

MAXWELL ADULT CENTER EXPANSION**CHANGE PROPOSAL
SUMMARY**

TO: Brinkley Sargent Wiginton Architects
5000 Quorum Drive, Suite 600
Dallas, Texas 75254
Stephen Springs
975-960-9970
ssprings@bsw-architects.com

RFP NO. 1-B-R3
Date: January 18, 2018
Project: MAXWELL ADULT CENTER EXPANSION
Contract No. _____
Job No. F-552

A.	Total Material Cost		1,514.00	
B.	Total Labor Cost		0.00	
	Subtotal		<u>1,514.00</u>	
C.	Profit	15%	227.10	
	Subtotal		<u>1,741.10</u>	<u>1,741.10</u>
	Subcontractor Cost			
	iDemo Services, Inc.		<u>7,200.00</u>	
	Applied Finish Systems, LLC		<u>24,645.00</u>	
	GTO Waterproofing		<u>2,721.75</u>	
	GTO Waterproofing		<u>693.00</u>	
	Applied Finish Systems, LLC		<u>6,134.73</u>	
	Subtotal		<u>41,394.48</u>	
E.	Overhead & Profit on	10.00%	<u>4,139.45</u>	
	Subcontractor	Subtotal	<u>45,533.93</u>	<u>45,533.93</u>
F.	Insurance (GC Only)	1%	<u>455.34</u>	
	Subtotal		<u>47,730.37</u>	
	Bond (GC Only)	2.00%	<u>954.61</u>	
G.	Project Record Documents			
H.	Subtotal		<u>48,684.97</u>	
	Margin Tax		<u>0.00</u>	
	Subtotal		<u>48,684.97</u>	

48,684.97

Total of Proposal	<u>\$48,684.97</u>
Time Extension in Days (For This Change)	

Description of Work:

Cost for demolition of existing drywall, furring strips, 1-1/2" Ribbed Insulation and mildew treatment.

Cost for new 1 5/8" metal stud framing, rigid Insulation and drywall.

Cost for water blocker primer vapor barrier.

Cost for caulking existing tilt wall panel joints.

Frost Construction Co., Inc.

Contractor

Signature

Authorized Representative Approval

Date: _____

Date: _____

PROPOSAL REQUEST**BRINKLEY SARGENT WIGINTON ARCHITECTS**

Distribution:	OWNER <input checked="" type="checkbox"/>	ARCHITECT <input checked="" type="checkbox"/>	CONTRACTOR <input checked="" type="checkbox"/>	CONSULTANT <input type="checkbox"/>
PROJECT:	Maxwell Center Expansion 1201 Center Street Deer Park, Texas 77536		PROPOSAL REQUEST NO.:	02
OWNER:	City of Deer Park	DATE:	December 19, 2017	
TO:	Frost Construction Company 19506 Hwy 59 North, Suite 220 Humble, Texas 77338	BSW PROJECT NO.:	21603.02	
CONTRACT FOR:	General Construction	CONTRACT DATE:	October 3, 2017	

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

- Item No. 1. Remove all drywall from perimeter walls of the original tilt-up construction. Remove related insulation and furring strips. Remove all water and termite damaged interior partition assemblies. Remove all mold, mildew & termite paths. Refer to attached field mark-up for extent of work.
- Item No. 2. At current exterior walls (north, west and south) of existing tilt-up construction, provide new/replaced backer rod and sealant on interior side of all tilt-wall panel joints. Then provide new vapor barrier, furring & drywall as shown on reissued sheet A522. This assembly shall be continuous from floor to roof deck. At new steel framing around new window openings, provide ½" drywall reveals where new furring meets steel as shown on Sheets A901 & A522.
- Item No. 3. At eastern tilt-wall construction (along Grid E), provide new furring & drywall similar to Item 2. Vapor barrier and insulation are not required along this grid line. This assembly shall be continuous from floor to 6" above ceiling, or to deck where no ceiling is indicated.
- Item No. 4. Replace damaged interior partitions as described on field mark-up.
- Item No. 5. Expand scope of termite treatment to include soil treatment around the perimeter of the existing structure.

