#### LAW OFFICES OF HAROLD M. JOHNS

12 Public Square Post Office Box 746 Elkton, Kentucky 42220-0746 Telephone: 270-265-2912 Fax: 270-265-2054

HAROLD M. JOHNS E-mail: <u>hmjohns@johnslawfirm.com</u>

MARK D.COLLINS E-mail: <u>mcollins@johnslawfirm.com</u>

LORA LEE ROBEY E-mail: <u>lrobey@johnslawfirm.com</u>

April 10, 2014

Ms. Linda Faulkner Filings Division Director Kentucky Public Service Commission 211 Sower Blvd. P.O. Box 615 Frankfort, KY 40602-0615

RECEIVED

APR 14 2014

PUBLIC SERVICE COMMISSION

Re: Todd County Water District Case Number 2014-00086 Second Supplement to the Application for Certificate of Convenience and Necessity

Dear Ms. Faulkner:

As requested by Ms. Cole, enclosed you will find the Second Supplement to the Application for Certificate of Convenience and Necessity for the Todd County Water District with the attachments described therein.

In the event you have questions, please contact me.

Yours very truly,

Harold M. Johns

HMJ/bsg Enclosures

cc: Mrs. Kathy Conyea Todd County Water District P.O. Box 520 Elkton, KY 42220

RECEIVED

APR 14 2014

PUBLIC SERVICE COMMISSION

No. 2014-00086

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#### BEFORE THE PUBLIC SERVICE COMMISSION IN THE MATTER OF THE APPLICATION OF THE TODD COUNTY WATER DISTRICT TO CONSTRUCT AN OFFICE BUILDING IN WAREHOUSE FACILITY PREMISES

#### SECOND SUPPLEMENT TO THE APPLICATION FOR CERTIFICATE OF CONVENIENCE AND NECESSITY

The undersigned, counsel for the Todd County Water District, having been notified by representatives of the Commission, copies of the bid and solicitation for bids regarding the contemplated administrative office/maintenance facility of the Todd County Water District are being requested in response to that request, attached, you will find the following:

- (a) Exemplar of the request for proposals;
- (b) Advertisement from the Todd County Standard published on January 15, 2014;
- (c) Information packet;
- (d) Bid tabulation;
- (e) Bid of C & C Contracting;
- (f) Bid of W.D. Steele Construction Services, LLC;
- (g) Bid of Denham-Blythe Company, Inc.;
- (h) Bid of Codell Construction Company; and,
- (i) Bid of Robinson Construction.

Respectfully submitted this 10th day of April, 2014.

Harold M Johns 12 Public Square P.O. Box 746 Elkton, KY 42220 Attorney for the Todd County Water District

#### **Request for Proposals**

The Todd County Water District will accept proposals from prospective contractors for design-build services for a new office and shop building complex in Elkton, Kentucky. Proposals will be accepted until the close of business on January 24, 2014 at the District office located at 617 West Main Street, Elkton, KY 42220. Prospective bidders may obtain a project information package by contacting John Haley, District Manager at (270) 265-2229.

#### Information Package Request for Proposals Todd County Water District Elkton, Kentucky January 9, 2014

#### New Office and Shop Complex

#### General

- D - D

The Todd County Water District (TCWD) intends to construct an office and shop complex on an undeveloped site located on US 68/80 in Elkton, Kentucky using the design-build approach to construct the project. TCWD is seeking to engage a contractor or joint venture to provide all design, permitting, construction and commissioning services required for completion of the project.

#### Site Conditions

The project will be built on a 3.3 acre site located as shown on the attached exhibits. The site is not within the Elkton city limits. The site is presently undeveloped, and is or will be owned by the TCWD. Potable water service will be available from the TCWD on the site. Public sanitary sewer service is not available, and an on-site septic system will be required. Natural gas is not available at the site. Phone, cable TV/broadband internet service are available on the site. There is an existing entrance from US 68/80 to the site.

#### Preliminary Planning

Exhibits provided in this package show conceptual plans for the proposed improvements. The intent is to provide these documents as a starting point for the final design. The Contractor is encouraged to suggest modification that would result in greater economy or functionality.

The preliminary design anticipates the following:

- A one story office building with 9-foot ceiling height, slab-on-grade, wood or metal framing, brick exterior, painted gypsum board interior, tile or carpet flooring, asphalt shingle roof. Provide one drive through window, with provisions to add a second in the future. Allow for expansion of the building in the future. Provide customer service counter with full height, pass-through glass partition. Provide accessible attic space for records storage.
- 2. A pre-engineered metal shop building with 16-foot eave height, 6-inch reinforced concrete slab-on-grade, 14' roll-up door height, lighting, convenience outlets and freeze protection heating in the shop area, heated and air conditioned break room and restroom, insulated roof and walls, liner panels to 10-feet above floor.

3. Concrete stoop and sidewalks to all office building exterior doors. Curbed asphalt or concrete paved parking lot for customers and visitors. Separate gravel entrance, parking and storage for the shop. Six foot security fence around the shop and storage area.

#### Contents of the Proposal

Responses to this request for proposal are asked to specifically address the following items. Please limit the response to no more than 20 pages.

- 1. General description of your company or project team.
- 2. Names and description of the qualifications of any design or major construction subcontractors you propose to use on the project.
- 3. Names and qualifications of individuals to be assigned to the project.
- 4. Experience with similar design-build projects. Please highlight 3-5 similar, recent projects performed by your company or team. Provide references with contact information.
- 5. Your proposed method of compensation for your services.
- 6. Your estimated budget for the project.
- 7. Your estimated schedule for completion of the project.
- 8. Your plan for using local labor and resources where possible.

#### Selection Process

The TCWD intends to engage one company for the services necessary to complete the project, but reserves the right to reject any or all proposals. TCWD will not be liable for any expense associated with responding to this request for proposals.

TCWD representatives anticipate reviewing the materials submitted by responders and meeting with one or more of the top ranked firms to discuss project details and clarify any issues pertaining to the proposal. TCWD anticipates award to the responder determined by the TCWD Board to offer the best combination of competency, value and responsiveness. The goal of the TCWD is to have the award completed and the project initiated by the spring of 2014.

#### Questions

Questions regarding this request for proposals should be addressed to John Haley, General Manager of the Todd County Water District at (270) 265-2229

#### Attachments

The following attachments are provided.

- 1. Site Location.
- 2. Area Map.

- Boundary Survey.
  Preliminary Office Floor Plan.
  Preliminary Office Elevations.
  Preliminary Shop Plan.
  Preliminary Site Layout.
  Septic System Evaluation (2 pages).















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County

Torld G. Water District Owner's Name

Application No. Now 68.80 mist Lot Address

Appi	licant's Name		Address					
	Evaluation Factors	ŝ	Proposed System Area F	area		Alternative Area 1	Left of Swale	, Der
1.	Topography (slope %)	5-7		PS U	5.78		C	PS U
2.	Landscape Position	Comuna s	: dos los	PS U	lonuz si	ilsaus		(S) PS U
3.	Soil Texture and Group	0-8"sil 8-20"sill 20-42'SI	COM (+	20 °) (PS)	0-4"5" H-8 Srell 8-12	Sic	4 (	S PS U
4,	Soil Structure	Blowy	to 32"	(PS) U	Dluftol			S S
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6.	Soil Depth (in.)	2,45	2''	C S S S S S S S S S S S S S S S S S S S	> 42	y		PS U
7.	Restrictive Horizons (in.)	Prim	@ 324	es. U	Pare	212"		S PS
8.	Available Space		10002	S PS U	16	1%	(	PS U
9.	Overall Site Classification	S	(PS)	U	S	PS	O	
10.	Soil Series (if available)							

**PS = PROVISIONALLY SUITABLE** U = UNSUITABLE S = SUITABLE

11. List site and/or system modifications or alternatives required for site approval and the specific area selected for system -> installation: 20 6u. -Find meix ina Ins 38 Carlos Sido Dur -201 11:20 1EM x36" xy U Eu1 152 FILLED OR DISTURBED SITES ONLY 12. Percolation Test Required: Yes No 🗆 13. Percolation tester instructions: Test to be run in flagged area at depth of in. Presoaking of test holes to be in accordance with Section 6. (4) ( ) Test measurements to be conducted in accordance with Section 6. (5) ( ). Attach copy of application and site plan. Draw in evaluation areas and designate area selected for system installation (flagged area). 61701 11-14 -13 Lf part Start A.M. IN Cartified thenorthe Cart No. Date Recuested Time PM





Address: 42220

GO

Map Center: Get Address - Land Plat Size - Street View - Area Photogram

Try out <u>3D Google Earth</u>. Google Earth gives you a 3D look of the area around the center of usually your last click point, and includes latitude, longitude and elevation information.

## Latitude and Longitude of a Point



Recomend

http://itouchmap.com/latlong.html

12/19/2013

#### Request for Proposals

The Todd County Water District will accept proposals from prospective contractors for design-build services for a new office and shop building complex in Elkton, Kentucky. Proposals will be accepted until the close of business on January 24, 2014 at the District office located at 617 West Main Street, Elkton, KY 42220. Prospective bidders may obtain a project information package by contacting John Haley, District Manager at (270) 265-2229.



## REQUEST FOR PROPOSALS

The Todd County Water District will accept proposals from prospective contractors for design-build services for a new office and shop building complex in Elkton, Kentucky. Proposals will be accepted until the close of business on January 24, 2014 at the District office located at 617 West Main Street, Elkton, KY 42220. Prospective bidders may obtain a project information package by contacting John Haley, District Manager at 265-2229



## & NOTICE OF INTENT TO FILE APPLICATION

The Todd County Water District (KY) will accept statements of qualifications from consulting engineering firms for planning, design, construction administration and other required engineering services associated with their proposed water line replacement project. Firms wishing to be considered should send a statement of qualifications not exceeding 15 pages to Dr. George Brown, Chairman; Todd County Water District, PO Box 520, Elkton, Kentucky 42220. Responses must be received by 3:00 PM, Monday, January 27, 2014.

Statements should include a description of the firm's capabilities and experience in the field of water systems engineering, resumes of individuals to be assigned to the project, a listing of similar projects along with references, and a description of the firm's familiarity with the project area and ability to provide responsive service. Firms responding to this request will be ranked according to the information submitted. The District will enter into negotiations with the highest ranked firm to execute an engineering services agreement. If the parties are unable to negotiate a satisfactory agreement, the second ranked firm will be contacted. Once a firm has been selected, all unsuccessful firms will be promptly notified.

and are not lighted to. Kentucky Infrastructure Authority

21:5-2912

#### **BID OPENING RECORD**

Engineer: McGHEE ENGINEERING, INC. Bid Date: Friday, January 24th 2014 at 4:00 PM

Owner: Project:

Todd County Water District New Office and Shop Building

CONTACT INFO **BID PRICE** SELNO. PLAN HOLDERS ADDRESS Phone: 270-726-3114 1 C & C Contracting 816 Meadow Lane Fax: \$663,771.24 Contact: John Cates Russellville, KY 42276 Phone: 270-761-9372 Fax: 2 W.D. Steele Construction 624 N 4th St. \$675,000-\$725,000 William Steele Services, LLC Murry, KY 42071 Contact: Phone: 615-855-2244 3 Fax: Denham-Blythe Company, Inc. 855 Springfield HWY, Suite 10 \$780,300 Contact: Vance Hohn Goodlettsville, TN 37072 Phone: 859-744-2222 4 Codell Construction Company 4475 Rockwell Road Fax: \$862,500 Contact: James Codell Winchester, KY 40392 Phone: 573-547-8397 Fax: 5 Robinson Construction 2411 Walters Lane \$915.000 Contact: Belinda Thieret Perryville, Mo 63775 Phone: 6 Fax: Contact: Phone: 7 Fax: Contact: Phone: Fax: 8 Contact: Phone: Fax: 9 Contact: Phone: 10 Fax: Contact: Phone: 11 Fax: Contact:

## **General Contractor**

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APR 14 2014 PUBLIC SERVICE COMMISSION

## **Request for Proposal**

Todd County Water District New Office & Shop Building Complex Elkton, KY January 24, 2014

> P. O. Box 645 • 624 N 4<sup>th</sup> St. • Murray, KY 42071 Ph: (270) 761-9372 • Fax: (270) 761-9373 www.wdsteele.com

## W.D. Steele Construction Services, ILC General Contractor

## **Table of Contents**

- Introduction Executive Summary
- Design/Build Team Organizational Structure
- Project Staff Resumes
- Select Design-Build Project Experience
- Additional List of Selected Past Projects
- Project Approach for Compensation, Schedule, Use of Local Resources
- Proposed Project Budget

P. O. Box 645 • 624 N 4<sup>th</sup> St. • Murray, KY 42071 Ph: (270) 761-9372 • Fax: (270) 761-9373 www.wdsteele.com

#### **General Contractor**

General Contracting • Design/Build • Pre-Construction • Construction Management

## Todd County Water District – New Office & Shop Complex Executive Summary

W.D. Steele Construction Services is pleased to offer our services to the Todd County Water District for your new Office & Shop Building complex. Our experienced staff is here to serve you & would enjoy the opportunity to work with you in the design & construction of your new facility.

W.D. Steele Construction Services, LLC is a construction company offering design-build, site analysis, master planning and conceptual development, preliminary design management, preconstruction services, final design management, procurement, and construction management for commercial, multi-family, educational, medical, religious, and manufacturing facilities. We take pride in providing our customers with turn-key design build packages in which the owner's needs and desires drive 100% of our design and construction efforts. With the experience of completing several design-build projects in conjunction with our design partner, ACE Design Group, LLC, we have developed a network of professionals that work very closely together from the very beginning stages through turning over the keys to a new construction project.

Regarding the Todd County Water District project, we understand that you need a one story building in which your staff can have office space and customers may come by to pay bills or collect information. This building will need to be expandable and have a customer counter area. We also understand you need a one story, pre-engineered shop building with a large roll-up door, freeze protection, insulated walls, break room, restrooms, and six foot security fence around the area. This will be placed on a site on Russellville Rd just west of Elkton.

#### **Mission Statement**

W.D. Steele Construction Services, LLC is a quality driven company where the owner is personally involved in all projects. Our primary goal is to build and develop personal, long-term relationships with our customers, subcontractors and employees while providing a turn-key project meeting the customer's needs through open communication. A repeat and long-term customer is our objective.

Please take a moment to review our qualifications and proposal of services for your project.

Danny Steele – President W. D. Steele Construction Services, LLC

## W.D. Steele Construction Services, LLC General Contractor

## Todd County Water District – New Office & Shop Complex Design Team

W.D. Steele Construction Services will be committed to the Todd County Water District and will provide the attention and staffing that the project deserves. Below you will find an outline showing the relationships between the parties that will be involved in the design and construction of your project, as well as resumes showing education, training, and experience of each person directly employed by the Design/Build Team called out on the organizational chart.

The Design/Build Team will be structured such that W.D. Steele Construction Services and ACE Design Group will be in direct communication with the Owner. We will direct all other parties, including consulting engineers, material suppliers, trade subcontractors, inspectors, etc. to direct their communications to W.D. Steele Construction Services and/or ACE Design Group to properly track any and all issues, questions, etc. associated with the project. We find that if the Owner solely communicates with our design team that both the Design/Build Team and the Owner arrive at a product that best suites the specific needs of the Owner, as quickly as possible and without creating undue costs and/or confusion amongst trade subcontractors or consulting engineers.

