Application *(Page 1 of 4)*

PARTICIPANT INFORMATION

Company Name:

Contact Name:

Address:

City: State: Zip:

Phone:

Email: Website:

CATEGORY ENTRY *(check one category)*

- ☐ Single Family Homes (over 3,000 sq. ft.)
- ☐ Single Family Homes (under 3,000 sq ft.)
- ☐ Multifamily
- ☒ Agricultural
- ☐ Commercial/Industrial/Institutional Buildings under 10,000 sq. ft.
- ☐ Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.
- ☐ Renovations
- ☐ Affordable Housing

PROJECT INFORMATION

Project Name: Steve Carlson

Address: 15999 Hwy. 19 Blvd.

City: Welch State: MN Zip: 55089

Date completed: September 2013

Total cost of project (exclusive of land): $250,000.00

Dimensions of building (all floors of multi-story building): 64' wide x 76' long x 18' high

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space: 4,864 SQ. FT.

BUILT BY *(if different than applicant)*

Company Name: Lodermeier's Inc.

Contact Name: Travis Thomforde Phone: 651-923-4441 office

Address: 103 3rd & Broadway

City: Goodhue, State: MN Zip: 55027

PANELS MANUFACTURED BY *(members only)*

Company Name:

Continued

DESIGNED BY *(if different than applicant – SIPA will only recognize members)*

Company Name:

Contact Name: Phone:

Address:

City: State: Zip:

Please answer each question with as much detail as possible to help in the judging process.

Attach additional sheets if necessary.

Describe the end use of the building: Farm Shop

How did SIP construction help you get this job?

Steve wanted a shop that would be at the "top" when it came to energy performance. Also Steve liked the fact that EPS could laminate .090 FRP to the interior side of the panels. Lastly, EPS delivered A fully engineered building package!

SIP wall thickness and core material:

SIP roof thickness and core material:

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?

By using SIP's on this project we saved labor costs. Steve farms in S.E. Minnesota and with the winters we have the energy efficiency that SIP's offer was a major factor in his decision to use them in his new farm shop!

Describe any innovative design elements or structural engineering involved:

EPS engineers designed the entire west side wall to hold a ledger plate for a mezzanine

Continued

Please list any certifications the project received, such as ENERGY STAR, LEED, National Green Building Standard, or local green building programs. Only list certifications that are completed:

HERS Index (residential projects):

Blower door test results (ACH50) (residential projects):

Energy use intensity in kBtu/ft2 (commercial projects):

Describe the HVAC system used on the project:

LP fired Boiler for in-Floor heat System

Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the R-value of any insulation materials.

14" of Blown fiberglass insulation in Attic (R-Value 42)
2" thick Clopay model 3722 polyurethane insulated overhead door (R-Value 18.4)
Hayfield model 201 polyvinyl insulated windows with Low e Glass (U-Value .29)

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar:

energy Star certified Refrigerator, microwave oven and water heater
high efficiency T-6 flourescent lighting

Were any solar panels installed on the project? If so, indicate the size of the system:

Continued

Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc.:

Any additional comments on the project:

The Winter of 2013-2014 brought S.E. minnesota 50 days with below zero temps. Steve kept the shop at 55-60 degrees from December to March and was pleased with how little propane he used. The SIP's out performed Steve's expectations! A very happy customer!

CHECKLIST

- ☐ My company is a SIPA member. Panels for this project were manufactured by a SIPA member.
- ☐ I have answered ALL the questions completely
- ☐ I have enclosed the two required electronic images of the completed project meeting the requirements stated in the SIPA Building Excellence Awards guidelines
- ☐ I have indicated the HERS Index as determined by a RESNET certified home energy rater (residential projects)

PLEASE CONFIRM: I have read and understand the rules for this competition. This entry is structural insulated panel construction as defined in the SIPA Building Excellence Awards guidelines. I understand by making this submission that my pictures will be used by the Structural Insulated Panel Association (SIPA) to promote the use of structural insulated panels. I hereby give permission to SIPA to use the enclosed pictures for any use they see fit in that endeavor. I understand that where possible, SIPA will give credit for pictures used to my company as listed above.

Signature: Date:

Entries that do not contain all required materials or are received after April 11, 2014 will not be considered

Complete application and submit electronically to chris@schwindcommunications.com

Or send hard copy applications to SIPA office: 1201 Pacific Ave, Suite 600
Tacoma, WA 98402

Structural Insulated Panel Association

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