***Note:** Installation of new insulation and drywall shall occur after completion of the new roof.

Attachments: Field markup; Sheets A522 & A901.

ARCHITECT: BRINKLEY SARGENT WIGINTON ARCHITECTS

A Texas Corporation

BY: Stephen Springs, AIA


www.idemoservices.com

281.773.4374

kris@idemoservices.com

12606 Fern Creek Humble, Texas 77346

Attention: Frost Construction

Proposal Valid: 60 Days 12.13.2017

Demolition Project: Maxwell Center

iDemo Services, Inc. is pleased to offer a proposal for demolition for the above Referenced project.

Scope of work:

- Provide Supervision, labor, material, insurance & equipment to complete the demolition scope of work; Demolition of 4830 s.f. perimeter and interior walls, furring strips, rigid insulation, & Mildew Treatment

Exclusions:

- Unforeseen conditions not indicated on demolition plans or specifications
- Layout, finished surface preparation or protection

Note:

- iDemo Services reserves salvage rights to all demolition products, unless otherwise stated/agreed upon

						Total: \$7,200.00	
Acknowledge Addendum's	0					Payment Net 30 Days	

Sincerely,

KRIS FROST

Kris Frost- Project Manager- Estimator- I Demo Services, In



VID #1813014503200



Applied Finish

SYSTEMS, LLC.
DRYWALL BID

DATE: December 18, 2017
TO: Frost
FROM: Juan Palomo
RE: Maxwell Adult Center Expansion

REVISED

PLAN DATE: 06/09/2017

ADDENDA: 1 - 7

INCLUDES:

- (1) Metal stud framing
- (2) Drywall
- (3) Tape and float
- (4) Drywall ceilings and furr downs
- (5) Install HM door frames (*provided by others*) at interior drywall partitions only
- (6) Sound batt insulation at interior drywall partitions
- (7) Lifts and scaffoldings for our work only
- (8) Tile backerboard
- (9) Fire caulking top and bottom only at interior drywall partitions

EXCLUDES:

- (1) All wood and aluminum
- (2) Dumpster
- (3) Bonds
- (4) Material hoisting
- (5) Level 5 finish
- (6) Paint and texture
- (7) All waterproofing, damp-proofing, and flashing
- (8) Vapor barrier, felt, tyvek, and poly
- (9) Taping of sheathing joints
- (10) All thermal and rigid insulation
- (11) All wood blocking and metal backing
- (12) Hang and lock doors (*excludes electrical/panic devices and permanent coring*)
- (13) All patchwork created by other trades / MEP cut and patch
- (14) Night and overtime premium
- (15) Protection of existing surfaces
- (16) Demolition
- (17) Lead board
- (18) Engineering and shop drawings
- (19) Corner guards
- (20) Temporary power
- (21) Temp walls

BASE BID: \$ 55,080.00

- Z-Studs at 16" on Center Where Noted
- Energy Shield Rigid Insulation
- Gyp Board Where Noted

ADD \$ 20,390.00

Because we have not reviewed the contract for the above project, this contract is subject to mutually acceptable terms and conditions and credit approval. Due to fluctuation in steel prices, our bid is good for 30 days only after 30 days it will be subject to increases in steel costs, as well as allocation. All warranties/closeout documentation will be issued once the subcontract is billed 100%, outstanding changes resolved, and payment status is current.

Fw: Maxwell Pricing

Scott Frost [sfrost@frostconstruction.net]

Sent: 12/20/2017 4:34 PM

To: melissac@frostconstruction.net

print this email

Scott Frost

Frost Construction Co., Inc.
19506 Hwy 59 North, Suite 220
Humble, TX 77338
Ph (281)446-6522
Fax (281)446-0552

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From: Juan Palomo
Sent: Wednesday, December 20, 2017 4:20 PM
To: sfrost@frostconstruction.net ; ellen@frostconstruction.net
Subject: FW: Maxwell Pricing

From: Juan Palomo
Sent: Tuesday, December 19, 2017 2:46 PM
To: kramsey@frostconstruction.net
Subject: FW: Maxwell Pricing

Alternate :