#### General Contractor: W.D. Steele Construction Services, LLC

- 1. Date Established: April 2005
- 2. Type of Business: LLC
- 3. Headquarters Location:

624 North 4<sup>th</sup> Street Murray, KY 42071 Phone: (270) 761-9372

#### Architect: ACE Design Group, LLC

ACE Design Group, LLC is a growing Architecture and Engineering Firm practicing throughout the region of Western Kentucky, Southern Illinois and Western Tennessee. Each of our employees are committed to excellence in design and quality construction. We support the efforts of our people to succeed personally and collectively by learning and utilizing the most current tools of the profession. Our current team has over 30 years of combined experience designing and coordinating successful public and private projects. Our design team has vast experience in multi-family and single family projects as well as commercial, institutional,

> P. O. Box 645 • 624 N 4<sup>th</sup> St. • Murray, KY 42071 Ph: (270) 761-9372 • Fax: (270) 761-9373 www.wdsteele.com

governmental, medical, and faith-based projects. You cannot drive far in the Western Kentucky, Tennessee, and Southern Illinois region without seeing something we have had the privilege of working on.

- 1. Date Established: May 2010
- 2. Type of Business: LLC
- 3. Headquarters Location:

624-B North 4<sup>th</sup> Street Murray, KY 42071 Phone: (270) 759-4420

#### William D. Steele W. D. Steele Construction Services, LLC (270) 761-9372 - detector websteele.com

#### **PROFESSIONAL PROFILE**

Results-oriented, hands-on construction and development professional with 20 years of expertise in all facets of the industry. Verifiable track record for the successful completion of multi-million dollar projects through coordinating trades, developing partnerships, and building positive rapport with architects, engineers, building officials, vendors, and clients while maintaining costs. Versed in contract negotiations, material purchasing, and site mobilization through certificate of occupancy.

#### Areas of Expertise:

- Team Building & Leadership
- Permitting, Building Codes, and Licensing
- Construction Planning & Scheduling
- Critical Path Project Management
- Budget Analysis
- Bid Spec. & Design/Build

- Quality Control Management
- Safety & Compliance Management
- Organization & Time Management
- Vendor & Materials Management
- Estimating & Job Costing

#### PROFESSIONAL HISTORY

Murray State University, Murray, KY Adjunct Professor -Taught Construction Management and Planning class

ACE Design Group, LLC, Murray, KY 2010-present Managing Member

W. D. Steele Construction Services, LLC, Murray, KY 2005-present Managing Member

- General contracting, Construction management, Design/Build and Pre-Construction Services for commercial, intuitional, industrial and Governmental projects.

- Subdivision construction.

- Facility and plant services.

- General contracting, concrete, structural steel, carpentry and interior finishes.
- Work directly with owners and architects to develop design/build projects, value engineering of bid spec. projects and value-added extras. This along with a commitment to quality and honesty results in repeat work and/or referrals along with the development of many professional relationships.

McKinney Construction Co. Inc., South Fulton, TN 1997-2006 Estimator/Project Manager

- Assisted owner in functions of daily operations including resource leveling, contracts, bonds, insurance, licensing, and mentoring,

 Managed multiple commercial/industrial/institutional projects; proficient in budgeting, purchasing. billing, manpower, subcontractor coordination, and owner/architect relations.

- Produce estimates for concrete, metal buildings, frame construction, new construction, and renovations/alterations for subcontract work and turn-key projects.
- Review and select advertised bid work, coordinate and prepare bids, develop proposals and

- - Vice President

2011

presentations.

 Safety and Compliance Manager: Set up safety program and implemented substance abuse testing and participation in Tennessee Drug Free Workforce Program.

#### William D. Steele

Stanley Jones Corporation, South Fulton, TN Project Manager 1992-1997

- Managed installation of mechanical systems on large scale, fast track building projects such as hospitals, schools, and industrial facilities.
- On site project coordinator for 15 story fast track hospital working directly with general contractor management and project design team developing coordination drawings, scheduling, and trade coordination; project won an Associated Builders & Contractors (ABC) Merit Award for a mechanical institutional project over \$3 million.
- On site project manager for \$15 million mechanical contract for a paper recycling plant; responsibilities included hiring and maintaining a workforce of 130, purchasing, development of sub bid packages, and daily net working with over 20 engineers, managers, and schedulers; project won ABC Merit Award for a mechanical industrial project over \$4 million.

Projects: - Roanoke Memorial Hospital, Roanoke, VA

- Yamakawa Manufacturing, Portland, TN
- Hibino Manufacturing, Gainsville, GA
- Antioch High School, Antioch, TN
- Blue Water Fiber, Port Huron, MI
- Frito-Lay, Rosenburg, TX
- Northwestern Steel, Hickman, KY

Cookeville Mechanical, Cookeville, TN Sales Engineer Project Manager Mechanical Estimator 1991-1992

- Commercial/industrial plumbing, piping, and HVAC sales

- Management of multiple commercial/industrial/institutional projects

- Performed takeoffs and pricing for plumbing, piping, and HVAC systems

#### PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS

*Project Managers Academy, Clemson University	*Construction Industry Technician
*WKCA (AGC) Serve on Ed. & Membership Committees	* Certified Construction Associate
*Certified Medical Gas System Installer	*State of TN Building Contractors License
*Industrial/Media Relations Training, Rust Engineering	*State of TN Plumbing Contractors License
*Leadership/Union Training, King & Ballow	*Licensed Private Pilot
*United Structures of America Metal Building School	*Licensed Realtor KY
*Estimating, Contracting, and Scheduling Seminars	* OSHA Training

#### **EDUCATION**

B.S., Construction Technology, Murray State University, Murray, KY A.S., Civil Engineering Technology, Murray State University, Murray, KY

#### **COMPUTER SKILLS**

Microsoft Windows, Excel. Word, Bidfax, Sure Track, Timberline, MS Projects

#### William D. Steele

#### REFERENCES

Clinton Smith, AIA Architect Memphis-Nashville, TN (901) 230-7966

Bart Hammontree Project Coordinator Oak Ridge National Labs (865) 574- 7515

Kevin Perry, AIA Architect ACE Design Group, LLC (270) 759-4420

Johnny Jones C.E.O. - Retired Stanley Jones Corporation (731) 479-3278

Robert Burrow Market President Heritage Bank – Fulton, KY (270) 472-3300

Chris Rodgers President/CEO Citizens Bank – Hickman, KY (270) 236-2525

Arch Hatfield Principle Optimech, LLC (615) 338-4044

H.C. Clark Walker Electric 615-292-4336

Jimmy Dan Hicks Market President Heritage Bank-Murray, KY (270) 753-7921

## W.D. Steele Construction Services, LLC General Contractor

## **Mitchell H. Morris**

mmcm2007(a)aol.com

222 Davis Mill Road Elkton, KY 42220 270-265-2797

**Experience**:

Superintendent ~ W.D. Steele Construction Services, LLC Murray, KY August 2010 to Present As the Superintendent, I am responsible for day to day operations at Fort Campbell, KY and surrounding areas. Duties include supervising employees as well Subcontractors hired for jobs.

Act as the company representative for government meetings and liaison to W.D. Steele as needed. Provide all paperwork necessary, including submittals and bids for active projects.

Supervised the expansion project for the Lyon County Library in Eddyville, KY. Worked with the architect and inspectors to make sure jobs were completed to satisfaction and in a timely manner. I was in charge of scheduling Subcontractors as well as W.D. Steele employees during this \$900,000 project.

Labor/Forman ~ White Masonry Hopkinsville, KY July 2008 – August 2010 Daily tasks included supervising laborers, ordering supplies and materials as needed. Operated necessary machinery to complete the job. All work was performed for the government at Fort Campbell, KY.

Owner/Operator ~ Morris Construction Hopkinsville, KY 1988 – 2008 Managed day to day operations of own construction company. Projects consisted of mainly custom medium and high end residential homes and light commercial construction. Supervised employees as well as daily bookkeeping tasks necessary to operate my business.

Education: University of Kentucky, 1983 - 1984 Lyon County High School, 1979 - 1983

References available on request

## KEVIN PERRY, AIA, P.E.

STRUCTURAL ENGINEER | LEED AP | NO PB ACE Disagn Croud, LLO

#### SUMMARY OF EXPERTISE AND EXPERIENCE

Kevin joined ACE Design Group after more than a decade of practice in Western Kentucky as a Principal and Owner of successful firms. Licensed as an Architect and an Engineer, he has completed over 150 projects with budgets ranging from thousands to millions of dollars.

#### **PROFESSIONAL PRACTICE**

- 2008 Principal Engineer and Architect, ACE Design Group, LLC
- 2005 2008 Principal Engineer and Architect, Perry Office of Architecture and Design Inc.
- 2001 2004 Principal Architect, Gresham Henson Perry Architecture, Inc.

2000 - 2001 Engineer in Training, Luckett & Farley Architects, Engineers and Construction Managers

#### REGISTRATION

Architect: Kentucky, Tennessee Engineer: Kentucky, Tennessee, Mississippi NCARB, Certificate LEED Accredited Professional

#### EDUCATION

2000 Master of Architecture, University of Tennessee 1996 B.S. Civil Engineering, University of Kentucky

#### PROJECT EXPERIENCE (SELECTED)

Fulton County Area Transit Center (Purchase ADD), Fulton, KY. New 3,000 sqft office building City of Marion Fire Department, Marion, KY, New 9,000 square foot fire station Fairdealing-Olive Fire Department, Fairdealing, KY, New 7,000 square foot fire station Stilley House Assisted Living (HUD), Benton, KY. 8,000 sqft addition Livingston County Senior Center (Pennyrile ADD), Smithland, KY. New senior activity center Crittenden County Senior Center (Pennyrile ADD), Marion, KY. 3,200 sqft addition Lewisport Library Branch (Green River ADD), Lewisport, KY. 1,500 sqft renovation of existing building Cadiz Convention Center, Cadiz, KY. Renovation of historic building Fulton-Hickman Co. RECC, Hickman, KY. New roof and 500 sqft addition Fulton County Health Center, Fulton, KY. Interior renovations to health department Marshall County Board of Education Addition, Draffenville, KY. Board room and restroom additions Westside Veterinary Clinic, Murray, KY. 4,000 sqft addition to existing clinic and interior renovations Universal Kidz Gymnastics, Murray, KY. 10,000 sq ft interior build-out design Haws Memorial Nursing and Rehabilitation Center, Fulton, KY, 3,200 sqft exercise and training addition Barkley Regional Airport, Paducah, KY. New ADA restroom addition Paducah Regional Sportsplex, Paducah, KY. 80,000 sqft indoor athletic and meeting facility Tom's Pizza, Murray, KY. Renovation of existing building to new restaurant Shogun Japanese Steakhouse, Murray, KY. Build-out of new 3000 sqft restaurant

## BARRY MORRIS, CDT

#### PROJECT ARCHITECT ACE Design Group, LLC

#### SUMMARY OF EXPERTISE AND EXPERIENCE

Barry came to ACE Design Group in 2013 after spending three years in Tampa, FL. There he served as project manager on numerous jobs ranging from \$100,000 to over \$6 million in value. He works in all phases of a project from initial programming meetings to document production to final inspections on a construction site. He has experience working with multifamily clients, public housing authorities, 501c3 organizations, retail developers, single family homeowners, universities, and churches. Prior to being in Florida, Barry completed several architectural internships throughout the State of Tennessee with firms specializing in church design.

#### **PROFESSIONAL PRACTICE**

2013 -	Project Architect, ACE Design Group, LLC – Murray KY
2010-2013	Project Manager & Production, Reliable Group Architects - Tampa FL
2008	Production Specialist, Trinity Design Group – Nashville TN
2006	Summer Intern Drafter, McGehee Nicholson Burke Architects - Memphis TN
2004 - 2005	Summer Intern Drafter, LifeWay Church Architecture Nashville TN

#### REGISTRATION

Architect: Florida #AR96825, Kentucky (Pending), Tennessee (Pending) NCARB, Certificate (Pending) CSI Construction Document Technologist (CDT) 2010

#### **EDUCATION**

2010 Master of Architecture, University of Tennessee Knoxville 2006 B.S. Architectural Engineering Technology, Murray State University

#### PROJECT EXPERIENCE (SELECTED)

New Walk Church, Zephyrhills, FL. Lead designer of new 35,000sf worship facility The Crossing Church South Shore, Ruskin, FL. Renovation of 38,000sf retail box into new worship facility Marine Corps League Club House, New Port Ritchey, FL. New 3,500sf club house/bar for MCL Detachment 567. Magnolia Gardens, Brooksville, FL. Construction Documents & Administration on 60 unit senior living facility. Hernando County Disaster Shelter, Brooksville, FL. Construction administration of \$1.2 million renovation of warehouse Monroe County ADA Improvements, Key West, FL. Design of ADA improvements throughout Florida Keys. Ramesh Madical Complex, Orlando, FL. Renovation of restaurant into new medical office suites. New Harvest International, Togo, Africa. Master plan of school and conference/retreat center on 7 acres in Africa. Firm Foundation Christian Fellowship, Riverview, FL. Renovation of existing space to comply with building codes. Moorings of Tierra Verde, St. Petersburg, FL. Renovation of condo unit sunrooms. Belaire at Boca Raton, Boca Raton, FL. Fair Housing Act assessment and design remedies for 240 unit complex. Moses White Estates, Tampa, FL. Construction Administration on 69 unit public housing complex. Grace Chapel, Leipers Fork, TN. Addition to existing church facility.

624 B NORTH 4TH STREET | MURRAY, KENTUCKY 42071

## CECIL J. BARNETTE

PROJECT MANAGEMENT | PRODUCTION ACE Design Group, LLC

#### SUMMARY OF EXPERTISE AND EXPERIENCE

Cecil has 6-years of coordination and design experience in Government, Commercial, Residential and Educational projects. Cecil is proficient in the current and advanced industry software, Revit Architecture and AutoCAD. He has an Associate Degree in Architectural Drafting and Design and a Bachelor Degree of Science in Construction Engineering and Management from Murray State University. Cecil's education and design experience, directly, contribute to his knowledge in construction administration and design project management. He has also served our country in the United States Army.

#### PROFESSIONAL PRACTICE

- 2010 Project Manager & Production: ACE Design Group, LLC, Murray, Kentucky
- 2006 2010 Project Manager & Production: Perry Architecture Inc., Murray, Kentucky
- 1991 1996 United States Army

#### EDUCATION

- 2011 Bachelor of Science (Construction Engineering & Management), Murray State University, Murray, Kentucky
- 2006 Associate of Science (Architectural Drafting & Design) Western Kentucky Community & Technical College, Paducah, Kentucky

#### AWARDS AND RECOGNITION

- 2006 Graduated with Distinction Western Kentucky Community & Technical College
- 2005 Certificate for AutoCAD Drafting Hopkinsville Community College

#### PROJECT EXPERIENCE (SELECTED)

- 2013 Child and Family Assistance Center, Fort Campbell, TN Size: 5,300 SF. Role: Project Management, Design and Production
- 2013 Interim THOR III Building, Fort Campbell, TN Size: 7,500 SF. Role: Project Management, Design and Production
- 2013 Fulton County Health Department Exterior Renovation, Hickman, KY Size/ Cost: 4,829 SF/ \$60K. Role: Production
- 2012 Grace Baptist Church, Murray, KY
  Size: 15,396 SF. Role: Design and Production
  2012 His House Ministries, Mayfield, KY
- 2012 His House Ministries, Mayfield, KY
  Size: 14,603 SF. Role: Design and Production
  2012 Dallas Medical Offices, Paducah, KY
- 2012 Dallas Medical Offices, Paducah, KY Size: 20,500 SF. Role: Design and Production
- 2012 Stonewater Apartment Complex, Jackson, TN Size: 2,739 SF Office, 10,291 SF 4-Plex, 13,520 SF 6-Plex, 12,487 SF 8-Plex. Role: Design and Production
- 2011 Aurora Ross Fire Department Fire Station, Hardin, KY Size: 23,300 SF. Role: Project Management, Design and Production
- 2010 Marion Fire Department Fire Station, Marion, KY Size: 7,532 SF. Role: Design and Production
- 2009 Christ Temple Apostolic Church New Sanctuary, Paducah, KY Size: 7,200 SF. Role: Design and Production
- 2007 Paducah Regional Sportsplex, Paducah, KY Size: 79,000 SF. Role: Design and Production

270 759 4420 F. 270 759 4421 | ACEDESIGNGROUPELC.COM

624 B NURTH 4TH STREET | MURHAY, KENTUCKY 42071

#### **General Contractor**

General Contracting • Design/Build • Pre-Construction • Construction Management

### **Project Experience**

#### **Dr. Dallas Medical Offices** Paducah, KY



#### **PROJECT SUMMARY**

As the medical profession grows and moves away from hospitals, more patients are seeking convenient care closer to where they live and work. Dallas Medical, a growing, progressive practitioner decided to make their new facility more approachable and accessible to many of the residents of Paducah. The new facility, located near Kentucky Oaks Mall, provides ample patient care space, an in-house pharmacy, and in-house diagnostics and testing in a comfortable 22,000 square foot building.

