BEFORE THE METRO CONTRACT REVIEW BOARD

RESOLUTION OF METRO COUNCIL, ACTING AS THE METRO CONTRACT REVIEW BOARD, FOR THE PURPOSE OF APPROVING A PUBLIC IMPROVEMENT CONTRACT AMENDMENT FOR REPAIRS TO THE ST. JOHNS LANDFILL BRIDGE	RESOLUTION NO. 09-4048 Introduced by Chief Operating Officer Michael J. Jordan, with the concurrence of Council President David Bragdon

WHEREAS, on January 29, 2009, Metro completed an open and competitive bidding process and awarded a public improvement contract for repairs to the St. Johns Landfill Bridge to Mowat Construction Company in the amount of $43,000; and

WHEREAS, on March 20, 2009, Mowat Construction Company began work and is conducting repairs to the St. Johns Landfill Bridge in accordance with project specifications and schedules under the direction of the Parks and Environmental Services Construction Coordinator; and

WHEREAS, the Parks and Environmental Services Construction Coordinator has determined that additional repair work is required to seal the bridge deck and replace missing pipe insulation, and has also determined that such work can be performed expeditiously while the contractor is on site, thereby obviating the need for an additional later procurement; and

WHEREAS, the Parks & Environmental Services Construction Coordinator and the consulting architect for the projects have reviewed the proposed public improvement contract amendment, and deem that the work set forth therein is necessary and reasonably priced; and

WHEREAS, the work for which provision is made in the public improvement contract amendment is directly related to the scope of work that was described in the competitive process utilized to award the original contract; and

WHEREAS, the cost of the additional required repair work is $34,806.22 and that such costs can be paid from existing project contingency funds; and

WHEREAS, Metro Code 2.04.058 requires Council approval for public improvement contract amendments that exceed $25,000; and

WHEREAS, the Metro Procurement Officer believes that amending the existing public improvement contract with Mowat Construction Company is appropriate and in the best interests of Metro, and the Metro Chief Operating Officer recommends the approval of the public improvement contract amendment; now therefore

BE IT RESOLVED that the Metro Council, acting as the Metro Contract Review Board, authorizes the Metro Chief Operating Officer to execute a public improvement contract amendment with Mowat Construction Company for additional repairs to the St. Johns Landfill Bridge in a form substantially similar to that attached hereto as Exhibit No. 1.

ADOPTED by the Metro Council this 16 day of April 2009.

David Bragdon, Council President

Approved as to Form:

Daniel B. Cooper, Metro Attorney

PH:gbc:MDF
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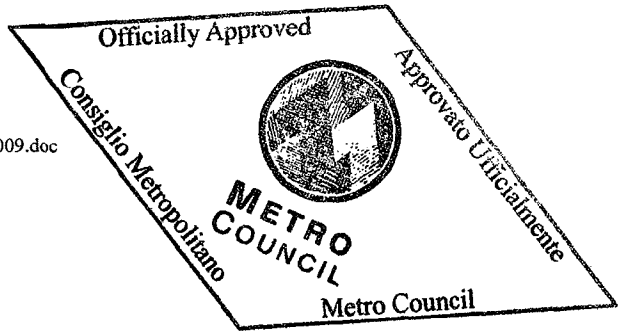

STAFF REPORT

IN CONSIDERATION OF RESOLUTION NO. 09-4048, OF THE METRO COUNCIL, ACTING AS THE METRO CONTRACT REVEIW BOARD, FOR THE PURPOSE OF APPROVING A CONTRACT AMENDMENT FOR THE REPAIR OF THE ST. JOHNS LANDFILL BRIDGE.

Date: March 19, 2009

Prepared by: Pete Hillmann, 503-797-1696
Darin Matthews, 503-797-1626

BACKGROUND

An open, competitive Request for Bid (RFB) was issued for repairs to the St. Johns Landfill Bridge on December 29, 2009. In accordance with Metro Code, the lowest responsible bidder, Mowat Construction Company, was selected. A contract for $43,000 was awarded on January 29, 2009. Work is scheduled to begin March 20, 2009.

