

Date: June 4th, 2012 To: (Owner) The Kentucky Educational Development Corporation

Project Title: PV-SURS-2012

City, County: Ashland, KY - Boyd County

Name of Contractor/Supplier: Urethane of Kentuckiana, Inc., dba., Insulared Roofing Contractors

Mailing Address: 326 Mt. Tabor Rd., New Albany, IN 47150

Business Address: Same Telephone: (812) 206-7700

Having carefully examined the Instructions to Bidders, Contract Agreement, General Conditions, Supplemental Conditions, Specifications, and Drawings, on the above referenced project, the undersigned bidder proposes to furnish all labor, materials, equipment, tools, supplies, and temporary devices required to complete the work in accordance with the contract documents and any addenda listed below for the price stated herein.

Addendum 1 (Insert the addendum numbers received or the word "none" if no addendum received.)

BASE BID

See Unit Pricing for Construction of Foam Roofs pp. 26-46.

For the construction required to complete the work, in accordance with the contract documents, I/We submit the following lump sum price of:

_____ Dollars & _____ Cents
Use Figures Use Words

ALTERNATE BIDS (If applicable and denoted in the Supplemental Conditions)

For omission from or addition to those items, services, or construction specified in the Supplemental Conditions by alternate number, the following lump sum price will be added or deducted from the base bid:

Alternate Bid No. 1	(Add/Deduct)	\$ <u>n/a</u>
Alternate Bid No. 2	(Add/Deduct)	\$ <u>n/a</u>
Alternate Bid No. 3	(Add/Deduct)	\$ <u>n/a</u>
Alternate Bid No. 4	(Add/Deduct)	\$ <u>n/a</u>

UNIT PRICES

See Unit Pricing for Construction of Foam Roofs pp. 26-46.

Indicate on the lines below those unit prices to determine any adjustment to the contract price due to changes in work or extra work performed under this contract. The unit prices shall include the furnishing of all labor and materials, cost of all items, and overhead and profit for the Contractor, as well as any subcontractor involved. These unit prices shall be listed in units of work.

WORK	PRICE	UNIT
1. _____	\$ _____	/ _____
2. _____	\$ _____	/ _____
3. _____	\$ _____	/ _____
4. _____	\$ _____	/ _____
5. _____	\$ _____	/ _____
6. _____	\$ _____	/ _____
7. _____	\$ _____	/ _____
8. _____	\$ _____	/ _____
9. _____	\$ _____	/ _____
10. _____	\$ _____	/ _____

(Provide attachment for additional unit prices)

NOTE: The bidder shall submit the above list of unit prices with the bid.

LIST OF PROPOSED SUBCONTRACTORS

List on the lines below each major branch of work and major material category for this project and the subcontractor or supplier involved with that portion of work. If the branch of work is to be done by the Contractor, so indicate.

The listing of more than one subcontractor in a work category shall invalidate the bid.

The listing of the bidder as the subcontractor for a work category certifies that the bidder has in current employment, skilled staff and necessary equipment to complete that category. The architect/engineer will evaluate the ability of all listed subcontractors to complete the work and notify the owner. Listing of the bidder as the subcontractor may invalidate the bid should the architect's review indicate bidder does not have skilled staff and equipment to complete the work category at the time the bid was submitted.

BRANCH OF WORK/MATERIAL CATEGORY	SUBCONTRACTOR/SUPPLIER
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
9. _____	_____
10. _____	_____

(Provide attachment for additional work/material - subcontractor/supplier)

NOTE: The bidder shall submit the above list of subcontractors with the bid.

LIST OF MATERIALS/MANUFACTURERS

MATERIAL DESCRIPTION BY SPECIFICATION
DIVISION AND CATEGORY

MANUFACTURER

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____

(Provide attachment for additional material/manufacturers.)