1 5/8 Metal Stud 12' – 358 LF
Price: \$ 4,225.00

From: Robert Sawdy
Sent: Tuesday, December 19, 2017 8:54 AM
To: kramsey@frostconstruction.net; sfrost@frostconstruction.net

20,390.00
+ 4,255.00
24,645.00

GTO Waterproofing & Restoration, LLC

5322 Canyon Hollow Dr.
Houston, Texas 77084
(832) 870-4828

January 4, 2018

Quote# 5322-18-01

Attn: Kenny Ramsey
Frost Construction Co., Inc.
19506 Hwy 59 North, Suite 320
Humble, TX 77338
(409) 316-1494

Re: Interior Vapor barrier and sealant the Deer Park Maxwell Center Expansion located in 1201 Center Street Deer Park, TX 77536.

SCOPE OF WORK

To furnish labor, material and insurance for the application of the following materials at the Maxwell Center.

1. **Water Blocking Primer/Finish** order deducting latex vapor barrier to be applied on interior walls.

SUB TOTAL: \$2,721.75

2. **Tremco Dymonic 100 sealant to seal all 13 interior tilt joints.**
3. **Namaco backing rod to reinforce sealant.**

SUB TOTAL: \$693.00

GRAND TOTAL: \$3,414.75

GTO Waterproofing
5322 Canyon Hollow Dr.
Houston, Texas 77084
(832) 870-4828

Applied Finish Systems

Bid Summary

Maxwell Adult Center

Maxwell Adul Center Ribbed Insulation_rev

Bid No. 646

Selected Sections: 07210 Building Insulation

Selected Typical Areas:

Selected Areas: (unassigned)

Estimator: IK - Imran Khan

Job Class:

Wage Type: Open

Job Status: Imran

Bid Date/Time: 12/6/2017 12:00:00 PM

Plans Date: 12/6/2017

07210 Building Insulation

No.	Condition	Height	Quantity	Unit Price			Total Price
				Mat.	Lab.	Total	
1	One and Half Inch Ribbed Insulation		2,732.00 SF	1.71	0.54	2.25 / SF	6,134.73
Material & Labor Total:							6,134.73
07210 Building Insulation Total:							6,134.73
Grand without additional markups Total:							6,134.73
Additional Markups Total:							0.00
Grand Total:							6,134.73



FOAMULAR® 404, 604, 404 RB and 604 RB Extruded Polystyrene (XPS) Rigid Foam Insulation



Description

FOAMULAR® 404 and FOAMULAR® 604 Extruded Polystyrene (XPS) Rigid Foam Insulations are specially designed for use in Protected Roof Membrane Assemblies (PRMA), where the insulation is placed directly over the membrane. The compressive strength of FOAMULAR® XPS Insulation provides the integrity needed for long-term roof performance.

Applications

- FOAMULAR® 404 and 604 XPS Rigid Foam Insulation products protect the roof membrane from physical damage, thermal stress and UV exposure in PRMA systems
- Designed for use directly with pavers, FOAMULAR® 404 RB and 604 RB XPS Rigid Foam Insulation products provide the support necessary for pavers while maintaining the drainage necessary to prevent moisture accumulation at the foam-paver interface

Features

- Excellent long-term stable insulating performance with an R-value¹ of R-5 per inch
- Exceptional moisture resistance, long-term durability
- Lightweight, durable rigid foam panels are easy to handle and install
- Easy to saw, cut or score

1. R means the resistance to heat flow; the higher the R-value, the greater the insulating power.

Technical Information

When FOAMULAR® 404, 604, 404 RB and 604 RB Extruded Polystyrene (XPS) Rigid Foam Insulation are used under dark colored, non-white pavers other than concrete, such as rubber, additional solar heat protection should be considered.

For roofing and other horizontal applications, product should be installed with the printed surface facing downward.

This product is combustible. A protective barrier or thermal barrier is required as specified in the appropriate building code. For additional information, contact Owens Corning World Headquarters at 1-800-GET-PINK®.

All construction should be evaluated for the necessity to provide vapor retarders. See current ASHRAE Handbook of Fundamentals.