Metro had only $100,000 budgeted for this project (CIP Project #76988), so the scope of work was limited to the most critical items needed for repairing the bridge. The bids received were for $43,000, $98,854, and $159,000.

Metro requested, and received, proposals from Mowat Construction for additional repairs which had been deferred because of the limited budget due to Mowat's surprisingly low bid for the contract work. The additional work is as follows:

a. Seal the bridge deck with an epoxy coating to prevent moisture from infiltrating through the concrete and damaging the resteel and timber below. The proposed cost is $25,094.40.

b. Replace missing pipe insulation on the 350-foot long, 6-inch diameter sewer line that is attached to the bridge; wrap the entire length with a weather-proof coating. The proposed cost is $9,771.82.

The total proposed contract cost would be:

Original contract	$43,000.00
Amendment 1	34,806.22
Total	$77,806.22

The increase will raise the cost above $50,000, which makes the Contract subject to BOLI wages and reporting. (Mowat Construction is a Union contractor and already pays BOLI wages.) The Project Manager assures Metro that there will be no additional cost due to BOLI wages or reporting.

The additional work is required, and would have to be done in the near future. The contractor is on site now, and can complete the work at reasonable cost and under the amount budgeted by Metro for the project.

Metro Code 2.04.058, Public Contract Amendments, required Metro Council approval of contract amendments that exceed $25,000. The Metro Procurement Officer has deemed this amendment to be appropriate and reasonably related to the original scope of work, and believes the amendment is in Metro's best interest to approve.

ANALYSIS/INFORMATION

Known Opposition
No known opposition.

Legal Antecedents
Metro Code 2.08.058, ORS Chapter 279C.

Anticipated Effects
Work will take an additional four to five days, weather permitting (no rain). Metro Parks & Environmental Services staff will continue to monitor construction.

Budget Impacts:
Project # 76988 was approved at $100,000. The entire project will require only $77,8066.22 if the additional work is approved.

RECOMMENDED ACTION
Metro Council, acting as the Public Contract Review Board, approves the attached Contract Amendment with Mowat Construction Company.

PH:gbc
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CHANGE ORDER SUMMARY

CONTRACTOR: Mowat Construction Co.

PROJECT: Repairs to the St. Johns Landfill Bridge

PURPOSE: Increase Contract Amount for Additional Services

DEPARTMENT: P&ES / SUS

CONTRACT NO: **929052**

BUDGET NO.: 5261-539-34400-36710-xxxx-76988-2009

THIS REQUEST IS FOR APPROVAL OF CHANGE NUMBER: 1

1. The original contract sum was	$43,000.00
2. Net change by previously authorized change order	$0.00
3. The contract sum prior to this request was	$43,000.00
4. Total amount of this change order request	$34,806.22
5. The new contract sum, including this change order	$77,806.22
6. The total contract sum paid	

7. Contract start date: 2/2/2009 Expire date: 6/30/2009

8. Change Order start date: 3/17/2009 Revised expire date: 6/30/2009

REVIEW AND APPROVAL:

Manager, PES/SUS	Date	Fiscal Review	Date
Director, PES/SUS	Date	Dept Contract Consultant	Date
Procurement Officer	Date	Legal Review	Date

METRO

600 NE Grand Ave.
Portland, OR 97232-2736
(503) 797-1700

Amendment

AMENDMENT NO. 1

CONTRACT NO. 929052

This Amendment hereby amends the above titled contract between Metro, a metropolitan service district organized under the law of the State of Oregon and the Metro Charter, and Mowat Construction Company, hereinafter referred to as "Contractor."