NOTE: The bidder shall submit the above list of materials with the bid.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

In the event that a bidder's proposal is accepted by the Owner and such bidder should fail to execute the contract within ten (10) consecutive days from the date of notification of the awarding of the contract, the Owner, at his option, may determine that the awardee has abandoned the contract. The bidder's proposal shall then become null and void, and the bid bond or certified check which accompanied it shall be forfeited to and become the property of the Owner as liquidated damages for failure to execute the contract.

The bidder hereby agrees that failure to submit herein above all required information and/or prices can cause disqualification of this proposal.

Submitted by:

NAME OF CONTRACTOR: Urethane of Kentuckiana, Inc., dba., Insulated Roofing Contractors

AUTHORIZED REPRESENTATIVE: *Wayne Hampton*
Signature

NAME (typed): Wayne Hampton

TITLE: V.P. Regional Sales

NOTICE: A bid bond or certified check or cash must accompany this proposal.

This form shall not be modified. Attach supplemental form of proposal information pages for project specific requirements as needed.

UNIT PRICING FOR CONSTRUCTION OF FOAM ROOFS

BASIC FOAM ROOF SYSTEMS

20 Year Manufacturer's Warranty

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
1	Roof System UL Class A	20 Year Manufacturers	1-1/2 Inches (+1/4" - 0") 2.7 pcf density	Apply 2.0 gallons per 100 sf of Manufacturers Coating in one application for a finished average thickness of 15 dry mils	Apply 1.5 gallons per 100 sf of Manufactures Coating in one application for a finished average thickness of 10 dry mils	Broadcast 35 - 45lbs per 100 sf of granules into wet top coating.	Coating at any point to be an average thickness of 25 dry mils.	Primarily for new and replacement roof systems. Can be applied over a properly prepared existing dry roof system.	>10,000 s.f. <25,000 sf	Square Foot	100	\$535.00
2	Roof System UL Class A	20 Year Manufacturers	1-1/2 Inches (+1/4" - 0") 3 pcf density K-factor 0.14-0.16	Apply 2.0 gallons per 100 sf of Manufacturers Coating in one application for a finished average thickness of 15 dry mils	Apply 1.5 gallons per 100 sf of Manufactures Coating in one application for a finished average thickness of 10 dry mils	Broadcast 35 - 45lbs per 100 sf of granules into wet top coating.	Coating at any point to be an average thickness of 25 dry mils.	Primarily for new and replacement roof systems. Can be applied over a properly prepared existing dry roof system. Refer to Roofing Standard.	>25,000 s.f. <50,000 sf	Square Foot	100	\$515.00
3	Roof System UL Class A	20 Year Manufacturers	1-1/2 Inches (+1/4" - 0") 3 pcf density K-factor 0.14-0.16	Apply 2.0 gallons per 100 sf of Manufacturers Coating in one application for a finished average thickness of 15 dry mils	Apply 1.5 gallons per 100 sf of Manufactures Coating in one application for a finished average thickness of 10 dry mils	Broadcast 35 - 45lbs per 100 sf of granules into wet top coating.	Coating at any point to be an average thickness of 25 dry mils.	Primarily for new and replacement roof systems. Can be applied over a properly prepared existing dry roof system. Refer to Roofing Standard.	>50,000 s.f. <75,000 sf	Square Foot	100	\$495.00

4	Roof System UL Class A	20 Year Manufacturers	1-1/2 inches (+1/4" - 0") 3pcf density K-factor 0.14-0.16	Apply 2.0 gallons per 100 sf of Manufacturers Coating in one application for a finished average thickness of 15 dry mils	Apply 1.5 gallons per 100 sf of Manufactures Coating in one application for a finished average thickness of 10 dry mils	Broadcast 35 - 45lbs per 100 sf of granules into wet top coating.	Coating at any point to be an average thickness of 25 dry mils.	Primarily for new and replacement roof systems. Can be applied over a properly prepared existing dry roof system. Refer to Roofing Standard.	>75,000 s.f. <	Square Foot	100	\$475.00
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LABOR AND MATERIALS ADDERS FOR FOAM ROOF SYSTEMS