#### **PROJECT STATISTICS**

Location: Paducah, KY Client: Dr. Erica Dallas (270) 444-9934 Area: 22,000 SF Contract: \$2,498,194 Architect: ACE Design Group, LLC

#### **General Contractor**

## **Project Experience**

Bee Creek Soccer Complex Concessions Building Murray, KY



#### **PROJECT SUMMARY**

The Murray-Calloway Parks and Recreation Department desired to rebuild the concessions center at the local Bee Creek Soccer Complex. The scope of work included new concrete foundation, CMU block walls, ADA restrooms, and service counter areas.

#### **PROJECT STATISTICS**

Location: Murray, KY Client: Tab Brockman (270) 293-3030 Area: 1,500 SF Contract: \$115,000 Architect: ACE Design Group, LLC

#### **General Contractor**

### **Project Experience**

Exchange Street Church of Christ – Family Life Center Union City, TN



#### **PROJECT SUMMARY**

Exchange Street Church of Christ engaged W.D. Steele in a design-build relationship with ACE Design Group. They wanted to make an addition to their historic church that included a gymnasium, mezzanine with classrooms, restrooms, kitchen, and serving area. It will be a preengineered metal building with a masonry façade to match the existing church. Construction is expected to be complete by Summer of 2104.

#### **PROJECT STATISTICS**

Location: Union City, TN Client: Wes Collier (731) 479-2115 Area: 5,400 sf Contract: \$766,000 Architect: ACE Design Group, LLC

#### **General Contractor**

General Contracting • Design/Build • Pre-Construction • Construction Management

## **Project Experience**

#### Ft. Campbell Stair Replacement Ft. Campbell, KY



#### **PROJECT SUMMARY**

W.D. Steele had the opportunity to do some work jointly with ACE Design Group and Vanguard Contactors as service providers for the Ft. Campbell Army Base. The scope of work was to remove and replace several stairways in one of the buildings on base. The previous stairs had deteriorated and started to sink into the earth. W.D. Steel was able to go in and replace the stairwells while maintaining the integrity of the existing building around it.

#### **PROJECT STATISTICS**

Location: Ft. Campbell, KY Client: Pete Sykes (931) 624-3916 Contract: \$125,000 Architect: ACE Design Group, LLC

#### **General Contractor**

## **Project Experience**

## Fulton County – Hickman RECC Hickman, KY



#### **PROJECT SUMMARY**

W.D. Steele in conjunction with ACE Design Group did the design and construction for the addition and renovation of the Fulton County-Hickman Rural Electric Cooperative. They performed a substantial renovation of the existing building, constructed additional office and shop space, as well as retrofitted a new roof structure over the existing building, tying the old and the new together.

PROJECT STATISTICS Location: Hickman, KY Client: Greg Grissom (270) 236-2521 Contract: \$167,552 Architect: ACE Design Group, LLC


### Design/Build

COST \$1,870,324

SIZE

COMPLETION DATE June 2010

103,800 SF

**OWNER** 

Union County Fiscal Court Mr. Jody Jenkins P.O. Box 60 Morganfield, KY 42437 270/389-1081





### **PUBLIC EDUCATION FACILITIES**

(We have completed or have in progress over 60 Schools) Below are some of the most recent projects:

Bath County Elementary School Bath County High School Bath County Middle School Belfry Middle & John's Creek Elementary Boyd County High School Campbell County High School Campbell County High School Addition Campbell County High School Auditorium Campbell Co. High Conversion to Middle Christian County Middle School Clark County Elementary School **Clark County High School** Clark County Middle School Conkwright Middle School Renovation Crab Orchard Elem. School Addition/Reno. Dorton Elem. School Cafeteria Renovation Elliott County Performing Arts Center Estill County Middle School Floyd County High School Garrard County High School Renovation George Rogers Clark High School Room Add. Graves County Elementary Schools (Central, Fancy Farm, Sedalia and Symsonia) Hannah McClure Elementary School Jackson County Area Vocational/Tech. School Jackson County High School Phase I, II, III Johnson Central High School Renovation Knox Central High School Lakeside Elementary School Renovation Lawrence County High School Renovation Lawrence County High School HVAC Letcher County High School Letcher Co. High School Athletic Complex Letcher Co. High School Phase III (Softball, Tennis & Golf) Letcher County Vocational Schools

Magoffin Co. High School Addition/Reno. Magoffin County High School Athletic Facility Magoffin Co. High School Tornado Repairs Magoffin Co. Northside & Southside Elementary McBrayer Elementary School McKee Elementary School Mercer Co. Elementary School Media Ctr. Mercer County High School Mercer County High School Renovation Mercer County Middle School Montgomery County High School Montgomery Co. High School Gymnasium Mt. Sterling Elementary School **Owen County High School** Owingsville Elementary School Add/Reno Pendleton Co. Elementary Schools (North and South) Pendleton County High School Add/Reno Perry County Elementary School Pike Co. Elementary Schools (Millard, Mullins, Phelps, Southside, Virgie) Robert B. Turner Elementary School Salyersville Elementary School Tornado Repair Sand Gap Elementary School Sandy Hook Elementary School Reno. Shearer Elementary School Spencer County Elementary School Strode Station Elementary School Taylor County High School **Tyner Elementary School** Verity Middle School Waynesburg Elementary School Wolfe County Schools Roof Repairs (Middle & High Schools)



### **OFFICE/ADMINISTRATION BUILDINGS**

Bell-Whitley Community Action Agency Boone County Sheriff's Office Campbell County Administration Building Carlisle Co. Ag Extension Office City of Danville City Hall/Police Station City of Highland Heights New City Building Clay County Administration Building Hopkinsville Municipal Center KACo Magistrates Building KACo Office Facility Magoffin County Administration Building Marion County Executive Offices Maysville Government Services Building Morgan County Cooperative Extension Office Williamsburg City Hall

### **INDUSTRIAL/BUSINESS PROJECTS**

Alliance Coal Office Building Centre Meadows - Pimlico Apartment Reno Commercial Bank Commonwealth Agri-Energy Quarry Lake Water Project **EQT Office Facility** Hardin Co. Water District - Fort Knox Distribution Office/Equipment Bldg. KCEOC Xerox Build-Out Kenergy Office/Service Facility Kenergy Security Updates Lazard Anode Tech. Office/Product Facility Lucas Equine Equipment Facility McCoy & McCoy Laboratory Headquarters Morganfield/Union County Spec Building Pogue Auto Complex Salyersville Waterworks Trice Hughes Chevrolet Dealership Reno

### MEDICAL FACILITIES

Early Childhood Development Center Bluegrass Regional Mental Health Caldwell County Health Department Carlisle County EMS Facility Clark County Emergency Operations Center Floyd County Health Department Fourth State Veteran's Nursing Home Harrison County Health Department Knox County Hospital Knox County Skilled Nursing Unit Letcher County Health Department Madison Co. Emergency Operations Center Mason County Health Department Muhlenberg Co. Emergency Services Center Murray-Calloway County Hospital Addition Pikeville Medical Center Powell County Ambulatory Care Center Powell County Emergency Operations Center Rockcastle Co. Emergency Operations Center Village of Lebanon Nursing Facility Wayne County EMS Building Whitley County EMS Building

### **PUBLIC SAFETY FACILITIES**

Carlisle County EMS Facility Clark County Emergency Operations Center Frankfort Public Safety Facility Georgetown Police Station Conversion Project Lackey Municipal Center/Police Station Conversion

Madison Co. Emergency Operations Center Muhlenberg Co. Emergency Services Center Powell County Emergency Operations Center Rockcastle Co. Emergency Operations Center Wayne County EMS Building Whitley County EMS Building



### **DETENTION CENTERS**

(We have completed or in progress over 25 Detention Centers) Boone County Jail & Law Enforcement Center Boyd county Detention Center Campbell Co. Jail (Kitchen & Laundry Addition/Renovation Campbell County Jail Addition Carter County Detention Center Clark County Detention Center **Clay County Detention Center** Harlan County Detention Center Jackson County Detention Center Addition Jessamine Co. Detention Center Add/Reno Knott County Jail Leslie County Detention Center Muhlenberg County Detention Center Perry County Detention Center Perry County Jail Addition Riverbend Maximum Security Prison Underground Loop Replacement Shelby County Detention Center Shelby County Detention Center Addition Taylor County Detention Center Three Forks Regional Jail Todd County Detention Center Union County Detention Center Wayne County Detention Center Webster County Jail Addition

### MISCELLANEOUS

Christian County Animal Shelter Eddyville Pedestrian Improvements Project John's Creek Water Treatment Plant Leslie County Transit Facility/Parking Garage Perry County Transit Facility/Parking Garage Prestonsburg City Utilities Jenny Wiley Theater (Pikeville, KY) Morgan County Transit Center

KENTUCKY GSA IDIQ CONTRACT

Gene Snyder Courthouse - Roof Drain

### **COLLEGE/UNIVERSITY PROJECTS**

Asbury Theological Seminary (Campus wide mechanical and electrical upgrades) BCTC Winchester Campus Amphitheater Hazard Community College (Leslie County Community Development Center) Middle TN State University - Foundation Repair at Starks Agriculture Building Murray State University (Campus wide mechanical and electrical upgrades) Midway College School of Pharmacy Morehead State University West Mignon **Residence Hall Renovation** Murray State University Ordway Hall Demo University of Pikeville Activity Center University of Pikeville School of Osteopathic Medicine University of Pikeville School of Osteopathic Medicine Lecture Hall Renovation University of Pikeville Hotel Renovation for **Flood Victims** University of Pikeville Utility Upgrade Project Transylvania University Poole Hall Union College Recreation Center Union College Nursing and Health Sciences Center Union College Mahlon Miller Science Center Exterior Rehabilitation University of Kentucky Wildcat Coal Lodge UK Softball Stadium Upgrade/Renovation UK Soccer Stadium

### WATER TREATMENT PLANTS

Harrodsburg Wastewater Treatment Plant Henderson Sewer System Improvements Southern Water & Sewer District - Water Treatment Plant Improvements



### JUDICIAL CENTERS

(We have completed or have in progress over 50 Judicial Centers)

Allen County Judicial Center Boone County Judicial Center Boyd County Judicial Center Breathitt County Judicial Center Breckinridge County Judicial Center Campbell County Judicial Center Carlisle County Judicial Center Carter County Judicial Center Christian County Courthouse Elevator Addition Clark County Courthouse Annex Clay County Judicial Center Cumberland County Judicial Center Franklin County Judicial Center Gene Snyder U.S. Courthouse Pipe Replacement Grant County Judicial Center Green County Judicial Center Hancock County Judicial Center Harlan County Courthouse Addition/Renovation Harrison County Judicial Center Jackson County Judicial Center Johnson County Judicial Center Knott County Judicial Center Laurel County Judicial Center Lawrence County Judicial Center Logan County Judicial Center

Lyon County Judicial Center Madison County Judicial Center Magoffin County Judicial Center Marion County Judicial Center Marshall County Judicial Center Martin County Government Center McLean County Courthouse Mercer County Judicial Center Morgan County Courthouse Tornado Repairs Morgan County Judicial Center Morgan Co. Judicial Center Tornado Repairs Muhlenberg County Courthouse Restoration Owen County Judicial Center Pendleton County Judicial Center Perry County Judicial Center Pike County Courthouse Annex Pike Co. Hall of Justice Renovations Pike County Judicial Center Shelby County Judicial Center Taylor County Judicial Center Todd County Judicial Center Trigg County Judicial Center Washington County Judicial Center Wayne County Judicial Center Webster County Courthouse

### LIBRARIES

Breathitt County Public Library Floyd County Public Library Greenup County Library Hopkinsville/Christian Co. Library Reno Kenton County Library - Mary Ann Mognan Branch Addition/Renovation Lawrence County Public Library Lexington Library Northside Branch Lincoln County Public Library Magoffin County Public Library Perry County Library Pike County Library Woodford Co. Public Library Addition/Reno



### NATIONAL GUARD MATOC CONTRACTS

Tennessee National Guard MATOC

Installation of Emergency Generator (Memphis, TN) Sound Attenuation (Memphis, TN) Installation of Minute Man Statue (Memphis, TN) Construction of Traffic Security Bollards (Nashville, TN) Front of Hangars and Track (Memphis, TN) Ops Vestibule (Memphis, TN) Welding and Sanding Shop Exhaust (Memphis, TN) Administrative Courtyard (Memphis, TN) Surge Protection (Memphis, TN) Compressor (Memphis, TN) Flight Line Lighting (Memphis, TN) Vendeer and Alarm System (Memphis, TN) Symrna Messanine Replacement (Smyrna, TN) B720 Roof Repairs (Nashville, TN) Glass Door Project (Memphis, TN) Generator Project (Memphis, TN) Communication Room HVAC (Nashville, TN) Berry Field Renovations (Nashville, TN) Milan Water Line Project (Milan, TN) Repair/Alter B-803 (Nashville, TN) Antennae Farm (Memphis, TN) Squadrons Operations Area (Nashville, TN) Cyber Building 735 (Nashville, TN) Simulator Prep Project (Memphis, TN) Bridge Crane Project (Memphis, TN) Extend Exhaust Hoses/Renovate Hangar Doors (Memphis, TN) Repair Squadron Operations (Memphis, TN) Replace Apron Fire Hydrants/Paint Apron Airfield Markings (Memphis, TN) Breathing Air Project (Memphis, TN) OT Building Remodel (Memphis, TN) C-17 Hangar Doors Project (Memphis, TN) Illinois National Guard MATOC North and South Carolina National Guard MATOC Louisiana National Guard MATOC



Mississippi National Guard MATOC

### COMMUNITY CENTERS & RECREATION FACILITIES

ARWI (Appalachian Regional Wellness Center) Hopkinsville-Christian Co. Conference Center Paducah-McCracken Co. Convention Center Anderson Dean Aquatic Facility Clay Community Center Clay Community Center Addition Clear Creek Family Activity Center College Park Natatorium Corbin Center For Technology and Community Center Harlan Center Knott County Sportsplex Leslie Co. Community Development Center Letcher County Recreation Center Morgan County Community Center Reno Morgan County Youth and Wellness Center Roy F. Collier Community Center Suffoletta Family Aquatic Center Warren County Parks Recreation



# **5. METHOD OF COMPENSATION**

Our proposed method of compensation is 10% upon acceptance and completion of design and notice to proceed with construction. Remaining 90% to be paid monthly based upon the percentage of completed construction. Payment to be paid in 30 days of invoice submittal.