This amendment is a change order to the original Scope of Work as follows:

1.	Seal the deck of the St. Johns Landfill bridge with an epoxy coating	$25,094.40
2.	Repair insulation on the sewer line that crosses the bridge, and wrap with weatherproofing tape	$ 9,711.82
	Total	$34,806.22

Metro agrees to pay the Contractor an additional amount not to exceed THIRTY-FOUR THOUSAND, EIGHT HUNDRED SIX AND 22/100THS DOLLARS ($34,806.22) upon successful completion of the work. This change increases the maximum contract amount to SEVENTY-SEVEN THOUSAND, EIGHT HUNDRED SIX AND 22/100THS DOLLARS ($77,806.22).

Pursuant to ORS 279C, this project is now covered by Prevailing Wage Rates (PWR) as established by the Oregon Bureau of Labor and Industries. This shall include the payment of PWR to all subject workers effective from contract start date, submission of certified payroll by Contractor, and notification and payment by Metro of contract award.

Except for the above, all other conditions and covenants remain in full force and effect.

IN WITNESS TO THE ABOVE, the following duly authorized representatives of the parties referenced have executed this Amendment.

Mowat Construction Company	Metro
_____	_____
Signature Date	Signature Date
_____	_____
Name	Name
_____	_____
Title	Title

PH:gbc
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RFP #1

MOWAT CONSTRUCTION COMPANY

March 04, 2009

Metro
600 NE Grand Ave.
Portland, OR 97232

Attention: Pete Hillmann

Re: St. Johns Landfill Bridge

Subject: Epoxy Deck Seal

Gentlemen:
As requested we are submitting a price to install an epoxy deck seal to the St. Johns Landfill Bridge. This additional work will be in conjunction with the manufactures product data sheet that we have attached.

The added work will include preparing the existing deck surface by mechanical abrasion with a walk behind, self contained, steel shotblast machine. We will then seal the deck with Dural 50LM, ultra low viscosity low modulus epoxy, on the following day(s). The new surface finish will consist of anti-skid, dry sand that will be spread over the deck.

All additional work related to the epoxy deck seal amounts to $25,094.40. This work is weather dependant and it will require a minimum of three dry days with no rain to complete.

If you have any question related to the work described above please call me at (503)650-5389 and we can discuss further.

Sincerely,

Mowat Construction Company

David Finnigan
Project Manager

cc: Job 520

15701 SE 135th Ave. • Clackamas, OR 97015
Phone: (503) 650-5389 • Fax: (503) 650-9601

WA Lic #MOWATCC942BC • OR Lic #167954 • AK Lic #28319 • ID Lic #14164

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An equal opportunity employer

DURAL 50 LM

Ultra Low Viscosity Low Modulus Epoxy

Description

DURAL 50 LM is a 100% solids, two component acrylated epoxy resin formulation designed to penetrate concrete and seal it from the ingress of chlorides and water. DURAL 50 LM heals and seals hairline cracks through its penetration.

Primary Applications

- Bridge decks
- Parking decks
- Consolidation of porous and dusting surfaces
- Reduces water absorption
- Reduces chloride penetration
- Pressure injection
- Gravity feed hairline cracks

Features/Benefits

- High strength
- Penetrates cracks by gravity.
- Deep penetrating
- Strengthens concrete surfaces
- Heals and seals concrete
- Contractor friendly
- Easy mixing
- Does not contain styrene or peroxides
- Not flammable
- Moisture tolerant

Technical Information

Material Properties @ 75°F (24°C) and 50% RH

Mixing Ratio (A:B) by volume	2:1
Mixed Viscosity, cps	80 to 120
Gel Time (200 gms), mins.	35
Tack Free, hours	3 to 5
Tensile Strength, ASTM D 638, psi (MPa)	527 (3.6)
Tensile Elongation,	65 %

Values presented are typical laboratory data

Packaging

DURAL 50 LM is packaged in a 4 gal (15.5 L)case, 20 gal (75.7 L) and 200 gal (757 L) units.

Shelf Life

2 years in original, unopened package.