Additional Uniformly Applied Foam (When Specified or Required)

The basic foam roof systems, defined elsewhere in this unit price contract, lists the minimum foam thicknesses required for each system. Occasionally there will be a requirement or need for additional thicknesses of foam for a roof system. This item provides for pricing the additional foam required.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
5	Each additional ½ inch of applied foam		Minimum 1/2 inch (+1/4" - 0") per sq					Apply uniformly	<25,000 sf	Square Foot	100	\$80.00
6	Each additional ½ inch of applied foam		Minimum 1/2 inch (+1/4" - 0") per sq					Apply uniformly	>25,000 sf	Square Foot	100	\$80.00
SUBTOTAL												

Additional Non-tapered Insulation (When Specified or Required)

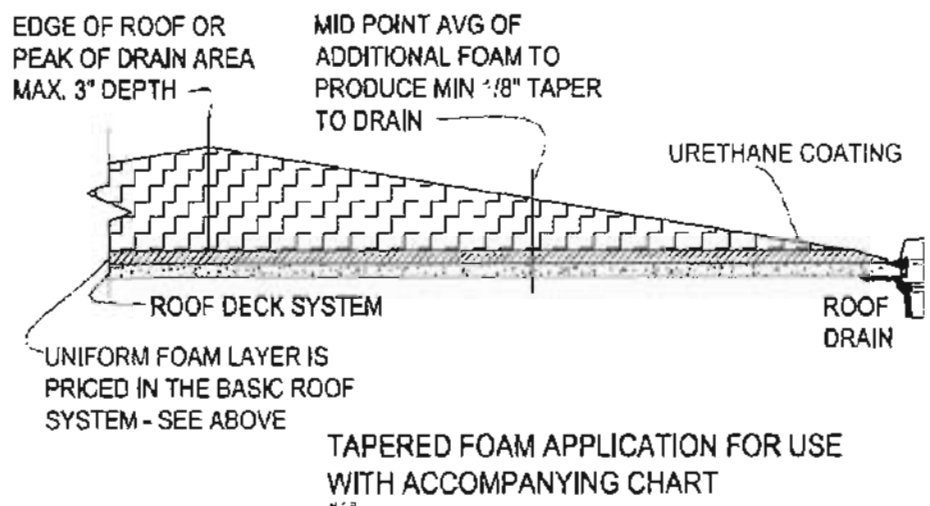
The basic foam roof systems, defined elsewhere in this unit price contract, lists the minimum foam thicknesses required for each system. Occasionally there will be a requirement or need for additional thicknesses of non-foamed-in-place insulation for a roof system. This item provides for pricing the additional insulation required.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
7	Each additional 1-½ inch of Isoboard non-tapered							Mechanically attached	<25,000 sf	Square Foot	100	\$128.00
8	Each additional 1-½ inch of Isoboard non-tapered							Mechanically attached	>25,000 sf	Square Foot	100	\$120.00
9	Each additional 1-½ inch of Expanded Polystyrene insulation non-tapered							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	<25,000 sf	Square Foot	100	\$154.00
10	Each additional 1-½ inch of Expanded Polystyrene insulation non-tapered							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	>25,000 sf	Square Foot	100	\$144.00
SUBTOTAL												

Tapered Foam Adder - When Required for positive flow to drains or scuppers

On roofs with flat decks or minimal slope, where additional foam is chosen to produce taper and therefore positive flow to drains and/or scuppers, the maximum thickness at the highest ridge, wall, parapet, and/or expansion joint will be 3 inches. A thickness of 4 inches may be used but only after agreement has been reached between the Owner and the Contractor.