# **6. ESTIMATED BUDGET**

Codell Construction proposes to provide the Todd County Water District with a facility as outlined in the RFP provided and as described in our attached scope of work for the lump sum fee of \$862,500.00.



### Site Work:

Soil Poisoning

Light Duty Paving as shown on drawings

Gravel Parking lot as shown on drawings

Stripe Topsoil

Making Building Pad with Material from the site

Seed, Sow and Straw

500' LF of 6' Chain link Fence with 2 double gates

### Concrete:

Footers Office-	1' X 2' X 224' LF
Grade Beams Shop -	2' X 2' X 240' LF
Piers Shop -	8-1' X 1' X 2'
Slab on Grade -	Office - 4" Thick 4000 PSI Concrete with Wire Mesh
	Shop - 6" Thick 4000 PSI Concrete with Wire Mesh

#### Masonry:

**Block Foundation** 

Brick Veneer - Allowance on Brick \$400.00 / 1000

Wood: Misc. wood for exterior and interior wall framing, wood trusses, and decking material

Roofing: Tamko Dimension Shingles

#### **Doors and Frames:**

Office - Interior Metal Door Frames to be 4 %" jambs

Interior Office Doors to be Wood

Shop - Exterior Metal Doors Frames to be 4 3/4" Jambs

Exterior / Interior Doors to be Hollow Metal

Door Hardware to be Commercial Grade, with Locksets, Hinges, Closure (Exterior Doors),

Windows will be Clad Windows Non-operable

3-14' X 14' Overhead Sectional Doors with electric Operators

#### Finishes:

5/8" Drywali

Carpet in the Offices and Board Room and VCT in rest of the open areas

Paint Door Frames, Doors, and Walls

### Specialties: Toilet Accessories – Grab Bars, Soap, Paper Towel, and Toilet Paper

<u>Metal Building:</u> American Metal Building Office 60' X 60' X 18'. Insulation will be R-19, with R-13 in the side walls. Vapor Barrier will be CL505 (WMP-VR) on the ceiling and walls. Roof panels - Standing Seam 360 24 Ga. Wall Panels – Long Span III 26 Ga. Interior Linear Panels to be 10' high in the shop building

### Mechanical/Plumbing:

HVAC - Office Area will have 2 units -

- System 1 Rooms include Main Offices, Board Room, Break Room, Public Restroom, and Reception Area. 3.5 Ton 13 SEER American Standard Split Heat Pump w / 15 KW heater, with a Digital Thermostat and one exhaust fan in restroom.
- System 2 Rooms include File Map Room, Office 1, Office 2, Hall, Storage, and Restrooms. 3 Ton 13 SEER American Standard Split Heat Pump w / 10 KW heater, with a Digital Thermostat and one exhaust fan in restroom.
- Shop Rooms include Break Room and Restroom. 1.5 Ton 13 SEER American Standard Split Heat Pump w / 5 KW heater, with a Digital Thermostat and one exhaust fan in restroom. Garage 175,000 BTU hanging Heater (propane)

### Plumbing

- Office 3 ADA Tank Type water closets, 3 Drop in bowl lavatories, 2 Wall Hung Urinal, 1
  floor mounted mop basin, 1 Hi-Low Drinking Fountain, 1 two compartment S.S. Sink,
  40 Gallon electric water heater, 2 Floor Drains, 2 Wall Hydrants, 1 Ice Maker Box.
- Shop 1 ADA Tank Type water closets, 1 Drop in bowl lavatories, 1 Wall Hung Urinal, 1 floor mounted mop basin, 1 Hi-Low Drinking Fountain, 1 two compartment S.S. Sink, 40 Gallon electric water heater, 1 Floor Drains, 1 Wall Hydrants, 1 Ice Maker Box and 1 emergency shower and eye wash. Drain and oil and water separator.
- Electrical:400amp single phase underground service, 6 lamp t8 high bays in maintenance area,<br/>Lay-in lights in office area, required exit and emergency lighting, Connect HAVC<br/>equipment, Connect a total 30KW aux heat, Conveyance outlets, Connect water<br/>heater, Roughing for data/com outlets, Power and controls to overhead doors,<br/>Roughin for one projector, Power to drinking fountain, Roughin telephone conduit to<br/>pole, and Site lighting, Fire Alarm, and Pulling cat5 Cabling

# 7. ESTIMATED SCHEDULE

Please see the following page for the proposed estimated schedule.





490 US Highway 62 East, P.O. Box 619 Eddyville, KY 42038 (P) 270.388.5122 (F) 270.388-5175 www.codellconstruction.com

ID	Task Name		Duration	Start	Finish	T I	Ji F S S	an 26, '1	4 T \ \ \ \ \	TIE	Feb	2, '14	NTF	S S
1	Notice to Proceed		0 days	Mon 2/3/14	Mon 2/3/14	1	r   5   3		VV			2/3	VV I I	3 3
2	60% Design Job Submission		30 days	Mon 2/3/14	Fri 3/14/14						T			
3	60% Design Review		5 days	Mon 3/17/14	Fri 3/21/14									
4	Construction Drawings Subm	ission	30 days	Mon 3/24/14	Fri 5/2/14									
6	Construction Drawings Revie		5 days	Mon 5/5/14	Fri 5/9/14									
6	Submit to State		1 day	Mon 5/12/14	Mon 5/12/14									
7	State Review & Approval		30 days	Tue 5/13/14	Mon 6/23/14									
8	Site Work Start (building pad	and shop pad)	15 days	Tue 6/24/14	Mon 7/14/14									
9	Footers Office		5 days	Tue 7/15/14	Mon 7/21/14									
10	Grade Beam Shop		5 days	Tue 7/22/14	Mon 7/28/14									
11	Under Slab MEPs		5 days	Tue 7/15/14	Mon 7/21/14									
12	Install Rock Base (Parking ar	nd Drive Areas)	5 days	Tue 7/22/14	Mon 7/28/14									
13	Fine Grade Rock (Office and		3 days	Tue 7/22/14	Thu 7/24/14									
14	Pour Concrete Slab (Office a	nd Shop)	15 days	Fri 7/25/14	Thu 8/14/14									
15	Slab Cure		5 days	Fri 8/15/14	Thu 8/21/14									
16	Frame Office (walls and truss	665)	10 days	Frl 8/22/14	Thu 9/4/14									
17	Pre Engineered Metal Buildin	g Erection	20 days	Fri 8/22/14	Thu 9/18/14									
18	Brick Office Exterior Walls		5 days	Fri 9/12/14	Thu 9/18/14									
19	Shingles		5 days	Fri 9/5/14	Thu 9/11/14									
20	Interior Framing		10 days	Fri 8/22/14	Thu 9/4/14									
21	Interior MEP Rough In		15 days	Fri 9/5/14	Thu 9/25/14									
22	Drywall - Hang/Finish		12 days	Fri 9/26/14	Mon 10/13/14									
23	Doors - Hang		3 days	Tue 10/14/14	Thu 10/16/14									
		Trole		Milashana	~			mal T	ka			1		
Trainel	:Todd Co. Water District	Task		Milestone	-		_	ernal Tas						
	/24/2014	Split	1.1.1.1.1.1.1.1.1.1.1.1	Summary		1	Exte	ernal Mile	estone	\$				
		Progress		Project Summa	ry		Dea	Idline		\$				
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490 US Highway 62 East, P.O. Box 619 Eddyville, KY 42038 (P) 270.388.5122 (F) 270.388-5175 www.codellconstruction.com

CONSTRUCTION MANAGEMENT SINCE 1908

	ne	Duration	Start	Finish				Ja	n 26	3, 11	4					Fe	b 2, '	'14				 P
24 Paving		3 days	Tue 10/14/14	Thu 10/16/14	T	F	S	S	N	A L	T	W	T	F	S	S	M	T	I N	ГГ	F	S
25 Paint - In	terior	5 days	Tue 10/14/14	Mon 10/20/14																		
	arid - Install	4 days	Fri 10/24/14	Wed 10/29/14																		
	ile - Install	3 days	Thu 10/30/14	Mon 11/3/14																		
28 MEP - Tr		5 days	Tue 11/4/14	Mon 11/10/14																		
	cessories Install	3 days	Tue 10/21/14	Thu 10/23/14																		
30 Final Cle		3 days	Tue 11/11/14	Thu 11/13/14																		
	Punch Lists/Inspections	4 days		Wed 11/19/14																		
	ial Completion/Occupancy	0 days		Wed 11/19/14																		
	e Punch Lists & Provide Close Out Documents	20 days	Thu 11/20/14	Wed 12/17/14																		
34 Final Cor		0 days	Wed 12/17/14	Wed 12/17/14																		
oject:Todd Co. 1	Vater District		Milestone	•				Exte										[				
roject:Todd Co. 1 ate:1/24/2014	Water District Split	4+217+12+12+1	Summary	*				Exte	rnal	Mile			12.0									
oject:Todd Co. 1 Ite:1/24/2014	Water District	4 * * * * * * * * * * *		y					rnal	Mile			<b>⊕</b> ♦ □					(				

## **8. LOCAL LABOR/RESOURCES**

Codell's extensive network of subcontractors that we have amassed over the past 106 years allows us to solicit qualified local contractors for the Todd County Water District, New Office and Shop Complex.

We always try strive to achieve extremely competitive bids on every project, including Design/ Build projects. This will allow the Owner to receive the best value options.

Codell not only promotes M/DBE business participation, but we are also committed to enhancing individual participation. We can hold job trade fairs to allow for individuals that have experience to come, discuss the project, and submit their resume. Codell will submit those resumes to the appropriate successful contractor to enhance local individual participation.

We share the same commitment to promoting and enhancing M/DBE and local participation as the University of Kentucky.







RECEIVED

APR 14 2014 PUBLIC SERVICE COMMISSION

Proposal to provide design/build services

### **Todd County Water District**

New Office and Shop Building Elkton, KY

January 24, 2014

New Office and Shop Bullding Uldan, XY

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## TAB 1 Project Team

Robinson Construction Company, Quadrant Design and AEdifica Case Engineering have entered into a Strategic Alliance for the purpose of combining core competencies in the provision of superior quality design-build construction services. The Robinson Construction Team has agreed to combine their unique set of skills that include Design-Build Management, Engineering, Construction Management, Quality Control and Value Engineering for this unique and very important design-build contract.

Robinson Construction Company will lead the team in all aspects of design, construction, quality control and safety. Robinson's Preconstruction Coordinator will oversee the entire design process and aid in the transition from design to construction.



Robinson Construction is a privately owned design-build, self-perform, SDVOB contractor with headquarters in Missouri and a secondary office in Kentucky. The company has been in business for over 65 years, and has completed thousands of projects in that time – and has never failed to complete a project it was awarded. Robinson Construction will serve as the Prime Contractor and will provide

in-house structural design. Robinson will provide experienced personnel for project management, safety, quality control and on-site supervision.



Quadrant Design is a full-service architectural and planning firm with offices in Waterloo and Sparta, Illinois. Quadrant serves private businesses, non-profit groups, public entities, property developers and design-build contractors with a strong focus on the midwest. Quadrant Design will provide archi-

tectural services for the project. Robinson and Quadrant have completed numerous projects together in the past.



AEdifica Case Engineering is a full-service engineering firm that provides mechanical, electrical, structural, plumbing and fire protection consulting services with clients and projects spanning the United States. The firm has extensive experience in a number of specialized fields including medical offices, healthcare facilities, educational facilities, corporate and commercial buildings, retail projects and res-

taurants. Established in 1995, AEdifica Case Engineering has registrations in 52 U.S. states and territories and brings together 30 engineers, designers and drafters based in both St. Louis, MO and Montreal QC Canada. Robinson and AEdifica have completed numerous projects together in the past.



## TAB 2 Design/Major Construction Subcontractors

The two major design firms that Robinson will be teaming with on this project have provided a brief overview of their company and qualifications.



Quadrant Design's diverse practice includes projects of new construction, historic preservation, adaptive re-use renovations and community planning. Through working with user groups in a broad group of facilities, Quadrant Design believe that each project can educate and enrich their outlook toward other commissions. Quadrant Design's designs do not conform to predetermined styles, approaches or formulae; each project is a unique combination of the client's vision, their experience, the physical site and a realistic budget.

Quadrant Design is a full service architectural and planning firm with offices in Waterloo and Sparta, Illinois. Serving private businesses, non-profit groups, public entities, property developers and designbuild contractors with a strong focus on St. Louis, Southern Illinois, and Eastern Missouri communities.



Quadrant Design provides personal service backed by diverse experience and the total commitment needed to help accomplish your goals.

### Ædifica engineering case

The principals at Aedifica Case Engineering stay personally involved in each project. Staff includes registered professional engineers, electrical engineers, plumbing and fire protection engineers, structural engineers, designer/drafters and clerical support.

Aedifica Case Engineering provides mechanical, electrical, plumbing, structural, and fire protection consulting design and/or design-build services. All projects are the responsibility of the firm's principals. Senior-level commitment keeps projects focused and contributes to the success of each project and to the success of our clients.



The staff has extensive experience in a number of specialized fields. This experience includes educational facilities, corporate and commercial buildings, health care facilities, retail projects, industrial facilities, municipal, financial, convenience stores, restaurants, commissioning, LEED design and certification and energy management.

Founded in 1995 as Case Engineering Inc, the company changed its name to AEdifica Case Engineering in 1999 and is in its seventeenth year of operation. It has offices located in St. Louis, Missouri and Montréal, Québec.



## TAB 3 Key Personnel

Listed below are the proposed key personnel along with brief resumes. Due to possible scheduling conflicts, an alternate superintendent has been listed.

- Jeff Sutterer Engineering Manager
- Paul F. Findlay Preconstruction Coordinator
- Cody Langenstein Project Manager
- John Clutts, Superintendent
- Jaime Crowell, Alternate Superintendent

### Jeff Sutterer, Engineering Manager

#### Years Experience: 27 total, 19 with Robinson

*Qualifications:* Jeff began his career as a structural engineer working with a small consulting engineering firm. During this time he designed office buildings, parking garages, hospitals, churches, schools, and warehouse buildings. He also consulted to various industrial clients in the design of mezzanines, equipment supports, and building modifications. Jeff's design experience also includes seismic retrofit of water treatment facilities, a sports complex limestone fascia, hospitals, and office buildings. He has completed various types of designs using steel, concrete, timber, and masonry, including two-way concrete slab, post-tensioned beam and slab, tilt-up wall panel, composite concrete slab and steel beam, and laminated timber truss design. In addition to design, he consulted on commercial and residential legal cases to provide expert analysis and evaluation reports.

Jeff's experience with Robinson Construction includes construction project estimating and management. This construction knowledge enables Jeff to provide value engineering early in a design-build project to expedite the schedule and provide a cost efficient structure.

In addition to the design of permanent structures, Jeff supports construction with the design of temporary structures including cofferdams, deep excavation sheet piling, and retaining walls.

Jeff's DBI/SALA fall protection training and engineering knowledge/experience, certifies him as a qualified person to design safe and adequate horizontal plane and single point fixed fall protection systems as required by OSHA/ANSI Z359.6.