Coverage

Slab Sealing: 100 to 200 ft²/gal (2.45 to 4.91 m²/L) for the first coat (typical concrete surface). 150 to 300 ft²/gal (3.68 to 7.36 m²/L) for a second coat in cases of extensive cracking or high porosity. **Crack Grouting:** Coverage will be determined by depth and length of cracks.

Note: Coverage rates are approximate and for estimating purposes only. Surface temperature, texture and porosity will determine actual material requirements.

Directions for Use

Surface Preparation: Concrete must be structurally sound, clean, dry and free of laitance, dust, dirt, oil, coatings, form release agents and other contaminants. The preferred method of surface preparation is mechanical abrasion. Remove defective concrete, honeycombs, cavities, joint crack voids and other defects by routing to sound material. Rebuild areas with suitable patching materials. Smooth, pre-cast and formed concrete surfaces must be cleaned, roughened and made absorptive by mechanical abrasion. Surface profile should be equal to CSP 1-2 in accordance with ICRI Guideline 03732 at a minimum. Blow debris and residue out of cracks and from the surface with a moisture-free and oil-free air jet. Mask expansion joint sealants to prevent adhesion of DURAL 50 LM to the joint surface. Surfaces and cracks must be completely dry before DURAL 50 LM application to obtain penetration. For further information contact your local Euclid Chemical representative.

The Euclid Chemical Company
19218 Redwood Rd. • Cleveland, OH 44110
Phone: [216] 531-9222 • Toll-free: [800] 321-7628 • Fax: [216] 531-9596
www.euclidchemical.com

An RPM Company

DURAL 50 LM Ultra Low Viscosity Acrylated Epoxy

Mixing: Premix Part A and Part B. Combine 1 part by volume of Part A with 1 part by volume of Part B. Mix thoroughly with a slow speed motor and mixing blade. A ½" (13 mm) drill and "Jiffy" mixer is acceptable. Do not aerate mixture.

Application: Sealing concrete slabs: Pour or pump mixed DURAL 50 LM onto the prepared surface in a wave pattern and spread with a short nap roller or squeegee to fill voids, cracks and porous areas. A second application may be required on highly porous or severely cracked concrete. If required, the second coat should be applied within 24 hours. Broadcast silica sand into the surface to provide an anti-skid surface or where subsequent toppings or coatings will be applied. Apply the silica sand, 0.2 to 0.8 lbs/yd² (0.10 to 0.43 kg/m²), depending on the desired surface, not earlier than 2 hours at 75°F (24°C) after application of DURAL 50 LM, but before the DURAL 50 LM becomes tack free. Ensure that subsequent coatings or toppings are applied within the recoat window of DURAL 50 LM (a 24 hour recoat window at 75°F (24°C). **Grouting cracks: Gravity feed**: Pour neat mixed DURAL 50 LM into cracks until completely filled. **Pressure injection**: Set appropriate injection ports depending on the system used. Seal around port and surface crack using Duralcrete Gel or Dural Fast Set Epoxy Gel. Inject neat resin using automated or manual injection equipment. Maintain slow steady pressure until the crack is filled with the injection resin.

CLEAN-UP

Clean tools and equipment immediately following use with acetone or methyl ethyl ketone. Clean drips and over spray while still wet with the same solvent. Cured DURAL 50 LM will require mechanical abrasion for removal.

PRECAUTIONS/LIMITATIONS

- Store at tempatures between 50°F to 90°F (10°C to 32°C).
- Protect from moisture.
- Do not store below 50°F (10°C).
- Do not mix or apply DURAL 50 LM at temperatures below 50°F (10°C) or when rain is expected within 12 hours after application.
- Multiple applications of DURAL 50 LM must be within 24 hours of the preceding application.
- DURAL 50 LM is not intended for sealing cracks under hydrostatic pressure.
- Apply only to dry concrete and to concrete which has cured for at least 28 days.
- In all cases, consult the Material Safety Data Sheet before use.