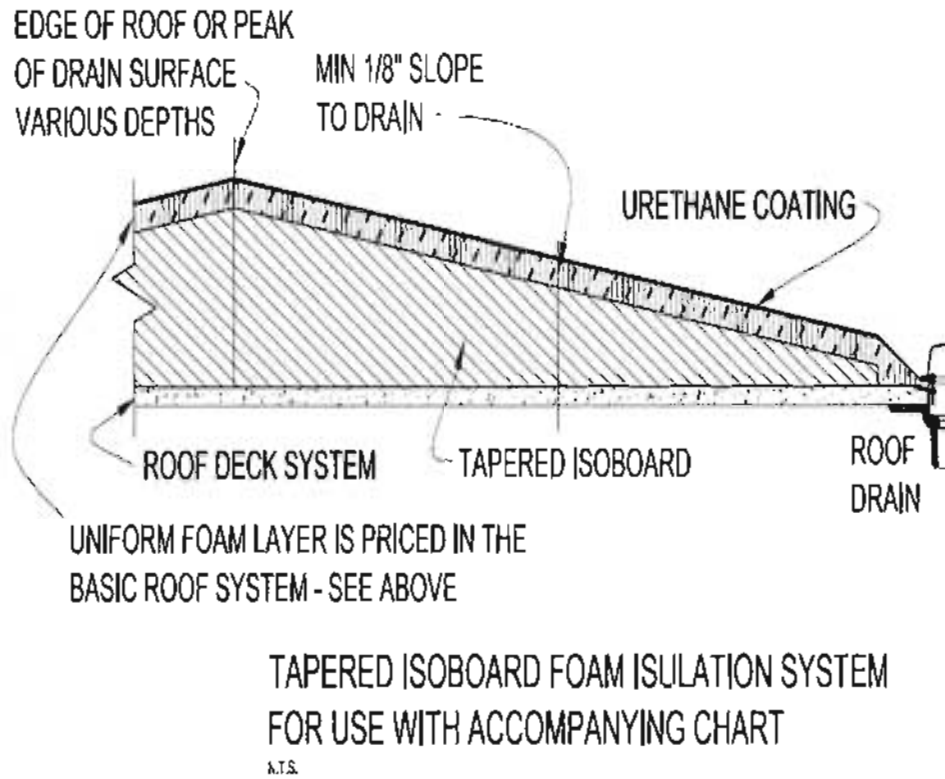
Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
11	Maximum thickness 2 inches and Average thickness 1 inches							K = 0.15 BTU/hr ft ² oF/in.	32' x 32' with average 2.0 thickness	Square Foot	100	\$241.00
12	Maximum thickness 3 inches and Average thickness 1.5 inches							K = 0.15 BTU/hr ft ² oF/in.	32' x 32' with average 2.0 thickness	Square Foot	100	\$321.00
13	Maximum thickness 4 inches and Average thickness 2 inches (only with Owner/Contractor agreement)							K = 0.15 BTU/hr ft ² oF/in.	32' x 32' with average 2.0 thickness	Square Foot	100	\$481.00
										SUBTOTAL		



Tapered Insulation Adder - When Required and Specified for Positive Flow to Drains or Scuppers

On roofs with flat decks or minimal slope, where foam thickness required to produce taper would exceed 3 inches at the highest ridge, wall, parapet, and/or expansion joint, when specified a tapered insulation system shall be used. The two systems listed are for Isoboard (to be mechanically fastened) and Expanded Polystyrene (EP) tapered insulation (to be fully adhered). The Owner will specify which system is to be used.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
14	Isoboard - Maximum thickness 9 inches and Average thickness 4.5 inches							Isoboard shall be mechanically attached	72' x 72' with average 4.5 thickness	Square Foot	100	\$524.00
15	Isoboard - Maximum thickness 8 inches and Average thickness 4 inches							Isoboard shall be mechanically attached	64' x 64' with average 4.0 thickness	Square Foot	100	\$488.00
16	Isoboard - Maximum thickness 7 inches and Average thickness 3.5 inches							Isoboard shall be mechanically attached	56' x 56' with average 3.5 thickness	Square Foot	100	\$459.00
17	Isoboard - Maximum thickness 6 inches and Average thickness 3 inches							Isoboard shall be mechanically attached	48' x 48' with average 3.0 thickness	Square Foot	100	\$428.00
18	Isoboard - Maximum thickness 5 inches and Average thickness 2.5 inches							Isoboard shall be mechanically attached	40' x 40' with average 2.5 thickness	Square Foot	100	\$381.00