FOAMULAR® XPS Insulation can be exposed to the exterior up to 60 days. During that time some degradation or "dusting" of the polystyrene surface may begin. Once covered, the deterioration stops.

FOAMULAR® Extruded Polystyrene (XPS) Insulation is a thermoplastic material with a maximum service temperature of 165°F. For horizontal applications always turn the black print side down. Do not cover FOAMULAR® XPS Insulation either stored (factory wrapped or unwrapped), or partially installed, with dark colored (non-white), or clear (non-opaque) coverings and leave it exposed to the sun. See Owens Corning publication number 10015704, "Heat Build Up Due to Solar Exposure" for more information.

Typical Physical Properties¹

Property	Test Method ²	Value			
		404	404 RB	604	604 RB
Thermal Resistance ¹ , R-Value (180 day minimum, hr·ft ² ·°F/Btu (RSI, °C·m ² /W) @ 75°F (24°C) mean temperature		ASTM C 518			
2" Thickness		10 (1.76)	9.5 (1.67)	10 (1.76)	9.5 (1.67)
2½" Thickness		12.5 (2.20)	—	—	—
3" Thickness		15 (2.64)	14.5 (2.55)	15 (2.64)	14.5 (2.55)
4" Thickness		20 (3.52)	—	—	—
@ 40°F (4.4°C) mean temperature					
2" Thickness		10.8 (1.90)	—	10.8 (1.90)	—
2½" Thickness		13.5 (2.38)	—	—	—
3" Thickness		16.2 (2.85)	—	16.2 (2.85)	—
4" Thickness		21.6 (3.8)	—	—	—
Long Term Thermal Resistance, LTTR-Value ³ minimum, hr·ft ² ·°F/Btu (RSI, °C·m ² /W) @ 75°F (24°C) mean temperature		CAN/ULC S770-03			
2" Thickness		10.6 (1.87)	—	10.6 (1.87)	—
2½" Thickness		13.4 (2.36)	—	—	—
3" Thickness		16.2 (2.85)	—	16.2 (2.85)	—
4" Thickness		22 (3.87)	—	—	—
Compressive Strength ⁴ , minimum psi (kPa)	ASTM D1621	40 (276)		60 (414)	
Flexural Strength ⁵ , minimum psi (kPa)	ASTM C203	115 (793)		140 (965)	
Water Absorption ⁶ , maximum % by volume	ASTM C272		0.05		
Water Vapor Permeance ⁷ , maximum perm (ng/Pa·s·m ²)	ASTM E96		1.1 (63)		
Dimensional Stability, maximum % linear change	ASTM D2126		2.0		
Flame Spread ^{8, 9}	ASTM E84		5		
Smoke Developed ^{8 & 10}	ASTM E84		45-175		
Oxygen Index ⁸ , minimum % by volume	ASTM D2863		24		
Service Temperature, maximum °F (°C)	—		165 (74)		
Linear Coefficient of Thermal Expansion, in/in/°F (m/m/°C)	ASTM E228		3.5 x 10 ⁻⁵ (6.3 x 10 ⁻⁵)		

- Properties shown are representative values for core 1" thick material, unless otherwise specified.
- Modified as required to meet ASTM C578.
- R means the resistance to heat flow; the higher the value, the greater the insulating power. This insulation must be installed properly to get the marked R-value. Follow the manufacturer's instructions carefully. If a manufacturer's fact sheet is not provided with the material shipment, request this and review it carefully. R-values vary depending on many factors including the mean temperature at which the test is conducted, and the age of the sample at the time of testing. Because rigid foam plastic insulation products are not all aged in accordance with the same standards, it is useful to publish comparison R-value data. The R-value for FOAMULAR® XPS Insulation is provided from testing at two mean temperatures, 40°F and 75°F, and from two aging (conditioning) techniques, 180 day real-time aged (as mandated by ASTM C578) and a method of accelerated aging sometimes called "Long Term Thermal Resistance" (LTTR) per CAN/ULC S770-03. The R-value at 180 day real-time age and 75°F mean temperature is commonly used to compare products and is the value printed on the product.
- Values at yield or 10% deflection, whichever occurs first.
- Value at yield or 5%, whichever occurs first.
- Data ranges from 0.00 to value shown due to the level of precision of the test method.
- Water vapor permeance decreases as thickness increases.
- These laboratory tests are not intended to describe the hazards presented by this material under actual fire conditions.
- Data from Underwriters Laboratories Inc.⁴ classified. See Classification Certificate U-197.
- ASTM E84 is thickness-dependent, therefore a range of values is given.