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authori in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWI AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made wi one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its prod literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustra purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.

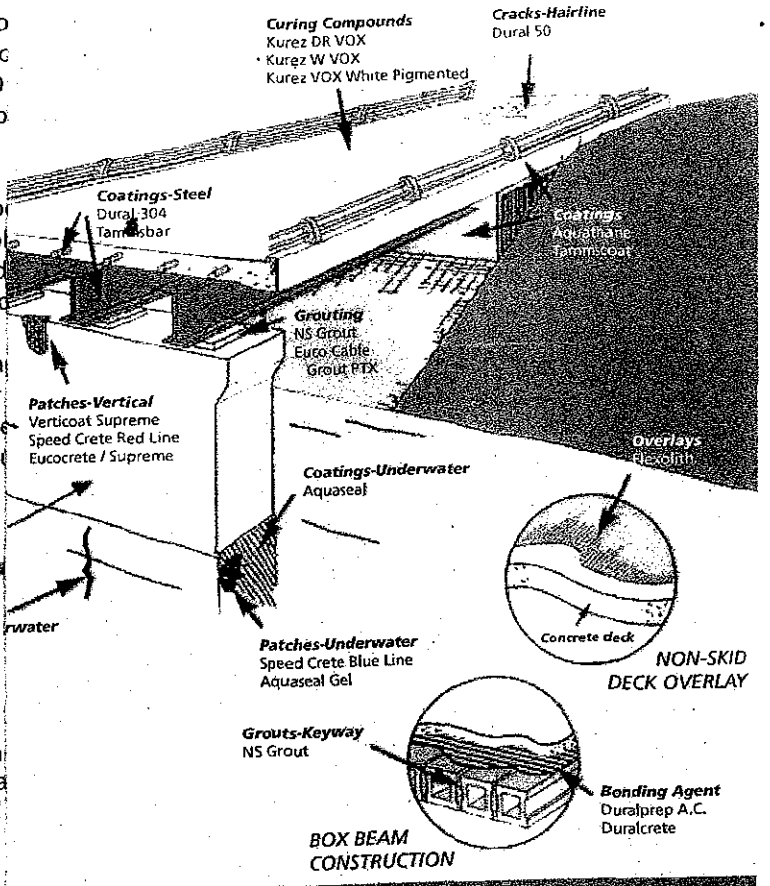
Bridges—Rehabilitating Our Critical Connections

Bridges are critical elements within our highway transpo
economic vitality, and personal mobility. There are appro
public roads in the United States, each spanning over 20
average, carry nearly 4 billion vehicles per day and comp
billion square feet.

Federal, State and Local governments recognize the imp
current, as well as our future growth and prosperity. Col
and rehabilitate our transportation systems. To that end
billion in spending through 2009 for transportation need

The Euclid Chemical Company manufactures a broad ran
rehabilition of bridge structures. Euclid products deliver
most challenging of bridge repair projects. This brochure
used to rehabilitate and extend the life of the bridge str

♣ These products can contribute to LEED credit points.



Adhesives

Duralprep A.C. ♣

Pre-proportioned, water based epoxy modified portland cement bonding agent and anti-corrosion coating with a hour open time. It is used to bond fresh concrete or repa mortars to existing concrete and as a bonding agent and anti-corrosion coating for reinforcing steel.

Duralcrete® LV & Duralcrete® Gel ♣

Two component, high modulus epoxy adhesives used in anchor dowelling applications, as well as in epoxy pressur injection applications.

Duralcrete® ♣

Two component, high modulus epoxy adhesive used primarily to bond fresh concrete to old concrete.

Dural® 100

Two component, 100% solids adhesive for use as a bondi agent for precast segmental box girders, bridge and othe segmental construction.