Computer programs Jeff uses regularly include Risa, Shoring Suite, Navisworks, Revit, and AutoCAD.

#### Paul F. Findlay, Preconstruction Coordinator

Years Experience: 15 total, 15 with Robinson

Qualifications: Paul's strengths include his ability to think outside the box and tackle the tough issues. He can identify and resolve problems quickly, thus reducing the chance of costly construction errors. The toughest part of any fast-track, design-build project is relaying the information from the pre-award/estimating phase to the construction department to allow them to effec-



tively and efficiently execute the project. This becomes particularly difficult on projects that have an aggressive schedule, as do the majority of the company's projects. Paul's involvement in both phases of the project facilitates this transition and allows for critical information and concepts discussed during the estimating phase to come to fruition.

In both the pre-award/estimating phase and the post-award/preconstruction phase, Paul works closely with the client to achieve results. Paul believes strongly that a fiduciary relationship is essential when completing any design-build project and works very hard to develop and retain the trust of the client.

### Cody Langenstein, Project Manager

### Years Experience: 10 total, 5 with Robinson

*Qualifications:* Cody began his career in the construction industry by completing several internships with different construction and engineering firms during college. After graduating from college, Cody accepted a position as an Assistant Project Manager with one of America's leading general building contractors, where he gained valuable experience in the commercial and health-care construction sectors. In addition, since joining Robinson, Cody has expanded his construction knowledge into the management of heavy industrial projects.

Cody is experienced in the use of Microsoft Office software, Timberline cost accounting, estimating, and project management software, Primavera, AutoCAD, Navisworks 3D, Microsoft Project, and eRoom information sharing technology.

#### John Clutts, Superintendent

#### Years Experience: 43 years, 22 with Robinson

*Qualifications:* John's more than 40 years in the construction industry have given him experience in a wide variety of project types and the particular requirements of each. His particular area of expertise is in water and wastewater treatment plants and water intake projects. John has completed over ten water supply and/or treatment plant projects for Robinson Construction Company with an aggregate value of \$40 million. It's through these assignments that John has gained a vast amount of experience with excavations, concrete structures, water intake systems, treatment processes, filters, chemical systems, pumps, piping, instrumentation, controls, and buildings.

John's close attention to detail is evident throughout the construction process, from preparation of the detailed schedule and the quality control documentation, to the accuracy of the as-built drawings he submits at the conclusion of each job. His outstanding organizational skills are instrumental in ensuring that material is on hand when needed, adequate manpower is available, and equipment arrives on site as scheduled.

John's ability to anticipate potential scheduling conflicts and to identify possible cost saving measures helps in reducing overall project costs. Through effective use of project websites and the Internet, John is able to be in continuous "real time" contact with various project personnel to avoid costly delays and unnecessary downtime.

Strong communication skills enable John to work effectively with the various parties involved in each job, including the owner's representatives, the architect or engineer, all subcontractors, and Robinson's project manager, throughout the various phases of the contract to ensure its successful completion. John's exceptional leadership skills foster a sense of camaraderie among his crew members, inspiring them to work safely as a team and instilling pride in workmanship.

All of these characteristics make John a valuable asset to Robinson Construction and, more importantly, to every customer he serves.

### Jaime Crowell, Alternate Superintendent

Years Experience: 33 total, 9 with Robinson

*Qualifications:* Jaime began his career in the mining industry. He started as a general laborer, but quickly moved into the underground equipment maintenance program. Shortly thereafter, he moved outside to the preparation plant where he was exposed to all aspects of prep plant operation, maintenance, coal handling, cleaning, and transporting. After time in the prep plant,



Jaime moved back underground where he was promoted to the position of Long Wall Section Foreman. In this position, Jaime was responsible for supervision of the 3rd shift long wall crews, which included maintenance, support, and production.

After spending 13 years in the mining industry, Jaime moved on to work for a general contracting firm in Kentucky that specializes in commercial construction and industrial maintenance in the areas of healthcare, banking institutions, schools, coal mines, hotels, and government and military contracts. During his 9 years with this firm, Jaime quickly moved up the line holding positions from Heavy Equipment Operator/Foreman, all the way up to Project Manager and Division Manager.

Jaime's wide variety of experience, and having worked in all aspects of construction, has given him the specific knowledge required to effectively supervise all types of construction projects, large and small, and his strong communication skills enable him to work successfully with all parties involved in every project assigned to him.



## TAB 4 Past Project Experience

Included in this section are similar past project sheets.



### Robinson Construction Company PES Building Expansion & Equipment Installation



**General Scope of Project:** Robinson Construction was selected as the general contractor to provide design-build services for the Phase I expansion for PES. The project required an extension of the existing pre-engineered building, roughly 180'x200', associated supporting structures and site work. The site work required for the building was quite extensive, as the existing grade fell off sharply at the existing building line. Several thousand yards of soil were moved, and in some cases imported, in order to construct the required building pad and access road.

The work also required relocation of an existing scrubber system, as well as construction of a new boiler building, QA/QC lab and machine shop. In addition, two existing underhung cranes were extended into the new building to allow for seamless product flow between the new and old structure. A new acid etching pit was also constructed in the new addition and the existing etching equipment was relocated to the new pit, including a large gantry crane to service the pit.

Robinson provided in-house design services for the structural portion, and subcontracted the architectural, mechanical, electrical and civil designs to outside firms.

Work Self-Performed and Percentage: 15% - Demolition work, equipment installation, HVAC unit installation, process equipment moves, scrubber relocation.

**Extent & Type of Work Subcontracted Out:** Although Robinson has the capability to self-perform the entire scope of work, Robinson elected to subcontract a larger percentage than normal. Robinson subcontracted the following items: Concrete, mass cut/fill, structural steel erection, painting, metal studs and drywall, paving, boiler relocation and associated piping.

#### Firm

PROJECT HIGHLIGHTS

Robinson Mechanical Contractors, Inc dba Robinson Construction Company 2411 Walters Lane Perryville, MO 63775 573.547.8397

Contract No. N/A

Location of Project Hopkinsville, Kentucky

Size 41,160 SF total

Construction Cost At Award - \$3,483,700 Final - \$3,900,000 Reason For Cost Change: Increased scope of work.

Construction Schedule Original - 11/2011 - 12/2012 Final - 11/2011 -12/2012 Reason For Time Change: N/A

Construction Delivery Method Negotiated - T&M Design-Build

**Owner's Point of Contact** 

Plymouth Engineered Shapes Joey Traughber 201 Commerce Ct. Hopkinsville, KY 42240 270.887.8224

Architect/Engineer Contact Robinson Construction Company Jeff Sutterer 573.547.8397 jsutterer@robinsonconstruction.com

Robinson's Role Prime Contractor

Performance Evaluation by Owner Good



### Robinson Construction Company Alltech Distillery



**General Scope of Project:** Robinson Construction was selected to provide design/build services for a new Distillery for Alltech in Downtown Lexington, KY. The project was of significant importance to the owners and took several years to come to fruition. More so than most clients, Alltech was very proactive throughout the design and construction process. Alltech's owners had a clear vision for the facility and were intimately involved in all aspects of the design process to ensure that their vision was carried out. In addition, Alltech had strong opinions on preferred subcontractors for the project and was actively involved in the subcontractor selection process. Robinson's management team was open to Alltech's desire to be involved in the details of the project and welcomed their involvement. Robinson coordinated the design process and made regular submittals to Alltech and solicited numerous subcontractor prices for Alltech's review, providing feedback on each one. In order to involve the client even further, the contract was written as T&M with a GMP and an open book method was used.

The final design includes a pre-engineered manufacturing area with architectural sandwich panels and a 3,600 s/f glass curtain wall area to provide visibility of the copper stills from the surrounding streets. A basement was also included below the main distillery area and the architectural features included a significant amount of hand-set stone to compliment the glass curtain wall and traditional distillery appeal of the facility.

Work Self-Performed and Percentage: Unlike the majority of Robinson's projects, the bulk of the craft labor on this project was subcontracted. Robinson provided on-site management personnel and miscellaneous craft labor for the project.

**Extent & Type of Work Subcontracted Out:** The majority of this project was subcontracted out.

### Firm

Robinson Mechanical Contractors, Inc dba Robinson Construction Company 2411 Walters Lane Perryville, MO 63775 573.547.8397

Contract No. N/A

Location of Project Lexington, Kentucky

Size 13,000 s/f

Construction Cost At Award - \$5,090,000 Final - \$5,636,605.00 Reason For Cost Change: Additional scope of work.

Construction Schedule Original - 09/2011 - 10/2012 Final - 09/2011 - 10/2012 Reason For Time Change: N/A

Construction Delivery Method Design-Build Time & Material with GMP

#### **Owner's Point of Contact**

Alltech, Inc. Mike Edwards 3031 Catnip Hill Pike Nicholasville, KY 40356 859.881.3590 Email: medwards@alltech.com

Architect/Engineer Contact Robinson Construction Company Jeff Sutterer

Robinson's Role Prime Contractor

Performance Evaluation by Owner Met Expectations to Exceeded Expectations.



### Robinson Construction Company Sabreliner Paint Hangar



**General Scope of Project:** Robinson provided turnkey design/build services for Sabreliner Corporation for its new strip and paint hangar in Perryville, Missouri. The new facility provides Sabreliner with a state of the art downdraft paint booth, capable of painting aircraft with wingspans up to 85 feet. The facility will accommodate an aircraft as large as a Bombardier Challenger 850.

Additionally, the separate cross draft stripping and preparation section will allow one aircraft to be in preparation as another is being painted. Robinson's in-house engineers performed all of the civil and structural engineering for the project and coordinated the engineering subcontractors who provided the design of the HVAC and control systems required to provide the ideal environment for a flawless paint job on the hottest Midwest summer day or the coldest winter night.

The facility also includes a finished office area, as well as restrooms, locker rooms, and a break area for the employees. The building encompasses just over 27,000 sf of ground at the Perryville Municipal Airport and is connected to the existing taxi way by over 78,000 sf of new concrete ramp. Difficult geotechnical conditions and flood plain related permit issues added to the challenges faced by the design team.

**Work Self-Performed and Percentage:** Robinson Construction provided design management, project management, quality control, and safety oversight, as well as craft labor for building erection, mechanical equipment installation, excavation, fill, and finish work. This project is 25% self-performed.

**Extent & Type of Work Subcontracted Out:** Robinson subcontracted the concrete work, a portion of the site work, the electrical work and a portion of the finish work.

### Firm

PROJECT HIGHLIGHTS

Robinson Mechanical Contractors, Inc dba Robinson Construction Company 2411 Walters Lane Perryville, MO 63775 573.547.8397

Contract No. N/A

Location of Project Perryville, Missouri

Size 27,000 s/f

Construction Cost At Award - \$5,000,000 Final - \$5,000,000 Reason For Cost Change: N/A

Construction Schedule Original - 08/2010 - 05/2011 Final - 08/2010 - 06/2011 Reason For Time Change: Weather delays

Construction Delivery Method Design/Build – Fixed Price

#### **Owner's Point of Contact**

Sabreliner Corporation Jerry Wade 7733 Forsyth Blvd., Suite 1500 St. Louis, MO 63105 jwade@sabreliner.com 636.448.1765

Architect/Engineer Contact Robinson Construction Company Jeff Sutterer

Robinson's Role Prime Contractor

Performance Evaluation by Owner Excellent



## TAB 5 Method of Compensation

Robinson Construction has completed design-build contracts with numerous compensation methods, including the following:

- Lump Sum
- Time and Materials (T&M)
- T&M with Guaranteed Maximum Price (GMP)
- Cost Plus (Fixed Fee or Percentage)
- Budgetary with a final GMP

All of these compensation methods have their place, with the main variance between methods being the risk allocation from the contractor to the owner. Even small projects carry risks, and evaluating and pricing risk is a contractor's number one priority. The lump sum compensation type offers the least risk to the owner, while the straight T&M price offers the least risk to the contractor. Generally speaking, Robinson would recommend an open book compensation method for this project, given the lack of details at this time. Surprisingly, over half of Robinson's revenue each year is derived from this contract type, as a large percentage of the company's work is for repeat customers with whom Robinson has developed a fiduciary relationship.

The two most common types of open book construction are cost plus and T&M. Cost plus contracts offer a true "open book" cost structure with the client, which is often welcome and generally encouraged by Robinson. However, the definition of "cost" becomes very cumbersome and often results in extensive auditing during invoice review. For the categories of materials, sub-contractors and equipment; the cost plus contract is very simple, as costs are easily determined and a percentage mark-up is simply applied to the cost to account for the contractor's overhead and profit. However, when self-perform labor is utilized this contract approach becomes rather confusing. The cost of labor includes the cost for wages, benefits, payroll burden, overtime, etc. Benefits and workers compensation can vary by individual employee, as well as by the activity that the employee is performing. Although this information is all available to Robinson's accounting department, the level of detail required for invoicing becomes excessive very quickly, and the auditing process by the client can become a monumental task.

T&M offers the same benefits of cost plus, in that it is an "open book" approach. For material, subcontractor and equipment, the cost is billed identically to the cost plus contract. However, for labor, a rate is specified for each classification of employee, greatly simplifying the billing and auditing process. The labor rates also include costs for small tools, consumables and a pick-up truck per crew to further simplify invoicing and auditing.

Most public entities require a fixed cost for budget appropriations and approval; in the event that this is the case, Robinson would recommend a T&M with GMP contract. In this case, the owner generally accepts a slightly higher GMP, with the assumption that the project will come in below the GMP and the owner will be allowed to keep the savings. This represents a shared risk between the owner and the contractor. For design-build projects it is often beneficial to begin working on the project based on a purely "budgetary" number and then determine the GMP after the design has reached 60-75% completion. This results in a slightly lower GMP by eliminating a large portion of the risk.



As stated above, Robinson has completed similar projects based on a variety of compensation methods and is willing to work with the owner to determine the best compensation method that meets the needs of both the TCWD and Robinson Construction. The pricing provided has been developed with the assumption that it will be GMP for a T&M type payment method.

### Method of Payment:

Robinson Construction prefers to be paid monthly by ACH draft.



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## TAB 6 Estimated Budget

Robinson Construction's estimated budget price is **\$915,000.00**. The budget may vary based on the Owner's selected finishes.



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## TAB 7 Estimated Schedule

Upon receiving notice to proceed Robinson will begin the engineering phase for the project. Construction will begin approximately two (2) months after notice to proceed and will be complete within 4 months. The total duration for this project is expected to be six (6) months.



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## TAB 8 Local Labor & Resources Plan

Robinson Construction Company has been operating as a contractor in Perryville, MO for over 65 years and has maintained an office in Hopkinsville, KY for nearly a decade. In that time, the company has completed projects throughout western Kentucky and throughout the United States. Robinson has developed close relationship with many subcontractors locally and nationwide. As a result, Robinson maintains a database of subcontractors for every trade, which includes thousands of subcontractors.

In addition to Robinson's familiarity with local subcontractors due to longevity alone, Robinson Construction is a Merit Shop general contractor; which means that subcontractors won't be arbitrarily eliminated from competition due to a lack of union affiliation. Robinson routinely solicits pricing from both Union and Merit Shop subcontractors and selects the subcontractor that has adequately covered the scope of work and offers the most efficient price.

Robinson is extremely aggressive when soliciting subcontractor bids and will ensure that qualified local subcontractors are solicited and provided with equal opportunity to bid the work. In addition, with an office in Hopkinsville, KY; Robinson is a local contractor and will likely self-perform a large portion of the work.





