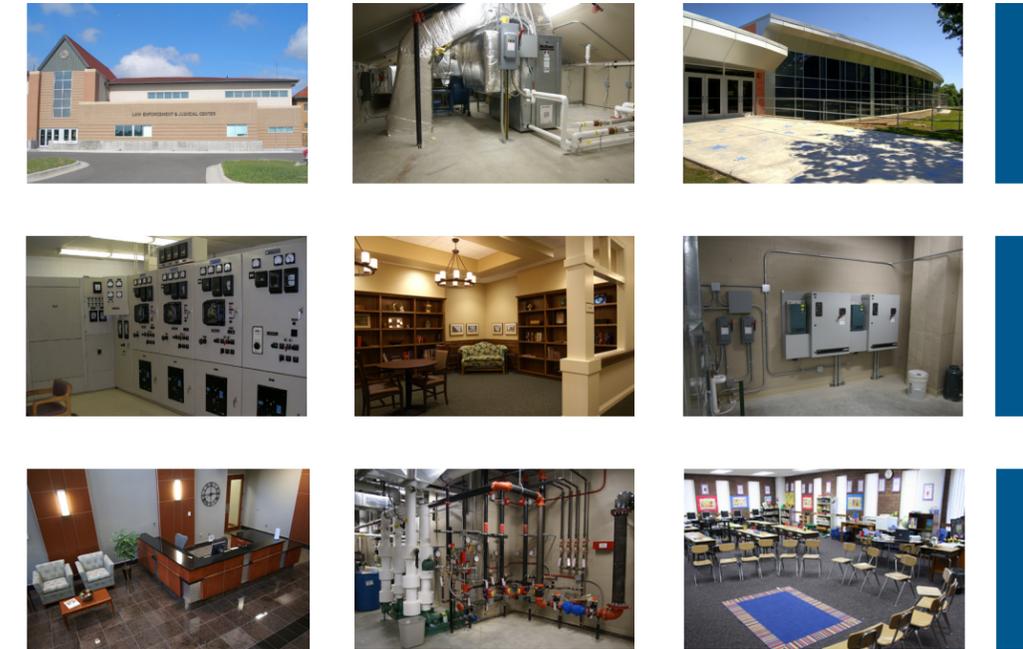
A handwritten signature in black ink that reads 'Vkhanna'. The signature is written in a cursive style and is positioned above a horizontal line.

Vishal G. Khanna, M.S., P.E. | LEED® AP  
Principal

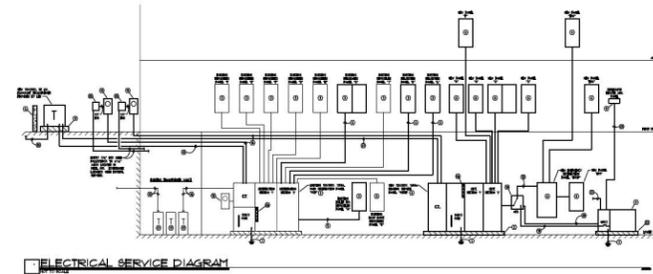
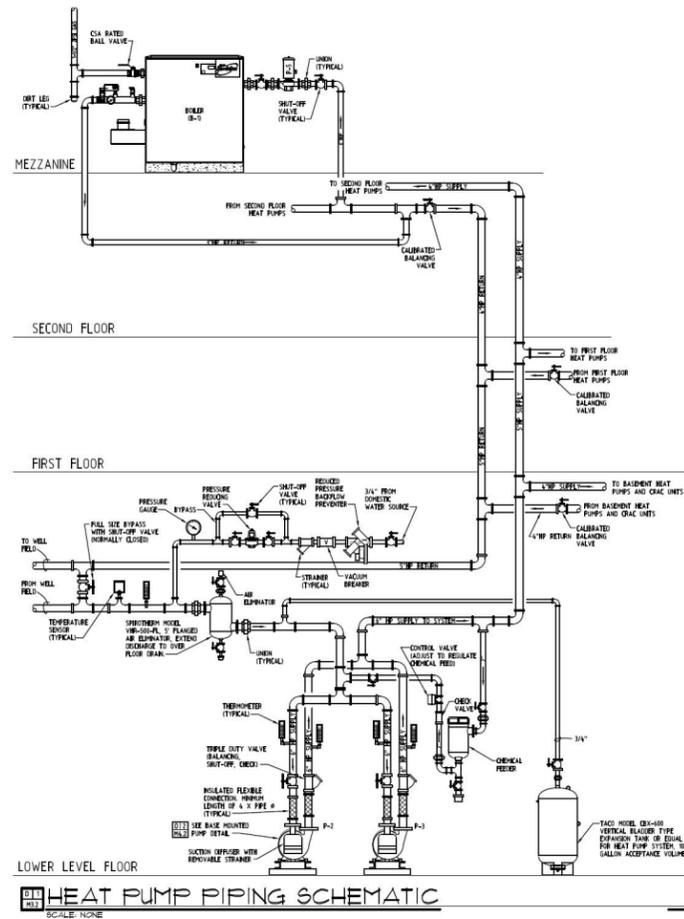
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# Advanced Engineering Systems, Inc.