Dural® 50

High strength, ultra low viscosity, acrylated epoxy used to seal cracks in concrete and in pressure injection applicatio

Aquaseal® LV & Aquaseal® Gel

Two component epoxy adhesives used in underwater repa of concrete piles, grouting pile jackets, underwater pressu injection, tuckpointing of granite block and anchor bolt grouting.

Penetrating Sealers

Baracade® WB 244

Water-based, oligomeric siloxane/silane blend, formulated to protect horizontal, above grade concrete wearing surfaces.

Baracade® Silane 40

High solids, VOC compliant, solvent-based impregnation water repellent for horizontal and vertical concrete and masonry surfaces.

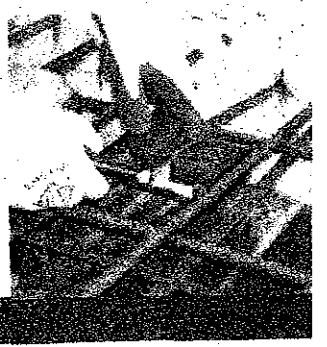
Baracade® Silane 100

100% silane formulation that exhibits lower volatility than solvent based silane materials.

Cathodic Protection

Sentinel-GL ♣

Self-generating cathodic protection system designed to mitigate the corrosion of reinforcing steel in concrete.



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Pete Hillmann

From: Pete Hillmann
Sent: Friday, March 06, 2009 3:07 PM
To: 'Tony LaMorticella'
Cc: Bob McMillan; Paul Ehinger
Subject: RE: RFP#1 Epoxy Deck Seal

Thanks Tony! I am working on it.
Pete

Pete Hillmann
Construction Coordinator
Metro
Parks & Environmental Svcs
503 797-1696
pete.hillmann@oregonmetro.gov

From: Tony LaMorticella [mailto:TAL@obec.com]
Sent: Friday, March 06, 2009 2:53 PM
To: Pete Hillmann
Subject: Re: RFP#1 Epoxy Deck Seal

Pete,

I called Langeliers Contractors. They do a lot of deck sealing work. When I said traffic control would not be needed, I was told that the cost for sealing with Dural 50, including shot blast prep, vacuuming and finishing with sand would be $1.50 - $2.50 / sq ft depending on deck condition. Given the worn condition of your deck I would guess we would be close to the $2.50 end of the range. For just the roadway surface 26' x 345' = 8970 sq ft x $2.50 = $22,425.

So I would say the price and procedure quoted by Mowat are reasonable.

I was also told that if the deck is in extremely poor condition a second coat might be advisable, and if so it would add another $.75 - $1.00 / sq ft.

Tony LaMorticella, P.E. S.E.
OBEC Consulting Engineers
920 Country Club Rd., Suite 100B
Eugene, OR 97401
541-683-6090 (phone)
541-683-6576 (fax)
tal@obec.com

>>> Pete Hillmann <Pete.Hillmann@oregonmetro.gov> 03/05/2009 1:02 PM >>>
Tony.
Is the price and procedure reasonable?

RFP#2

MOWAT CONSTRUCTION COMPANY

March 09, 2009

Metro
600 NE Grand Ave.
Portland, OR 97232

Attention: Pete Hillmann

Re: St. Johns Landfill Bridge

Subject: Insulation on Existing Sewer Pipe

Gentlemen:
As requested we are submitting a proposal to install approximately 60 linear feet of new ASJ fiberglass pipe insulation on the existing sewer pipe, and wrap the existing insulation with new ASJ Paper.

The existing pipe is located on the east overhang of the bridge and will be accessed from the sidewalk with overhang scaffolding. This proposal includes installation of new two inch thick fiberglass insulation where the existing six inch diameter pipe is now exposed, and wrapping the existing fiberglass insulation in place.

The price for all work required to install the new pipe insulation and insulation wrap, as discussed at the preconstruction meeting and per Bay Insulation Supply of Oregon's product information, is $9,711.82.

The added work will require four days to complete. This price does not include removal or disposal of existing pipe insulation.