### RECEIVED

APR 14 2014 PUBLIC SERVICE

COMMISSION

### PROJECT PROPOSAL | 24 JAN. 2014 **NEW OFFICE AND SHOP COMPLEX** TODD COUNTY WATER DISTRICT

617 W Main St. | Elkton KY 42220



LEXINGTON OFFICE: 100 TRADE STREET | LEXINGTON KY 40511 | tel: (859) 255-7405 | web: www.denhamblythe.com



NASHVILLE OFFICE: 855 SPRINGFIELD HWY | GOODLETTSVILLE TN 37072 | tel: (615) 855-2244 | fax: (615) 855-2249



January 24, 2014

Todd County Water District 617 West Main Street Elkton, KY 42240

Attn: Mr. John Haley District Manager

> Re: New Office & Shop Building Complex Elkton, Kentucky Denham-Blythe No. P14-013

Dear Mr. Haley:

We are pleased to submit our design-build budget proposal for your new office and shop building complex located on your property in Elkton, Kentucky. Our team will provide all labor, materials, equipment, supervision and engineering as outlined in this booklet.

Included in this booklet is our company profile, primary subcontractor selection method, team resumes, past similar experience, compensation/contractual methods, project schedule, project budget with scope and a labor plan.

We appreciate the opportunity to provide you with this service and are looking forward to the successful completion of your project. Should you have any questions, please contact us at 615-855-2244.

Very truly yours, DENHAM-BLYTHE CO., INC.

R. Vance Hohn, P.E. Vice President

CC: Heath Doggett – Denham-Blythe

RVH/mg

100 Trade Street • P.O. Box 11636 Lexington, Kentucky 40576 (859) 255-7405 • Fax (859) 233-4073 855 Springfield Highway Suite 101 Goodlettsville, Tennessee 37072 (615)-855-2244 • Fax (615) 855-2249

### DENHAMBLYTHE design/build

### **1. COMPANY DESCRIPTION**

### **Company History**

Denham-Blythe Company has been providing construction management, general contracting, design and start-up services since 1976. It was founded by Charles Denham and Dale Blythe. The company was founded with a focus on fulfilling customer's every need throughout the construction process including assistance with initial concept development to final design and cost development and then finally through construction and commissioning services. Because of this total customer service oriented approach and the commitment to surpassing customer expectations, Denham-Blythe has grown dramatically over its history and our repeat customers and long-term partner clients are continuing to grow in numbers every year.

Our customers include utility companies, Fortune 500 manufacturing companies, healthcare institutions, public and private educational facilities, and other private clients. This diversity and range of customer needs has allowed Denham-Blythe to become experienced in almost every facet of design and construction. In addition, we regularly employ a wide range of contracting approaches, each one custom tailored to specific client needs and requirements.

Denham-Blythe Company has offices in Lexington, Kentucky and Nashville, Tennessee. We have completed projects in Kentucky, Tennessee, Ohio, Indiana, Illinois, Michigan, West Virginia, South Carolina, Mississippi, Georgia, Kansas, North Carolina, Texas, Iowa, California, Massachusetts, Missouri, Arkansas, New York, Colorado, and New Jersey.

We have developed long-term relationships with various companies by performing construction services in a timely and cost-effective manner. Over 85% of our projects are with repeat customers.

Denham-Blythe Company currently has over 130 field employees that include Project Managers, Superintendents, Document Control Engineers, Mechanical and Electrical Coordinators, Field Office Managers, Safety Engineers, Field Engineers, Equipment Operators, Carpenters and Laborers. We also have more than 40 office staff in our two offices that include Senior Project Managers, Document Controllers, Estimators, Architects and Engineers.
#### **Project Qualifications**

Denham-Blythe Company has a unique balance of Construction Management services, design services, and field staff that allows us to be involved in a variety of projects and provide a wide range of services. Our company is one of a very few in the Commonwealth of Kentucky that has Construction Professionals, Design Professionals, and Tradespeople under one umbrella. This mix of employees and expertise uniquely qualifies Denham-Blythe Company to provide Construction Management services to Todd County Water District as the only design-build choice that can guarantee a quality product, competitive pricing, and an on-time facility delivery.

DENHAM BLYTHE

Our Project Managers have true field experience and have been involved in the daily construction activities allowing them to have a complete understanding of the construction process from planning through completion. Most of our Project Managers began their career as Engineer Interns, then they progressed to Field Engineer, to Project Engineer, to Superintendent and then on to Project Manager. This progression allows for our Project Managers to see each position within the Construction process and to fully understand the importance of each person's duties. Due to the in-house design exposure, our Project Managers also understand the importance and intricacies of communicating with the designers. They have access to rapid answers and assistance from our in-house design staff any time that they might need it.

We currently have more than a dozen in-house Registered Architects and Registered Engineers in our Design Department. The Designers assist in constructability reviews which often require project-specific construction means and methods solutions such as shoring design or unique scaffold design that must be performed by registered design professionals.

Our company performs a substantial amount of design-build work which allows our project managers to be involved in design development through completed construction of projects. We use this experience to better understand the design's intent and not just the end product of the design. This knowledge will help to identify and avoid costly design-related issues that are otherwise often found too late in the construction process and are very costly to rectify.

#### 2. Primary Subcontractors

Denham-Blythe Company strives to utilize the most competent, cost-effective, and safety-conscious subcontractors on all of our projects. Each of the subcontractors listed below have performed multiple projects for Denham-Blythe in the past and are headquartered close to Todd County. Each subcontractor has a proven track record of success with design-build construction projects that we have completed with them.

#### Durham Heating and Cooling – HVAC Subcontractor

Durham Heating and Cooling has been in the mechanical contracting business for 44 years. They are a small family business, 100% female owned and operated. They are certified as an American Standard customer care dealer. They have extensive experience in the residential and commercial markets and have worked with Denham-Blythe Company as a mechanical subcontractor on several projects including several projects with Pennyrile Rural Electric.

DENHAM BLY

Their in-house capabilities include: HVAC installation and service, geothermal installation and service.

#### **Industrial Piping - Plumbing Subcontractor**

Industrial Piping has been in the plumbing contracting business for 43 years. They have worked with Denham-Blythe Company as plumbing subcontractor on several PRECC facility construction projects.

Their in-house capabilities include: Gas piping, water piping, drainage piping, design, septic systems, boilers, compressors, and process equipment.

#### **Knight's Electric - Electrical Subcontractor**

Knight's Electric has been in the Electrical contracting business for 37 years. Similar to the others above, they have a strong presence in the commercial market and have worked with Denham-Blythe Company as electrical subcontractor on many projects including several with Purity Zinc.

Their in-house capabilities include: Installation and service of commercial, industrial, and agricultural electrical systems, including all phases of electrical power distribution, controls & communications.



## **B & R Electric - Electrical Subcontractor**

B & R Electric has been in the electrical contracting business for 19 years. They have been successful focusing on heavy commercial and industrial projects. Their work with Denham-Blythe Company includes the Kroger Company in Portland, TN and Jennmar Corporation.

Their in-house capabilities include: Installation and service of all phases of electrical power, and electrical equipment mobilization.

# Thomas "Adam" Jones, P.E. Structural Engineer

#### **Experience**

#### **Corning Incorporated**

Harrodsburg, Kentucky Project Cost: \$65,000,000 Construction of a 10-level process facility consisting of more than 100,000sf of production area; work included over 2,000 tons of building steel and included 24/7 construction activities

#### **Delight Products**

Springfield, Tennessee Project Cost: \$1,400,000 Design and construction of 22,000sf warehouse/ assembly expansion with fire pump and process piping/coordination

#### **Electrolux Home Products**

Springfield, Tennessee

Project Cost: \$3,100,000 Phase I (Titan Building) Construct plan/spec preengineered metal building with blow press pit, crane extension modifications, cooling tower additions, fire protection and renovations.

Phase II (Enamel Expansion) Design and construction conventional steel addition to Phase I while still under construction, with equipment mezzanines, docks, membrane roof and process piping, and electrical work

#### **River View Coal**

**Mine Bathhouse** 

Morganfield, Kentucky

Project Cost: \$3,209,000 Design-Build of a new 36,600sf office facility bathhouse and warehouse

#### **Gibson County Coal**

Princeton, Indiana

Project Cost: \$1,400,000 Design-Build of a new 16,000sf Mining Bath House/Mine Engineering facility

#### **Pace Dairy**

Crawfordville, Indiana

Project Cost: \$7,500,000 Design-Build of a new 53,500 SF conventional steel warehouse cooler expansion. Work included modification of existing pre-cast concrete panels and cooling piping coordination.





Registered Professional Engineer in Kentucky & Tennessee

Years of Experience

<u>Education</u> B.S. Civil Engineering University of Kentucky, 2005

M.S. Civil Engineering University of Kentucky, 2008

#### **Training/Certification**

ACI Level I Concrete Field Testing Technician Level I TDEC Inspection Certification OSHA 10-Hr Certification

<u>Professional Affiliations:</u> American Society of Civil Engineers

# Derek T. Brooks, AIA, CID, LEED AP Architect

## Experience

#### OFFICE

- Pennyrile Rural Electric Company, Elkton, Kentucky. Design-build of new 37,535 SF office and truck warehouse facility. Conventional steel construction with brick, block and metal panel exterior. The facility houses PRECC functions as well as public meeting space.
- Electrolux, Springfield, Tennessee. Design-build renovation of existing out-dated office space with completely new floor plan, HVAC, electrical, lighting and fixtures.

#### MANUFACTURING

- Denyo, Inc., Danville, Kentucky
- Daicel, Beaver Dam, Kentucky
- Pilkington, Laurinburg, North Carolina
- Pennyrile Rural Electric Corporation, Elkton, Kentucky

#### CIVIC

- Executive Office Building, Kentucky State Capitol Campus, Frankfort, Kentucky
- Boiler Building, Kentucky State Capitol Campus, Frankfort, Kentucky
- Chiller Building, Kentucky State Capitol Campus, Frankfort, Kentucky

#### MEDICAL

- Kentucky Clinic Frankfort, Frankfort, Kentucky
- Davis-Mills Medical Resonance Imaging and Spectroscopy Center, Markey Cancer Center, Lexington, Kentucky

#### **HIGHER EDUCATION**

- Shumaker Research Building, University of Louisville, Louisville, Kentucky
- Spalding University Leadership Center, Spalding University, Louisville, Kentucky

#### **SPORTS**

- Urban Active Fitness, Buckhead, Georgia
- New Beginnings Therapeutic Riding Facility, Bowling Green, Kentucky

# DENHAM BLYTHE design/build



Registered Architect, Kentucky 1993, #4159

Registered Architect, Tennessee 2011, #104462

Registered Architect, North

- Carolina, 2011, #12083
- **Registered Architect, South**
- Carolina, #8648
- Registered Architect, Texas,
- #23896
- NCARB Certificate #45314 LEED Accredited Professional

Years of Experience 26

#### Education

Bachelor of Architecture, University of Kentucky, 1988

#### **Professional Affiliations**

American Institute of Architects, East Kentucky Chapter-President 2011 / 2012 American Institute of Architects, East Kentucky Chapter-Vice President 2010 AIA Kentucky Merit Award 2000 AIA Kentucky Merit Award 2003 AIA Kentucky Merit Award 2008

# Katie Lenee Beard, PE Civil Engineer

#### **Experience**

#### **Nisshin Automotive**

Versailles, Kentucky

Project Cost: \$2,240,000

Redesign existing facility site infrastructure within city limits and adjacent to local sport venue for the construction of a 23,500 SF building addition and new 16,000 SF truck yard and dock. Including storm water piping, retention pond, site grading, coordination with local Planning & Zoning as well as State permit requirements.

#### **Purity Zinc**

Clarksville, Tennessee Project Cost: \$1,300,000 Site layout, grading, drainage, erosion control and permitting for a 30,000sf addition onto an existing facility.

#### **Messier-Bugatti USA**

Walton, Kentucky Project Cost: \$9,300,000 Site layout, grading, drainage, erosion control and permitting for an 17,000sf high temperature furnace building addition.

#### **Pennyrile Rural Electric Company**

Hopkinsville, Kentucky Project Cost: \$2,800,000 Site layout, grading, drainage, erosion control and permitting for a 43,385sf office and attached warehouse, including electrical line truck, and transformer storage. The office utilized high r-values in the roof and walls to increase energy efficiency.

#### **Daicel Safety Systems**

Beaver Dam, Kentucky

Project Cost: \$3,500,000.00 Site layout, grading, drainage, erosion control and permitting for a 41,000sf addition onto an existing facility.





Years of Experience

#### **Education**

B.S. Engineering Arts Georgetown College, 2003

B.S. Civil Engineering University of Kentucky, 2003

#### **Professional Affiliations**

Kentucky Society of Professional Engineers

#### Registrations

Registered Professional Engineer in Kentucky, #26071

# Brian "Heath" Doggett Project Manager

#### **Experience**

Electrolux—Springfield, Tennessee Project Cost: \$1,200,000 Project Manager for a 13,000sf warehouse expansion including docks. Project is ongoing, scheduled for completion in 9/2012.

Electrolux—Springfield, Tennessee Project Cost: \$5,000,000 Project Manager for the construction a 3-story addition of lab space. Construction also included a 25,000sf renovation of existing office space.

Martinrea—Springfield, Tennessee Project Cost: \$800,000 Project Manager for installation of two new hot stamping press pits for auto manufacturing facility.

Frestpoint Tomato--Nashville, Tennessee

Project Cost: \$2,500,000 Superintendent for fit-up of 50,000sf of existing Tennant space: construction accommodated fruit and vegetable storage (34°-70°) and production lines, included new two story office within and new docks

PSC Metals—Nashville, Tennessee Project Cost: \$800,000 Superintendent for a two story complete office renovation

**PSC Metals** – Nashville, Tennessee

Project cost: \$1,500,000.00 Superintendent/Field Engineer for a new recycling conveyor system and three-story process building

Havertys — LaVergne, Tennessee Project cost: \$420,000.00 Superintendent/Field Engineer for construction of new Furniture Drop Zone Site

Sun Chemical— Menasha, Wisconsin Project cost: \$500,000.00 Superintendent/Field Engineer for Ink Plant Remodel: complete renovation of break room, restrooms, locker rooms and unisex restroom

Manufacturing Facility Ritatsu Manufacturing— Beaver Dam, Kentucky Project cost: \$ 1,300,000.00 Superintendent/Field Engineer for a 27,000sf addition with overhead crane high bay.



Years of Experience

<u>Education</u> B.S. Civil Engineering Technology/ Construction Management

Western Kentucky University

**Training/Certification** 

CPR/First Aid/Bloodbourne Pathogens Boom Lift, Scissor Lift Tennessee Erosion Control Kentucky Erosion Control OSHA 30 Hour

DENHAM BLYTHE design/build

# Daril Cardwell Superintendent

#### Experience

#### **Gibson County Coal**

Princeton, Indiana Project cost: \$1,400,000.00 Superintendent for the Design Build of a new 16,000sf Mining Bath House/Mine Engineering facility.

#### **PSC Metals**

Nashville, Tennessee Project Cost: \$200,000.00 Superintendent for the installation of equipment for a metal separating system for recycling purposes.

#### **Purity Zinc**

Clarksville, Tennessee Project cost: \$100,000.00 Superintendent for conversion of warehouse to office space, remodel of existing restroom.

#### **Thyssen Krupp**

Hopkinsville, Kentucky Project cost: \$300,000.00 Superintendent for construction of various plant improvements. Including slab repairs, new ramp, and 16'x16' overhead door.