Mechanical & Electrical Consulting Engineers  
[www.a-e-sys.com](http://www.a-e-sys.com)



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 Suite 200  
 Lincoln, NE 68506

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## ABOUT US

Incorporated in January 2003, Advanced Engineering Systems, a member of U.S. Green Building Council, specializes in the design of Mechanical, Electrical, Plumbing, Telecommunications and Life Safety Systems. Our Staff came together under our firm's name in October 2006 and collectively have experience of hundreds of years.

Collectively we have worked on literally thousands of projects for Educational, Commercial, Governmental, Health Care, Industrial, and Institutional clients in the Midwest, Nationally around the U.S., as well as Internationally.

Our staff is registered in over 20 states and brings vast and diversified experience to each of our clients. Our combined experience includes working on projects ranging in size from under \$10,000 to projects approaching \$200 million.

Tools used to provide excellence in our engineering disciplines include state-of-the-art computer systems for each of our staff and industry-leading software like AutoCAD Building Systems; Autodesk Revit Systems (Building Information Modeling for MEP Engineering); GSHP Calc geothermal analysis software; Trane Trace and System Analyzer programs; numerous Microsoft products like Office and Project; Visual Lighting design software by Lithonia; and software by Adobe systems.





**"It is always a pleasure working with you and those in your firm" --Ross Richards, Sarpy County**

**"Advanced Engineering Services, Inc. provided quality mechanical and electrical engineering design services and construction support on several projects that I have managed. What impresses me the most is the outstanding customer service and personal attention to my projects that they provide!" -- Daniel Borcyk, PMP – Omaha Public Power District**

**"In the development business you need team members that are proactive, visionary, and efficient. AES exemplifies these traits and is a valuable part of the Hampton team. -- Robert Caldwell, President/CEO – Hampton Enterprises, Inc.**

## TYPES OF PROJECTS

Adult Living /Senior Housing (Assisted, Independent, Nursing Home, Hospice/"Green House")

Aviation / Airport

Banking / Financial

Commercial

Correctional / Law Enforcement

Educational (Pre-K, K-12 Schools)

Governmental

Health Care / Hospitals

Historical

Indoor Air Quality

Industrial / Warehouse

Library

Recreational

Religious

Residential (Apartment Complexes, Student Housing, Low-Income Housing, Hotels/Motels, Condos, Townhouses)

Restaurant / Food Service

Retail / Shopping Malls

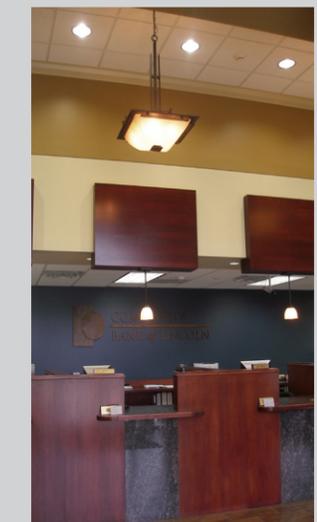
Study and Masterplans

University / College Campus



## SERVICES

- Heating Ventilation Air Conditioning (HVAC)
- Plumbing Systems
- Electrical Engineering
- Lighting Design
- LEED/Green Building Design
- Life Safety Engineering
- Energy Conservation Measures
- Control Engineering
- Data & Telecommunications Design
- Mechanical & Electrical Systems Trouble-Shooting
- Pre-planning, Feasibility and Masterplanning Studies
- Construction Administration
- Post Occupancy & Building Commissioning