See attached manufacture's literature from Owens Corning.

Sincerely,

Mowat Construction Company

David Finnigan
Project Manager

cc: Job 520

15701 SE 135th Ave. • Clackamas, OR 97015
Phone: (503) 650-5389 • Fax: (503) 650-9601

WA Lic #MOWATCC942BC • OR Lic #167954 • AK Lic #28319 • ID Lic #14164

Member A.G.C.
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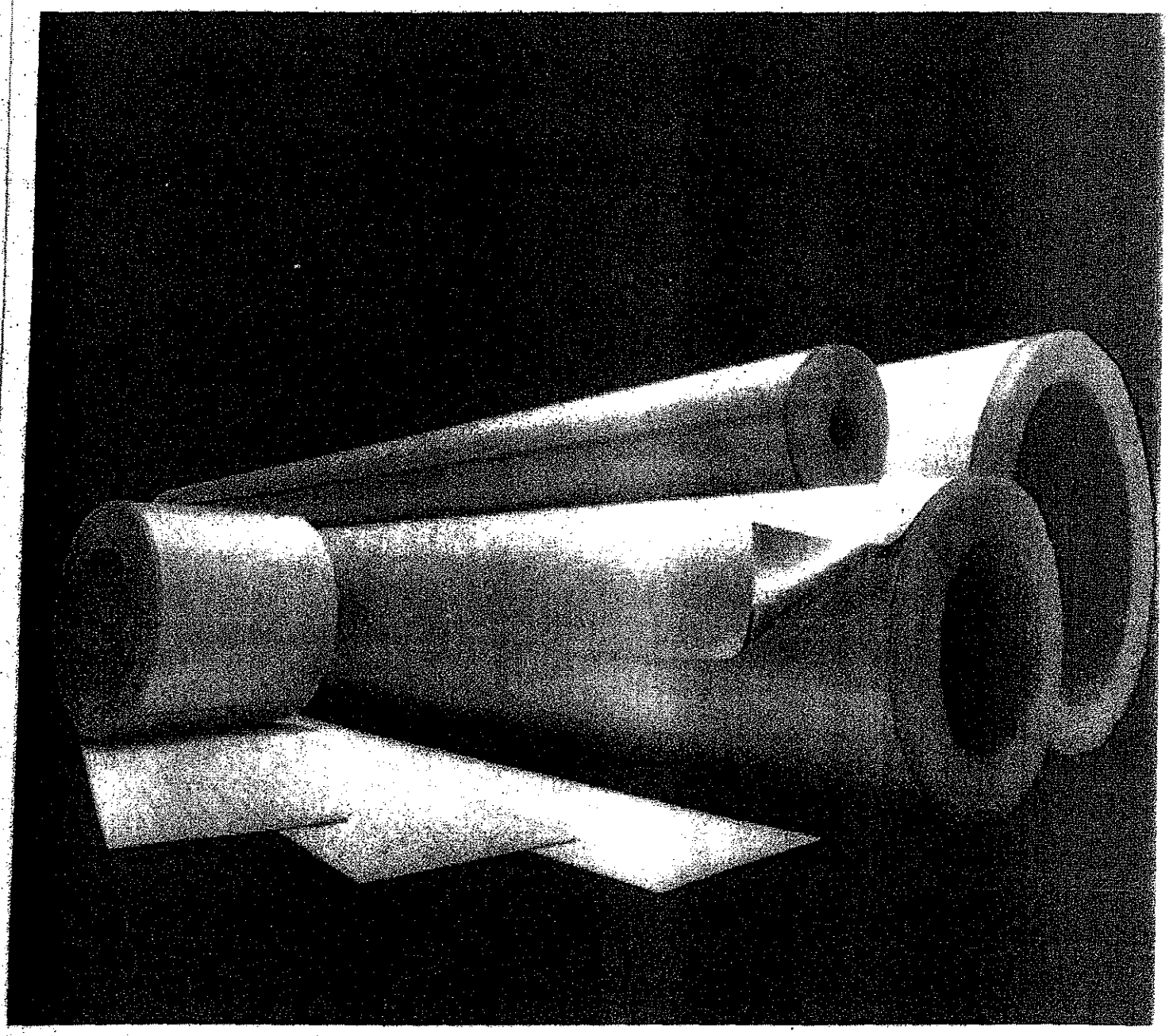
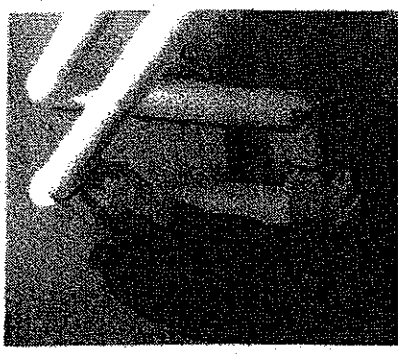
OWENS CORNING