#### **Kobe Aluminum**

Hopkinsville, Kentucky Project cost: \$230,000.00 Superintendent for construction of a concrete slab, storage building and temporary tent.

#### Webasto Manufacturing Facility for Sunroofs Murray, Kentucky

Mullay, Remacky

Project cost: \$6,600,000.00 Assistant Superintendent for a 118,000sf Greenfield Sun Roof Manufacturing Plant Project including a 9,200sf office, site work, process pits and foundations, mechanical room, process utilities, chiller, cooling tower, CMM room and explosion controlled paint facilities.





Years of Experience

Education

Christian County High School 17 years of in-the-field training

#### **Training/Certification**

Fork truck Certified CPR/First Aid/Blood Bourne Pathogens ACI Concrete Test Level 1 Tennessee Erosion Control Level 1 10 Hour OSHA MASHA-24 Hour Miner Safety Years of experience operating Backhoes, Bobcats, Man lifts, And Bulldozers.



## 4. EXPERIENCE AND REFERENCES

#### Similar construction projects

The following are examples of previous contracts and projects that Denham-Blythe Company has completed. We have completed multiple projects for each of these customers throughout our history.

#### A. Bluegrass Energy RECC - Nicholasville.

Project consisted of the design and construction of a two-story office facility with a customer drive thru window and awning. Facility was a Greenfield project and included an attached warehouse facility. Please also refer to the attached Project Sheet following this page for additional information.

#### B. Pennyrile RECC - Cadiz.

This was one of the many projects that Denham-Blythe Company has completed for PRECC throughout Kentucky. It was a design-build project that included a 3,000 square foot office and an attached storage facility. The project also included extensive site work to allow for the necessary exterior storage areas the Client required. The facility also included dual drive-thru customer lanes. See the attached Project Sheet.

#### C. Pennyrile RECC – Hopkinsville/Daysville

These projects are a larger (but very similar) version of the Cadiz facility outlined above. The facilities incorporated a very well-insulated roof system over both the office and warehouse areas to minimize utility consumption. See the attached Project Sheets.

#### D. Central Bank - Georgetown.

Project consisted of a complete renovation of an existing 100-year old building. A new elevator and stairs were added to the dated building, requiring significant structural and architectural updates. The updated facility also included the construction of a new parking area and drive-thru window to better serve their customers. See attached Project Sheet.

#### E. University of Kentucky Federal Credit Union - Lexington.

This project consisted of the design and construction of a new multi-story office facility. Construction included extensive electronics and cabling associated with the security system and automated teller machine. Project also included a multiple car drive-thru canopy on the rear of the building. See attached Project Sheet.

## References

#### **Pennyrile RECC**

2000 Harrison Street Hopkinsville, Kentucky 42440 Mr. Eston Glover - CEO Email: eglover@precc.com Phone: (270) 886-2555

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design/build

#### Novita

175 Old Shackle Island Road Hendersonville, Tennessee 37075 Mr. Warren Hyland - Director Email: warren@novitatech.com Phone: (303) 888-5121

## **AEP Industries**

123 Williamette Lane Bowling Green, Kentucky 42101 Mr. Christopher Williams - Project Engineer Email: williamc@aepinc.com Phone: (270) 846-7749

#### Electrolux

1100 Industrial Drive Springfield, Tennessee 37172 Mr. Frank Callis – Product Maintenance Manager Email: frank.callis@electrolux.com Phone: (615) 382-1888

#### Lexmark International, Inc.

740 West New Circle Road Lexington, Kentucky 40550 Mr. Chris Chapman, PE - Facilities Engineering Email: cchapman@lexmark.com Phone: (859) 232-2295



# P R O J E C T S H E E T



# **BLUE GRASS ENERGY**

#### **Project Description**

**Design and construction of a conventional steel building with brick veneer and dryvit exterior on office**. Warehouse and operations building uses conventional steel frame with block and metal siding exterior.

## **Construction Highlights**

Customer service area on first floor with drive-thru teller window; elevator service for the two floors of the office and warehouse; 60 tons of geothermal heating and air conditioning with energy management system. Location

1201 Lexington Pike Nicholasville, Kentucky 40340 (859) 885-4191

## Schedule

Project started in October and Completed in November

## Square Footage

16,000 SF Office 12,000 SF Warehouse

Contract Amount \$2,000,000

"Denham-Blythe is Helping Keep the Energy in Motion"

## **DENHAM-BLYTHE COMPANY, Inc.**

100 Trade Street • Lexington, Kentucky, USA 40511 859.255.7405 • Fax 859.233.4073 • www.denhamblythe.com Nashville Office: 855 Springfield Highway • Suite 101 Goodlettsville, TN 37072 • 615.855.2244 • Fax 615.855.2249



# The Denham-Blythe Company, Incorporated



# PENNYRILE RECC OPERATIONS CENTER

# **Project Description**

**Design and construction of an Operations Center for the region's supplier of electricity.** The project included a 19,000 square foot warehouse and a 3,000 square foot office with a pole yard, transformer storage area, and covered service truck parking.

# **Construction Highlights**

Dual drive-thru windows, exterior finish insulation system, brick facade, standing seam roof, and emergency generator.

## Location

Highway 68 Cadiz, Kentucky 42211 (270) 522-6678

### Schedule

Started: October 2000 Completed: May 2001

# Square Footage 22,000

#### Contract Amount \$1,300,000

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# PENNYRILE RECC OPERATIONS CENTER (HOPKINSVILLE KY)

# **Project Description**

**Design and Construction of an operations center for the region's supplier of electricity.** The project included a 24,164 square foot warehouse, 6,168 square foot office, transformer storage area, and 13,053 square foot of covered truck parking.

## **Construction Highlights**

- > EIFS, brick façade, and standing seam roof.
- Geothermal HVAC system
- ▶ R-38 roof insulation for office & building
- Dry type fire protection throughout the warehouse and truck parking.
- Separate storage for used transformers with spill containment.
- Double Wythe continuously insulated block wall.

"Denham-Blythe Helps Co-Op prepare to better respond when the lights are out"

## Location

2000 Harrison Street Hopkinsville KY 42240

## Schedule

Started in August Completed following June

## Square Footage

43,385 SF

## **Contract** Amount

\$2,717,532

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# P R O J E C T S H E E T



# CENTRAL BANK

# **Project Description**

**Renovation of two-story 100-year-old structure with new rear addition for stairs and elevator.** New parking area in rear with a drive-thru canopy structure. Video banking equipment was utilized for drive-thru customers.

# **Construction Highlights**

- Exterior masonry facade maintained
- Windows replaced to continue early 1900's antebellum facade
- Marble tile floors with large expanses of wood trim throughout lobby and banking center.
- Maintaining existing building & facade allowed the bank to better co-exist with downtown Georgetown's 20th Century Architecture

"Denham-Blythe Helps Central Bank Make Another Deposit"

# Location

100 West Main Street Georgetown, Kentucky 40324 (502) 868-5116

# Schedule

Project started in June and completed in November

## Square Footage

12,000 SF

# **Contract** Amount

\$1,300,000

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# UNIVERSITY OF KENTUCKY FEDERAL CREDIT UNION

# **Project Description**

**Design and construction of a 2-story banking Center Corporate Headquarters.** Brick veneer on 6" metal frame studs on structural steel. Stained concrete floors.

# **Construction Highlights**

90-ton chiller provides chilled water to air handling unit for each floor. Duct work distribution with VVT's for max T-Stat control to all offices. Purchased and coordinated banking equipment installation. Purchased and coordinated data/ telephone cabling to all offices as well as furniture and Audio/Video equipment and cabling.

# "Denham-Blythe, Teamwork & Coordination Saves Time and Money"

# Location

2557 Sir Barton Way Lexington, Kentucky 40509 (859) 257-2678

# Schedule

Project started in July and completed the following September

Square Footage 24,000 SF

Contract Amount \$4,700,000

# DENHAM-BLYTHE COMPANY, Inc.

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# P R O J E C T S H E E T



# PENNYRILE RECC WAREHOUSE (DAYSVILLE KY)

# **Project Description**

**Design and Construction of an operations center for the region's supplier of electricity.** The project included a 29,006 square foot warehouse, 8,448 square foot office, transformer storage area, and 12,709 square foot of covered truck parking.

## **Construction Highlights**

- EIFS, brick façade, and standing seam roof.
- Geothermal HVAC system for offices.
- R-38 roof insulation
- Separate storage for used transformers with spill containment.
- Double Wythe continuously insulated block wall.
- Site Development

## Location

5400 E. New Hwy 68 Elkton, KY

# Schedule

Started: 10/25/11 Completed: 8/10/12

# Square Footage

37,535 SF

# **Contract** Amount

\$2,894,000

# 5. PROPOSED COMPENSATION

Denham-Blythe Company has always been very flexible relative to our clients' preferred method of contracting. We have entered into several different types of contracting and compensation arrangements throughout the years in an effort to accommodate a procurement style that best suits each owner. These agreements include traditional turnkey fixed-price contracts, cost-plus construction management arrangements, at-risk construction management agreements, time and materials projects, and several other less common approaches. Within these various options, there are also other variables such as pre-pay, partial pre-pay, installment payments, and monthly invoices charged for work in place.

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We have outlined the two most common owner-preferred payment options below which can be adjusted as necessary to suit your needs.

#### **Cost-Plus Construction Management**

This is the construction arrangement that most of our repeat-customers prefer because it greatly increases their flexibility while also reducing their out of pocket expenses. With this arrangement every part of the procurement process is completely transparent. At the beginning of the project, a mark-up (that includes both profit and overhead) will be negotiated and agreed upon by both Denham-Blythe Company and Todd County Water District and that same mark-up would apply to all project costs including design. A typical mark-up for a project of this type and size would be 8 to 10 percent.

We will develop the project construction documents with client approvals throughout the process and issue the construction package out for pricing. Upon receiving pricing, we will work through every proposal and material option with the owner and select the best VALUE with them (which is not always the lowest price).

This contracting method results in an open-book approach that allows customers to see exactly how much every component of the project is costing them as well as to have input on as much (or as little) of the subcontractor/supplier selection as they would like. It can also result in savings to the client in the form of unspent contingencies.

This is the method we used on almost all of the PRECC projects.

In a traditional at-risk approach, contractors must include a significant percentage of contingency in their price to account for the variability that exists on any construction project. With this approach, that contingency is not required.

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We would typically expect to invoice this type of project monthly (with 30-day pay terms) and no pre-payment would apply. Invoices would only include amounts for work completed at the time of the invoice.

#### **Turnkey Fixed-Price Option**

This contracting approach basically puts 100% of the risk in the hands of the contractor. We will jointly develop the scope and parameters of the project with input and approvals from Todd County Water District, then we will issue those documents for fixed pricing to subcontractors and suppliers and develop a complete package price. These costs are collected and a final fixed price amount is developed that would be presented to the Water District to establish the total project cost. The preliminary and final design costs will also be included in this total project cost. This price will include customary profit and overhead mark-up as well as an additional construction contingency.

This approach limits the owner's exposure to omissions, errors, or other issues that frequently arise during the construction process. The only increase (or decrease) in the construction price would be due to owner-requested changes in scope (i.e. making the building larger).

We would typically expect to invoice this type of project monthly (with 30-day pay terms) and no pre-payment would apply. Invoices would only include amounts for work completed at the time of the invoice.

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# **SCOPE and BUDGET PRICING**

- A. The design-build team consists of the following disciplines and companies:
  - 1. Construction and Management Denham-Blythe Company
  - 2. Architectural and Structural Engineering Denham-Blythe Company
  - 3. Civil Engineering Denham-Blythe Co.
  - 4. Mechanical Construction and Engineering TBD, pricing is based on Durham Heating & Cooling
  - 5. Plumbing Construction and Engineering TBD, pricing is based on Industrial Piping
  - 6. Electrical Construction and Engineering TBD, pricing is based on Knights Electrical or B&R Electric.

This team is qualified to complete all engineering, working and detailed drawings and construction of your project under a total responsibility contract to assure you of the highest quality of engineering and construction.

We will work closely with Todd County Water District personnel in the planning and construction stages to keep interruptions to daily operations to a minimum and to provide the earliest occupancy time possible.

- B. Denham-Blythe Company will provide complete construction services including procurement, estimating, scheduling, field engineering, field supervision, cost accounting, testing, field inspection, and coordination of this project.
- C. A complete set of working drawings, including architectural, civil, structural, mechanical, and electrical will be provided. Accurate record set drawings plus a copy of all shop drawings will be transmitted to the owner upon completion of the project.

Our proposed scope consists of the following items, which are included in the total price of the project.

- 1. General Conditions
  - a. Full time on site supervision. We have estimated 24 weeks for the project.
  - b. Field engineering support for building layout and quality control.
  - c. Project management support for weekly meetings, procurement, billings, scope changes, expediting contractors, etc.
  - d. Mobilization
  - e. Temporary office and storage trailers.
  - f. Weekly clean-up.
  - g. Final clean-up.

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- h. Dumpsters
- i. Permits value of \$1,200.00
- j. Vehicles, phones, etc.
- k. NOI permit
- 2. Site work
  - a. Site work
    - i. Strip topsoil and unsuitable soils, approximately 835cy
    - ii. Erosion control
    - iii. Mass cut and fill to level building pads
    - iv. Respread topsoil
  - b. Demolition
    - i. No work.
  - c. Asphalt/Gravel Lots
    - i. Furnish and install 920sy of light duty paving 6" dense grade aggregate (DGA), 2" binder and 1" topcoat.
    - ii. Striping for two (2) HC stall and four (4) directional arrows.
    - iii. Install 2,090sy of 8" DGA
  - d. Soil testing allowance of \$450.00
  - e. Termite treatment
  - f. 270lf of chain link fence, 6' high with, three (3) strands of barb wire at the top.
  - g. Re-seed disturbed areas.
  - h. Landscape allowance of \$3,500.00.
- 3. Concrete
  - a. Form and place foundations for garage and office area based on Denham-Blythe preliminary foundation design, approximately 30cy.
  - b. Furnish, place and finish slabs on grade for both buildings, approximately 180cy.
  - c. Concrete testing.
  - d. Provide vapor barrier for office.
  - e. Furnish, place and finish sidewalks, approximately 328sf.
  - f. Furnish and install twelve (12) 6" diameter 7' long pipe bollards.
  - g. Provide expansion joint material at the slab perimeter.
- 4. Masonry
  - a. Furnish and install approximately 450sf of 8" CMU for the office foundation walls.
  - b. Furnish and install brick façade for office building. Brick Allowance is \$450.00/thousand.

