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PARTICIPANT INFORMATION

Company Name: Innova Eco Building System, LLC.

Contact Name: Jerry Gillman

Address: 3300 NW 110th Street

City: Miami

State: Florida

Zip: 33167

Phone: 305 455 7707

Email: jerry@innovaeps.com

Website: www.innovaeps.com

CATEGORY ENTRY (check one category)

Single Family Homes (over 3,000 sq. ft.)

Commercial/Industrial/Institutional Buildings under 10,000 sq. ft.

Single Family Homes (under 3,000 sq ft.)

Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.

Multifamily

Renovations

Agricultural

Affordable Housing

PROJECT INFORMATION

Project Name: Organic Greenhouse

Address: 1354 Spring View Circle

City: Seymour

State: Tennessee

Zip: 37865

Date completed: 11/2015

Total cost of project (exclusive of land): guesstimate \$20,000

Dimensions of building (all floors of multi-story building):

12' x 16'

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space:

No conditioned space

BUILT BY (if different than applicant)

Company Name: Panelwrights

Contact Name: Al Cobb

Phone: 304 876 0265

Address: 808 French Road

City: Shenandoah Junction

State: WV

Zip: 25442

PANELS MANUFACTURED BY (members only)

Company Name: Innova Eco Building System, LLC.

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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:

Greenhouse for organic vegetables

How did SIP construction help you get this job?

Client wanted to utilize SIP products for the project and contacted SIPA for a list of manufactures. Due to moisture concerns, the client wanted a product that would not mold or rot and choose the MGO SIP over other SIP products.

SIP wall thickness and core material: 4 3/4" MGO SIP with 1# Density EPS core

SIP roof thickness and core material: 6 3/4" OSB / MGO SIP roof panels with 1# Density EPS core

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

The client intends to grow organic vegetables and did not want any wood or materials that off / gassed VOC's. The MGO SIP product was chosen by the client and much of the typical wood members used in SIP was eliminated from the project. MGO floorplates, window and door bucks were used in lieu of wood members. Loose MGO board was provided to wrap the LVL and exposed sub fascia board. The use of MGO SIP saved time and money as the interior MGO panel joints were patched with butter grade elastomeric material, sanded and painted like drywall saving the project owner the time and cost of installing other finishes on the interior panels like drywall or cement board.

Describe any innovative design elements or structural engineering involved:

MGO SIP and MGO / OSB SIP

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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:

The greenhouse has a ventilation system for circulation of air and possible future hydroponic farming uses. As the building is for agriculture uses, it does not have a heating or cooling 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.

Windows are utilized in this design to capture heat from the sun and take full advantage of the greenhouse effect of the insulated structure capturing and holding natural heat transmission thru the windows.

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

Solarstar 's Solotube used to release excess heat captured by the window openings

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

no

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

The MGO Board utilized is a no VOC product. Low VOC paint was incorporated for the interior finishes.

Any additional comments on the project:

This is an innovative project that demonstrates the versatility of SIP products which can be utilized for virtually every type of project. This project utilized stone cladding finishes for the exterior installed on MGO SIP wall panels demonstrating the versatility of SIP. Completed SIP buildings do not look any different than conventionally built buildings. The difference is in the performance.

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: 12/23/15

Entries that do not contain all required materials or are received after March 4, 2016 will not be considered

Complete application and submit electronically to maryjane@sips.org

Or send hard copy applications to SIPA office:
P.O. Box 39848, Fort Lauderdale, FL 33339

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**Structural Insulated
Panel Association**