19	Isoboard - Maximum thickness 4 inches and Average thickness 2 inches							Isoboard shall be mechanically attached	32' x 32' with average 2.0 thickness	Square Foot	100	\$382.00
SUBTOTAL												

Tapered Insulation Adder - When Required and Specified for Positive Flow to Drains or Scuppers

On roofs with flat decks or minimal slope, where foam thickness required to produce taper would exceed 3 inches at the highest ridge, wall, parapet, and/or expansion joint, when specified a tapered insulation system shall be used. The two systems listed are for Isoboard (to be mechanically fastened) and Expanded Polystyrene (EP) tapered insulation (to be fully adhered). The Owner will specify which system is to be used.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
20	Expanded Polystyrene - Maximum thickness 9 inches and Average thickness 4.5 inches							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	72' x 72' with average 4.5 thickness	Square Foot	100	\$327.00
21	Expanded Polystyrene - Maximum thickness 8 inches and Average thickness 4 inches							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	64' x 64' with average 4.0 thickness	Square Foot	100	\$297.00
22	Expanded Polystyrene - Maximum thickness 7 inches and Average thickness 3.5 inches							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	56' x 56' with average 3.5 thickness	Square Foot	100	\$273.00

**CONSTRUCTION DETAIL FOR EXPANDED POLYSTYRENE IS SIMILAR TO ISOBOARD
DETAIL ABOVE**

23	Expanded Polystyrene - Maximum thickness 6 inches and Average thickness 3 inches	CONSTRUCTION DETAIL FOR <u>EXPANDED POLYSTYRENE</u> IS SIMILAR TO ISOBOARD DETAIL ABOVE	EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	48' x 48' with average 3.0 thickness	Square Foot	100	\$250.00
24	Expanded Polystyrene - Maximum thickness 5 inches and Average thickness 2.5 inches		EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	40' x 40' with average 2.5 thickness	Square Foot	100	\$231.00
25	Expanded Polystyrene - Maximum thickness 4 inches and Average thickness 2 inches		EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	32' x 32' with average 2.0 thickness	Square Foot	100	\$210.00
					SUBTOTAL		

Silicone Roof Coating Only - Contractor Supplied - Spray or Roll

Coatings to be applied to existing roofs for warranty upgrades or on roofs requested by the Owner.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
26	Apply Bayblock base coating to Owner cleaned surface	One year labor and material by Contract or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one applications for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	<25,000 sf	Square Foot	100	\$160.00
27	Apply Bayblock base coating to Owner cleaned surface	One year labor and material by Contract or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one applications for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	>25,000 sf	Square Foot	100	152.00
28	Apply Bayblock top coating to Owner cleaned surface	One year labor and material by Contract or		Apply 1 gallon per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 7 dry mils				Apply to Clean Surface. Cleaning by Owner.	<25,000 sf	Square Foot	100	\$96.00
29	Apply Bayblock top coating to Owner cleaned surface	One year labor and material by Contract or		Apply 1 gallon per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	>25,000 sf	Square Foot	100	\$90.00