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- 5. Steel
  - a. Furnish and install 85lf of steel lintels for the office windows.
  - b. Provide three (3) steel columns for the drive-through area.
- 6. Woods and Plastics
  - a. Provide wood framing, sheathing and house wrap for office structure.
  - b. Provide attic flooring for the office area, approximately 384sf
  - c. Provide plywood telephone board.
  - d. Provide wood blocking for cabinets, counters and toilet accessories.
  - Provide base and wall cabinets for break rooms and provide reception and ADA restroom counters. All millwork will be plastic laminate with interior melamine finishes.
  - f. Furnish and install twelve (12) pre-hung wood doors for the office area.
  - g. Provide one (1) attic access stairs for the office.
- 7. Insulation/Roofing
  - a. Caulking around joints as required.
  - b. Provide office insulation in walls and ceiling as required by codes.
  - c. Provide 6" roof and wall insulation for the garage.
  - d. Provide 928sf of foundation insulation. 2" rigid board (blue board).
  - e. Provide asphalt shingle roofing for office, including soffit boards with vents, 6" gutters and associated downspouts.
- 8. Doors and Windows
  - a. Furnish and install three (3) overhead doors with electric operators.
  - b. Provide two (2) metal windows for the garage
  - c. Provide aluminum windows for the office and store front doors for the office. This is value \$13,700.00. Vinyl windows would be substantially cheaper, but will not look as nice.
- 9. Finishes
  - a. Provide ½" drywall for the office and garage interior partitions.
  - b. Provide ½" drywall for the office and garage break room and restroom ceilings. Garage restroom might be ACT.
  - c. Paint interior walls, ceilings, trim, doors and exterior door and columns.
  - d. Provide VCT and carpet per Denham-Blythe finish plan. (Behind this scope)
  - e. Provide ceramic floor tile in office restrooms.
- 10. Specialties
  - a. Provide four (4) urinal screens
  - b. Provide one (1) fire extinguisher with a cabinet

DB #P14-013 Todd County Water District New Office and Garage Facility



- c. Provide grab bars and mirrors for the restrooms.
- d. Provide one (1) fire extinguisher in Garage/Shop building.
- 11. Equipment
  - a. Provide InterbankX IBX-3026-ND night depository drop box.
    - i. Combination night depository head accepts deposit envelopes without use of a key and allows key holders to deposit bank bags.
    - ii. Non-grout head with  $\frac{1}{2}$ " high strength housing.
    - iii. Dial Combination lock.
    - iv. Alarm package w/door contact, vibration, and heat sensor installed.
  - b. Provide InterbankX Q-Tran-713SW wide drive-thru window.
    - i. Pre-designed drive thru combination window/drawer/intercom unit. This unit is glazed with Level 1 Bullet Resistant Glazing for security. Transaction drawer with speaker installed in framing.
  - c. This work is worth over \$14,390.00.
- 12. Furnishings No work.
- 13. Special Construction Pre-Engineered Metal Building Garage Only
  - a. Provide one (1) 60'x60'x16' eave building
  - b. Loading of building:
    - i. 2013 KY Building Code
    - ii. 20 psf live load (no tributary load reduction)
    - iii. Ground snow load 15 psf
    - iv. Roof snow load 15 psf
    - v. Seismic category D
    - vi. Wind speed 115 mph
  - c. Standing seam roof
  - d. By-pass girts
  - e. Rod X-bracing
  - f. 26 gauge standard R panel siding panels
  - g. Gutters and downspouts
- 14. Conveying System No work
- 15. Mechanical/Plumbing
  - a. Mechanical
    - i. Office Area System 1:
      - 1. Rooms included: Main Office, Board Room, Break Room, Public Restroom, and Reception Area.



- 3.5 Ton 13 SEER American Standard Split Heat Pump w/15 KW Heater
- 3. Digital Thermostat
- 4. Installation Materials: Drain Line, Safety Drain Pan, Refrigerant Lineset, Control Wiring, and Miscellaneous Materials
- 5. 3.5 Ton Return/Supply Duct System, Ceiling Registers, Ceiling Returns
- 6. (Qty 1) Exhaust Fan Venting
- 7. Labor to Install
- ii. Office Area System 2:
  - 1. Rooms Included: File Map Room, Office 1, Office 2, Hall, Storage, Restrooms
  - 2. 3 Ton 13 SEER American Standard Split Heat Pump w/10 KW Heater
  - 3. Digital Thermostat
  - 4. Installation Materials: Drain Line, Safety Drain Pan, Refrigerant Lineset, Control Wiring, Miscellaneous Materials
  - 5. 3 Ton Return/Supply Duct System, Ceiling Registers, Ceiling Returns
  - 6. (Qty 2) Exhaust Fan Venting
  - 7. Labor to Install
- iii. Maintenance Shop:
  - 1. Break Room/Restroom: 1.5 Ton 13 SEER American Standard Split Heat Pump w/ 5 KW Heater
  - 2. Digital Thermostat
  - 3. Installation Materials: Drain Line, Safety Drain Pan, Refrigerant Lineset, Control Wiring, Miscellaneous Materials
  - 4. 1.5 Ton Return/Supply Duct System, Ceiling Registers, Ceiling Returns
  - 5. Garage: 175,000 BTU Hanging Heater (Propane), Venting, Hanging Materials
  - 6. (Qty 1) Exhaust Fan Venting
  - 7. Labor to Install
- b. Plumbing
  - i. Provide water (Pex) and sanitary lines (PVC) for office and garage.
  - ii. Provide fixtures for office and garage per the drawings.

Office

- 1. Three (3) ADA tank type water closets
- 2. Two (2) wall hung urinals

DB #P14-013 Todd County Water District New Office and Garage Facility



- 3. One (1) mop basin
- 4. One (1) hi-lo drinking fountain
- 5. One (1) two compartment SS sink.
- 6. One (1) 40 gallon electric hot water heater
- 7. Two (2) floor drains
- 8. Two (2) wall hydrants

Garage

- 9. One (1) ADA tank type water closet
- 10. One (1) wall hung urinal
- 11. One (1) mop basin
- 12. One (1) hi-lo drinking fountain
- 13. One (1) two compartment SS sink.
- 14. One (1) 40 gallon electric hot water heater
- 15. One (1) floor drains
- 16. One (1) wall hydrants
- 17. One (1) ice maker box
- 18. One (1) emergency shower and eye wash
- iii. Septic tanks and drain fields (please note: we will have to reduce the amount of gravel parking in order to provide grass over the leach fields).
- iv. Provide drain and oil water separator (this is not included in our base bid) ADD......\$17,800.00

#### 16. Electrical

- i. Paved Parking Lot:
  - a. 5 400 watt metal halide shoe box lights attached to a 20' square pole controlled by time clock and contactor
  - b. 5-24'' diameter concrete pole bases
  - c. Lot conduit and conductors required.
- ii. Electrical Service:
  - a. 1 400 amp self-contained meter base on office building storage room exterior wall
  - b. 1 underground 4" PVC service entrance conduit from meter base to utility installed riser pole (max distance of conduit – 200')
  - c. 1 400 amp 120/240 volt single phase panel with required breakers located in storage room of office building with required conduit and conductors from meter base.
- iii. Telephone / Communications Service
  - a. 1 underground 3" PVC conduit from telephone board to utility riser pole (mas distance of conduit 200')
- iv. OFFICE BUILDING:

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- a. Offices (qty of two, each to have)
  - i. 4 2'x 4' 4-tube lay in fixtures.
  - ii. 1-2 gang switch (dual level lighting)
  - iii. 5 duplex receptacles
  - iv. 2 voice/data rough-in and stub up
- b. File / Map Room
  - i. 4 2'x 4' 4-tube lay in fixtures
  - ii. 1-2 gang switch (dual level lighting)
  - iii. 5 duplex receptacles
  - iv. 1 voice / data rough-in and stub up
- c. Main Office Area
  - i. 12 2'x 4' 4-tube parabolic les lay in fixtures
  - ii. 2-2 gang 3-way switch (dual level lighting)
  - iii. 1 2 gang 4-way switch (dual level lighting)
  - iv. 2 combo exit / emergency fixtures
  - v. 1 twin head emergency fixture
  - vi. 1 exterior emergency egress fixture (rear door)
  - vii. 7 duplex receptacles
  - viii. 5 quad receptacles (double duplex)
  - ix. 8 voice / data rough-in and stub up
- d. Reception Area
  - i.  $4 2' \times 4'$  2-tube lay in fixtures
  - ii. 2-3-way switches
  - iii. 1 combo exit / emergency fixture
  - iv. 4 duplex receptacles
- e. Entry
  - i. 2-2'x 4' 2-tube lay in fixtures
  - ii. 1 light switch
  - iii. 1 combo exit / emergency fixture
  - iv. 1 exterior emergency egress fixture
- f. Hall
  - i.  $4 2' \times 4'$  2-tube lay in fixtures
  - ii. 2-3-way switches
  - iii. 1-twin head emergency fixture
  - iv. 1 combo exit / emergency fixture
  - v. 1 exterior emergency egress fixture
  - vi. 2 duplex receptacles
  - vii. 1 GFI water cooler receptacle
- g. Staff Restrooms (qty of 2, each to have)
  - i.  $1 2' \times 4'$  2-tube lay in fixture
  - ii. 1 vanity wall mount fixture

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- iii. 1 motion sensor wall switch
- iv. 1-GFI receptacle
- v. 1 twin head emergency fixture
- vi. 1 connection to exhaust fan (fan by mechanical contractor)
- h. Public Restroom
  - i.  $1-2' \times 4'$  2-tube lay in fixture
  - ii. 1 light switch
  - iii. 1 GFI receptacle
  - iv. 1 twin head emergency fixture
  - v. 1 connection to exhaust fan )fan by mechanical contractor)
- i. Board room
  - i. 8 2' x 4' 2-tube parabolic lens lay in fixtures
  - ii. 8 6" LED dimmable recess can fixtures
  - iii. 1 light switch
  - iv. 1 dimmer switch
  - v. 1-twin head emergency fixture
  - vi. 7 duplex receptacle
  - vii. 1-2 gang floor box with (1) one duplex receptacle and (1) one outlet opening for voice / data
- j. Break Room
  - i.  $2 2' \times 4'$  2-tube lay in fixtures
  - ii. 1 light switch
  - iii. 1 dedicated duplex receptacle and circuit for refrigerator
  - iv. 2 above counter GFI receptacles
  - v. 1 voice / data rough in and stub up
- k. Storage
  - i. 2-4' 2-tube strip lights
  - ii. 1 motion sensor wall switch
  - iii. 1 twin head emergency fixture
  - iv. 1 duplex receptacle
  - v.  $1 4' \times 4'$  painted telephone board
  - vi. 1 max 30 amp 240 volt circuit and connection to water heater
- I. Drive Through
  - i. 6 PL fluorescent recessed cans controlled by time clock and contractor
- m. HVAC/Hot Water Heaters
  - Four (4) 240 volt circuit and connection for heat pump and emergency heat for two systems in the office and two in the garage
  - ii. Two connections to electric hot water heaters.

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- iii. Connection to exhaust fans in restrooms and garage area
- n. Building Exterior
  - i. 7 150 watt wall pack fixtures
  - ii. 2 wall mount light fixtures at front entry controlled by time clock and contactor
  - iii. 2 wall mount light fixtures at side entry controlled by time clock and contactor
  - iv. 5 WP GFI receptacles
- o. Hot water heater connections
- p. LOT all conduit & conductors required for all above listed office building items.
- v. SHOP BUILDING
  - a. Electric Service
    - i. LOT 125 amp 120/240 volt feeder from panel in office building to a 120 / 240 volt panel in the garage area
  - b. Garage Area
    - i.  $11 2' \times 4' 6$  tube high bay fixtures
    - ii. 2-2 gang 3-way switches
    - iii. 3 twin head emergency fixtures
    - iv. 1 combo exit / emergency fixture
    - v. 1 exterior emergency egress fixture
    - vi. 4 GFI receptacles
    - vii. 1 GFI receptacle for water cooler
    - viii. 2 max 30 amp 240 volt circuit and connection to unit heaters (heaters by mechanical contractor)
    - ix. 1 max 30 amp 240 volt circuit and connection to water heater
  - c. Break Room
    - i.  $4 2' \times 4'$  2-tube lay in fixtures
    - ii. 2-3-way switches
    - iii. 1 combo exit / emergency fixture
    - iv. 1 exterior emergency egress fixture
    - v. 1 dedicated duplex receptacle and circuit for refrigerator
    - vi. 3 duplex receptacles
    - vii. 2 above counter GFI receptacles
    - viii. 1 max 20 amp 240 volt receptacle and circuit for PTAC unit (unit by mechanical contractor)
    - ix. 1 voice / data rough-in and conduit back to main telephone board in office building
  - d. Restroom
    - i.  $1 2' \times 4'$  2-tube lay in fixture



- ii. 1 light switch
- iii. 1 twin head emergency fixture
- iv. 1 GFI receptacle
- v. 1 connection to exhaust fan (fan by mechanical contractor)
- e. Building Exterior
  - i. 7 150 watt wall pack fixtures controlled by a photo cell
- f. Lot all conduit and conductors required for all above listed shop building items

# 17. Engineering

- a. Includes project development, all needed specifications, plans and project support.
- b. Stamped permit and construction drawings.

# Clarifications:

- 1. Earthen spoils to remain on site.
- 2. We exclude builder's risk insurance. We will need a copy of the builder's risk policy for the project to provide to our subcontractors.
- 3. We do not include bonding.
- 4. No rock removal.
- 5. No provisions for unsuitable soils remediation work.
- 6. Our scope excludes any overtime work.
- 7. Allowances exclude builder's overhead and profit.
- 8. The prices are subject to change based on final design and final pricing.
- 9. Prevailing Wages are included .
- 10. Sales Tax is included.
- 11. Quotation is valid for thirty (30) days.
- 12. Geotechnical investigation is not included. We will need this in order to complete the final design of the foundations. A good budget would be \$4,000.00.
- 13. We include a one (1) year warranty.
- 14. No truck lane or encroachment work. The PRECC Daysville turning lane was a value of about \$75,000.00.
- 15. Telephone, Voice/Data system, not in contract (NIC).
- 16. Security system, not in contract (NIC).
- 17. Television/Cabling, not in contract (NIC).

Our design-build proposal is......\$780,300.00 (Seven Hundred Eighty Thousand Three Hundred Dollars and no cents)

DENHAM BLYTHE design/build

Division	Description	Cost
1	General Conditions including, but not limited to supervision, safety, temporary phones, current and final cleanup, trash removal, prints, permit, trailers, etc.	\$98,976.00
2	Site work (gravel, dirt, fence, landscape, seeding)	\$110,268.00
3	Concrete	\$47,837.00
4	Masonry	\$40,139.00
5	Steel Lintels and Canopy Posts	\$3,065.00
6	Woods/Plastics	\$60,312.00
7	Thermal-Moisture Protection (roofing and insulation)	\$31,381.00
8	Doors/Windows	\$27,356.00
9	Finishes – Floors, Paint and Drywall	\$39,360.00
10	Specialties	\$3,328.00
11	Bank Equipment	\$16,315.00
12	Furnishings	\$0.00
13	Special Construction – Pre-Engineered Metal Building	\$82,362.00
14	Conveying Systems	\$0.00
15	Mechanical/Plumbing (HVAC is \$35,200.00)	\$98,854.00
16	Electrical	\$99,517.00
20	Engineering	\$21,230.00
	TOTAL	\$780,300.00



# 8. LABOR PLAN

Denham-Blythe Company has always been very aware of the benefits of utilizing the local labor forces on all of our construction projects regardless if they are located in Kentucky or in any other State. The reduced project cost of minimizing mileage and travel expenses in addition to lower shipping and handling costs can all add up to substantial project savings and reduced Client costs.

DENHAM BLY

For this particular project, we have already solicited dozens of subcontractors and suppliers within Todd County and will be giving preference to those subcontractors that are local to Todd County since they can provide far better service and coverage than other companies located two or more counties away.

Most of the construction materials will also be procured within Todd County to ensure that as much of the construction monies as possible will benefit the local community.

Much of our in-house labor force resides in Todd County or the surrounding communities. In fact, two-thirds of the construction force from our Nashville office (which would be supporting this project) live in Kentucky, and of those Kentucky residents, more than 90% reside within two counties of Todd County.

In addition, both of our management personnel that we propose to assign to this project have Todd County roots. Daril Cardwell, our proposed Superintendent, actually lives in Todd County. Heath Doggett, who has been slated to perform the Project Management duties for this project went to High School in Todd County.