# Advanced Building Commissioning



**Building Commissioning Agents**  
[www.advancedbuildingcx.com](http://www.advancedbuildingcx.com)



# ABOUT US

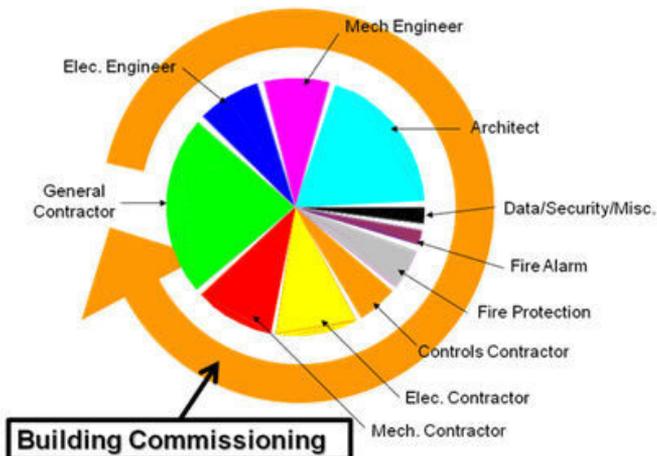
ABCx, LLC works in collaboration with Advanced Engineering Systems. We are a member of the U.S. Green Building Council and the Building Commissioning Association. ABCx specializes in prescriptive building processes for new construction and existing buildings that result in improved building operation, improved system functionality, and improved environmental quality.

Our staff consists of licensed engineering professionals registered in over 25 states. They bring vast and diverse experience to each building with a strong understanding of building systems and how they work together. Our combined experience includes projects ranging in size from under \$10,000 to projects approaching \$200 million.

We are equipped with the latest design technology from state-of-the-art computer systems to industry leading software like AutoCAD, Autodesk Revit Systems, TRACE & System Analyzer. Our staff is ready to help you with your building today.

## What is Building Commissioning?

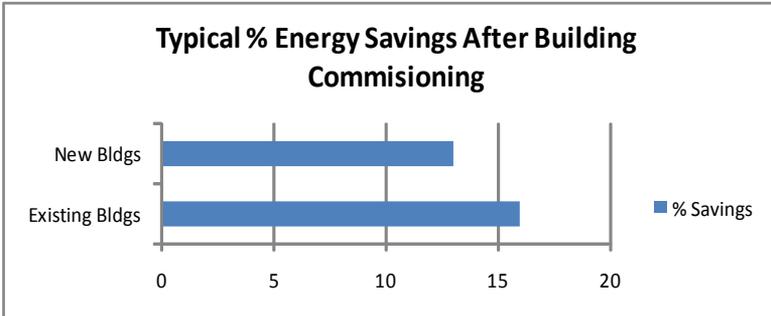
It is a systematic process for coordinating, investigating, analyzing, and optimizing the performance of building systems through the identification and implementation of low/no cost and capital intensive Facility Improvement Measures and ensuring their continued performance. The goal of commissioning is to make building systems perform interactively to meet the Current Facility Requirements and provide the tools to support the continuous improvement of system performance over time.



# Why Commission My Building?

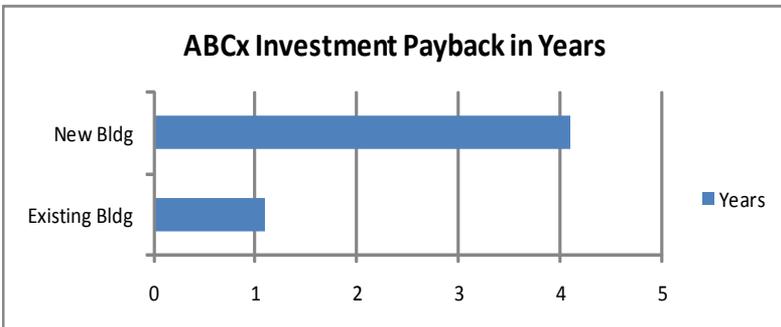
Today's buildings have many operational issues from day one. A 1994 study of 60 commercial buildings found that more than half suffered temperature control problems, 40% had problems with HVAC equipment and one-third had sensors that were not operating properly. Since then, buildings have only become more complex with the addition of digital controls, security systems, fire alarm systems and more. So complex, in fact, it is difficult to orchestrate all the moving parts and train the owner so that the building functions as intended when it was designed.

The consequences? Owners are exasperated and occupants are dissatisfied. O&M costs are high and, combined with high energy costs, represent a constant cash drain on the bottom line. What can we do to make buildings work better? Unfortunately, there is no one-size-fits-all solution. What is needed is a quality assurance process custom-made for each building and its unique problems. It is like getting a health check-up on your building in order to insure a long, useful and productive life. ABCx, LLC does just that.



Above chart based on commissioning results of 643 projects complete throughout U.S.

Advanced Building Commissioning can provide to buildings a quality assurance process that, when complete, will optimize building performance so owners can know that the building systems they invested in are providing the benefit intended at design resulting in reduced energy costs and satisfied occupants. In fact, monies invested with ABCx should have among the greatest return on investment when compared to any other facility improvements.



Above chart based on commissioning results of 643 projects complete throughout U.S.

# ABCx Commissioning Process

## Existing Buildings



## New Buildings



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Lincoln, NE 68506

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