30	Apply Bayblock base coating to contractor cleaned surface	One year labor and material by Contractor or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 26 dry mils	→14			Contractor to clean surface	<25,000 sf	Square Foot	100	\$177.00
31	Apply Bayblock base coating to contractor cleaned surface	One year labor and material by Contractor or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 14 dry mils				Contractor to clean surface	>25,000 sf	Square Foot	100	\$168.00
32	Apply Bayblock top coating to contractor cleaned surface	One year labor and material by Contractor or		Apply 1 gallon per 100 sf of BSNA 3400 Series 70611 Coating in one application for a finished average thickness of 14 dry mils				Contractor to clean surface	<25,000 sf	Square Foot	100	\$133.00
33	Apply Bayblock top coating to contractor cleaned surface	One year labor and material by Contractor or		Apply 1 gallon per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 14 dry mils				Contractor to clean surface	>25,000 sf	Square Foot	100	\$106.00
34	Apply Bayblock base coating to Owner cleaned surface	One year labor and material by Contractor or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	<25,000 sf	Square Foot	100	\$160.00

35	Apply Bayblock base coating to Owner cleaned surface	One year labor and material by Contract or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one applications for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	>25,000 sf	Square Foot	100	\$152.00
36	Apply Bayblock top coating to Owner cleaned surface	One year labor and material by Contract or		Apply 1 gallon per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 7 dry mils				Apply to Clean Surface. Cleaning by Owner.	<25,000 sf	Square Foot	100	\$96.00
											SUBTOTAL	

Granule Application - For Applications Not Included in Basic Roof Systems.

Granules application information is included in the basic roof systems above. This line item is for granule application at the Owner's request.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
37	Apply and encapsulate granules on roof surface	One year labor and material by Contractor				Apply 3/4 gallon per 100 sf of BSNA 3400 Series in one application for a finished average thickness to yield 5 dry mils. Broadcast 30 - 35lbs per 100 sf of granules into wet coating. When dry, remove excess granules and fully encapsulate with BSNA top coat at a minimum rate of 1 gallon per 100 sf.			<25,000 sf	Square Foot	100	\$195.00
38	Apply and encapsulate granules on roof surface	One year labor and material by Contractor				Apply 3/4 gallon per 100 sf of BSNA 3400 Series in one application for a finished average thickness to yield 5 dry mils. Broadcast 30 - 35lbs per 100 sf of granules into wet coating. When dry, remove excess granules and fully encapsulate with BSNA top coat at a minimum rate of 1 gallon per 100 sf.			>25,000 sf	Square Foot	100	\$182.00
SUBTOTAL												

Remove Existing Roof System

Old roof removal is not included in the basic roof costs above. The Contractor must add old roof and ballast removal from the following items.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
39	Remove asbestos (ACM) roof system with or without gravel							Remove and dispose	Lot	Square Foot	100	\$300.00
40	Remove asbestos (ACM) roof flashing only							Remove and dispose	Lot	Square Foot	100	\$500.00
41	Remove EPDM/Single Ply roof system w/o ballast							Remove and dispose	Lot	Square Foot	100	\$75.00
42	Remove EPDM/Single Ply roof system w/stone ballast							Remove and dispose	Lot	Square Foot	100	\$125.00
43	Remove non-ACM BUR roof system with or without ballast							Remove and dispose	Lot	Square Foot	100	\$150.00
44	Vacuum/remove and dispose of ballast from existing membrane							Remove and dispose	Lot	Square Foot	100	\$60.00
45	Remove and dispose of abandoned roof top appurtenances (unused fans, etc.)							Remove and dispose	Lot	Each	1	\$500.00
SUBTOTAL												

Miscellaneous Items

To complete the project quote, the Contractor is to choose from the following items as required by the roof drawings and specification for a specific project.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
46	Install steel plate over exposed roof deck penetrations							At location where fans are removed, etc. All sizes.		Each	1	\$250.00
47	Caulking ½" Bead; install only	5 year labor and material by Contractor						Urethane Caulk		Linear Foot	1000	\$5,000.00
48	Caulking ½" Bead; remove old and install new	5 year labor and material by Contractor						Urethane Caulk		Linear Foot	1000	\$7,500.00
49	Install foamed-in-place walkway and platform supports supplied by Owner (walkways and platforms by others)							Details attached		Each	1 ↑ 50	\$2,500.00
50	Construct 4' wood walkway including Contractor supplied foamed-in-place supports	One year labor and material by Contractor						Details attached; construct w/ treated lumber		Linear Foot	100	\$6,000.00