Maximum Design Load Recommendation, PSF

FOAMULAR® XPS Insulation Product	Dead Load	Live Load
404	1,910	1,150
404 RB	1,110	660
604	2,880	1,720
604 RB	1,660	1,000

Product and Packaging Data

Material			Packaging					
Extruded polystyrene closed-cell foam panel with continuous skin on face and back surface			Shipped in poly-wrapped units with individually wrapped or banded bundles					
Thickness (in)	Product Dimensions Thickness (in) x Width (in) x Length (in)	Pallet (Unit) Dimensions (typical) Width (ft) x Length (ft) x Height (ft)	Square feet per Pallet	Board feet per Pallet	Bundles per Pallet	Pieces per Bundle	Pieces per Pallet	Edges
F-404/404 Ribbed F-404/404 Ribbed								
2"	2 x 24 x 96	4 x 8 x 8	1,536	3,072	8	12	96	Rain channeled on all bottom edges and ribbed channels on the top surfaces
2½"	2 5 x 24 x 96	4 x 8 x 8	1,152	2,880	8	9	72	
3"	3 x 24 x 96	4 x 8 x 8	1,024	3,072	8	8	64	
4	4 x 24 x 96	4 x 8 x 8	768	3,072	8	6	48	
Ribbed 2"	2 x 24 x 96	4 x 8 x 8	1,536	3,072	8	12	96	
Ribbed 3"	3 x 24 x 96	4 x 8 x 8	1,536	3,072	8	8	64	
C-604/604 Ribbed								
1½"	1 5 x 24 x 96	4 x 8 x 8	2,048	3,072	8	16	128	Rain channeled on all bottom edges
2"	2 x 24 x 96	4 x 8 x 8	1,536	3,072	8	12	96	
3"	3 x 24 x 96	4 x 8 x 8	1,024	3,072	8	8	64	
Ribbed 1½"	1 5 x 24 x 96	4 x 8 x 8	2,048	3,072	8	16	128	Rain channeled on all bottom edges and ribbed channels on the top surfaces
Ribbed 2"	2 x 24 x 96	4 x 8 x 8	1,536	3,072	8	12	96	
Ribbed 3	3 x 24 x 96	4 x 8 x 8	1,024	3,072	8	8	64	

1. Product availability and lead times vary by region and by product. Consult your local Owens Corning sales representative for availability and lead times.

Standards and Codes Compliance

- Meets ASTM C578 Type VI (404 and 404 RB) and Type VII (604 and 604 RB)
- UL Classification Certificate U-19712
- Code Evaluation Report UL ER8811-0112
- ASTM E119 Fire Resistance Rated Wall Assemblies¹²
- Meets California Quality Standards; HUD UM #71a
- Compliance verification by RADCO (AA-650)

¹² Visit www.owenscorning.com for more details.

Limited Warranty

FOAMULAR® XPS Insulation limited lifetime warranty maintains 90% of its R-value for the lifetime of the building and covers all ASTM C578 properties. See actual warranty for complete details, limitations and requirements at www.owenscorning.com.

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high-quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at www.owenscorning.com.

Notes

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

Certifications and Sustainable Features

- Certified by SCS Global Services to contain a minimum of 20% recycled content pre-consumer
- GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg
- Environmental Product Declaration (EPD) has been certified by UL Environment
- Utilizing FOAMULAR® XPS insulation can help builders achieve green building certifications including the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) certification



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SCS Global Services provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit www.SCSglobal.com.

LEED® is a registered trademark of the U.S. Green Building Council.



OWENS CORNING FOAM INSULATION, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO, USA 43659

1-800-GET-PINK®
www.owenscorning.com

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