51	Construct wooden platform including Contractor supplied supports at Owner designated locations	One year labor and material by Contractor						Details attached; construct w/ treated lumber		Each	1	\$2,500.00
52	Install precast concrete pads at Owner designated locations							Details attached - finished elevation must be higher than the foam		Each	1	\$100.00
53	Install approved OSHA type ladder up to 17 feet in height (safety cage not required)	One year labor and material by Contractor						Includes top platform and safety rails		Each	1	\$3,400.00
54	Install OSHA type ladder up to 25 feet	One year labor and material by Contractor						Install up to 25 feet; includes cage above 17 feet and top platform with safety rails		Each	1	\$5,000.00
55	Install OSHA type ladder up to 25 feet above bottom 25 feet section	One year labor and material by Contractor						Install above 25 feet; includes full safety cage and top platform with safety rails		Each	1	\$5,000.00
56	Steel Roof Drain Covers									Each	10	\$750.00
57	Lower existing drain to deck							When required only		Each	1	\$250.00

45	Install metal covers to waterproof under existing roof top equipment setting on open curbs							This requirement is for low equipment curbs where proper application of foam and coating under the equipment is restricted		Each	1	\$400.00
46	Installation of mechanically fastened 5/8-inch gypsum board on metal deck							Applied to metal decks; for use under foam or vapor barrier		Square Foot	100	\$85.00
47	Installation of mechanically fastened 1/2-inch fiberboard							Asphalt coated 6 sides - Applied over existing roof systems		Square Foot	100	\$81.00
48	Installation of mechanically fastened 1/2-inch DensDeck							Applied over existing roof systems or to metal decks; for use under foam or vapor barriers		Square Foot	100	\$136.00
49	Install self-adhering vapor barrier							Kwik-Ply 30 mil self-adhering membrane by Hyload, Inc. applied to underlayment board attached to metal deck.		Square Foot	100	\$350.00
50	Furnish and Apply asphaltic primer when required (Tremco QD or Mulehide)							Apply primer Hyload vapor barrier when required for bonding		Square Foot	100	\$100.00

51	Foam and coat around Owner installed rooftop equipment	One year labor and material by Contractor	Foam shall be applied to form proper drainage and not appear as a patch	Apply 2 gallons per 100 sf of BSNA 3400 Series 70620 Coating in one application for a finished average thickness of 26 dry mils							Each	1	\$500.00
SUBTOTAL													

Gutters - Associated with Foam Roof Projects Only

The following are for those roofs on which a gutter requirement is specified. The price includes new installation as well as removal and replacement.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
52	24 gauge Steel 6" Box Gutters & 3.5" x 4" 24 gauge steel Downspouts							Installed		Linear Foot	100	\$2,377.00
53	6" K Copper gutters & 3.5" x 4" copper corrugated Downspouts							Installed		Linear Foot	100	\$3,187.00
SUBTOTAL												

Coping, Flashing, and Foam Stops - Associated with Foam Roof Projects Only

The following are for those roofs on which coping, flashing, and/or foam stops are specified. Price includes new installation as well as removal and replacement. Counterflashing, whether it be metal, foam or coatings installed on existing walls, shall not be installed above existing through-wall flashing or existing regelets unless approved by the Owner.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
54	22 gauge Galvanized Coping Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,252.00
55	0.040 Aluminum Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,789.00
56	20 oz. Copper Coping Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$5,155.00
57	16 oz. Copper Coping Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$4,426.00
58	22 gauge Stainless Steel Coping Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$3,454.00
59	0.040 gauge Aluminum Counter Flashing	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,310.00
60	20 oz. Copper Counter flashing	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,444.00
61	16 oz. Copper Counter Flashing	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,201.00

62	22 gauge Stainless Steel Counter Flashing	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,779.00
63	24 Gauge Galvanized foam stops	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,123.00
64	0.040 Aluminum Foam Stops	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,374.00
65	16 oz. copper foam stops	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,727.00
66	24 gauge Stainless Steel foam stops	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,091.00
SUBTOTAL												

Roof Hatches - Associated with Foam Roof Projects Only

The following are for those roofs on which roof hatches are specified.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
67	3' x 3' Roof Hatch; hinged, counterbalanced and locking	Manufacturer warranty period and Contractor Labor						Installed		Each	1	\$1,800.00
68	3' x 5' Roof Hatch; hinged, counterbalanced and locking	Manufacturer warranty period and Contractor Labor						Installed		Each	1	\$2,100.00
SUBTOTAL												

Site and Setup Items

The Contractor is to add items from the following list of items as required by the specification and drawings for a specific roof project. Requires Owner agreement and approval.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
69	Setup costs above 3 stories									Per Project	1	\$2,400.00
70	Cost to mask/cover air intake - under 200 sf									Each	1	\$200.00
71	Cost to mask/cover air intake - over 200 sf									Each	1	\$500.00
72	Use of Wind Screen on rooftop to prevent overspray									Per Project	1	\$500.00
73	Building Masking to prevent overspray									Per Project	1	\$1,500.00
74	Staging area protection and return to original condition									Per Project	1	\$1,500.00
SUBTOTAL												

Labor Adders for Foam Roof Projects

The following items are for contractor incurred costs created by or requested by the Owner.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
75	Additional cost for compulsory work-time outside normal hours									Man Hour	1	\$65.00
76	Addition cost for unforeseen work operations not associated with the roof but which must be handled by the Contractor to complete the project							Items to be agreed upon and approved by the Purchasing Division		Man Hour	1	\$65.00
77	One-time charge per day for minor work items requested by the Owner: Example - foam and coat around a newly installed roof-top unit.		Includes required foam	Includes required coating and granules				Items to be agreed upon and approved by the Purchasing Division		Per Hour	1	\$65.00
78	Adder for construction of less than 500 square feet of foam roof of any basic roof system		Foam thickness to match that of the required basic roof system being constructed					Tapered foam not included		Square Foot	100	\$900.00
SUBTOTAL												

This is to certify that

Insulated Roofing Contractors

326 Mt. Tabor Road

New Albany, IN 47150

is a

**Team Q Approved Applicator
Roofing Program**

of

BASF CORPORATION

For the period:

January 1, 2012 - December 31, 2012

 **BASF**
The Chemical Company



BASF Corporation





Bayer Material Science

Bayer Material Science LLC
2400 Spring Stuebner Road
Spring, TX 77389

Phone: 281-850-9000

January 1, 2012

To Whom It May Concern:

This letter will certify that the contractor listed below ("Contractor") is a Qualified Professional in the Bayer Material Science, LLC ("BMS") Roof Warranty Program and is approved to apply BMS roof products.

Insulated Roofing Contractors
326 Mt. Tabor Road
New Albany, IN 47150

This approval letter supersedes all previous communication verbal or written regarding BMS and Contractor. This letter shall be in effect for one year from the date of this letter unless cancelled prior to that date by written notification to Contractor at the address shown below.

Contractor is an independent contractor, and is not in a partnership relationship, pooling agreement, association, principal and agent relationship, or an employer and employee relationship. Application of materials supplied by BMS is under the control of Contractor. This approval letter does not bind BMS to any warrantable obligation of any kind not specifically contained in a warranty supplied by BMS on any specific project.

If we may be of further service, please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink that reads "Bob Creighton".

Bob Creighton
Marketing Manager, Contractor and Warranty Programs