INNOVATIONS FOR LIVING

WE'VE CHANGED THE FACE OF PIPE INSULATION

Introducing Pipe Insulation with Evolution™ **Paper-Free** ASJ





GET THE ANSWERS

Frequently asked questions about Owens Corning's new Pipe Insulation with Evolution™ **Paper-Free** ASJ

1. Q. Does Pipe Insulation with Evolution™ Paper-Free ASJ support mold growth?
   A. Evolution™ Paper-Free ASJ facing is impervious to moisture and moisture-related damage. Because the paper has been eliminated, there is no food source or moisture retention to support mold growth. In addition, periodic surface cleaning of the Paper-Free ASJ facing reduces the accumulation of external food sources for mold, such as dust, dirt, etc.

2. Q. What is the suggested method for cleaning the Evolution™ Paper-Free ASJ facing surface?
   A. A soft cloth with soap and water or non-abrasive household cleaner is recommended. Solvent-based cleaners and abrasive pads should be avoided.

3. Q. Can Evolution™ Paper-Free ASJ facing be substituted for or combined with standard ASJ?
   A. Yes. It can be used in any application where standard ASJ is normally used because it meets all of the specification requirements of standard ASJ. Refer to the data sheet for specification details. To maintain a complete paper-free system, Evolution™ Paper-Free ASJ butt strips and sealing tape must be used.

4. Q. Are there new or special tools required?
   A. No. Evolution™ Paper-Free ASJ can be installed the same way as standard ASJ, using standard installation tools and techniques.

5. Q. Where do I get butt strips that are compatible with Evolution™ Paper-Free ASJ?
   A. Pre-fabricated butt strips that are compatible with Evolution™ Paper-Free ASJ are included in each carton. Rolls of sealing tape are also available.

6. Q. What sizes are offered?
   A. All current standard ASJ sizes are available with Evolution™ Paper-Free ASJ. Please refer to the product packaging and data guide for load factors, standard products, minimum order quantity and carton sizes. Contact your Customer Service Representative for product lead time.

7. Q. What closure does Evolution™ Paper-Free ASJ use?
   A. All sizes come with the Owens Corning exclusive SSL II® Positive Closure System, which eliminates the need to staple and promotes job site productivity.

8. Q. Can Evolution™ Paper-Free ASJ be painted?
   A. Yes. Use water-based latex paints, as with standard ASJ.

9. Q. Are mastics currently used with standard ASJ also suitable for use with Evolution™ Paper-Free ASJ?
   A. Yes. To ensure a mold-resistant installation, a mold-resistant mastic should always be used.

10. Q. What are the jacket temperature limits?
    A. They are the same as for standard ASJ. See the data sheet for details.

11. Q. Where can I find additional information on Evolution™ Paper-Free ASJ?
    A. For more information, visit **www.evolutionpaperfree.com** or call **1-800-GET-PINK™**

OWENS CORNING

INNOVATIONS FOR LIVING™

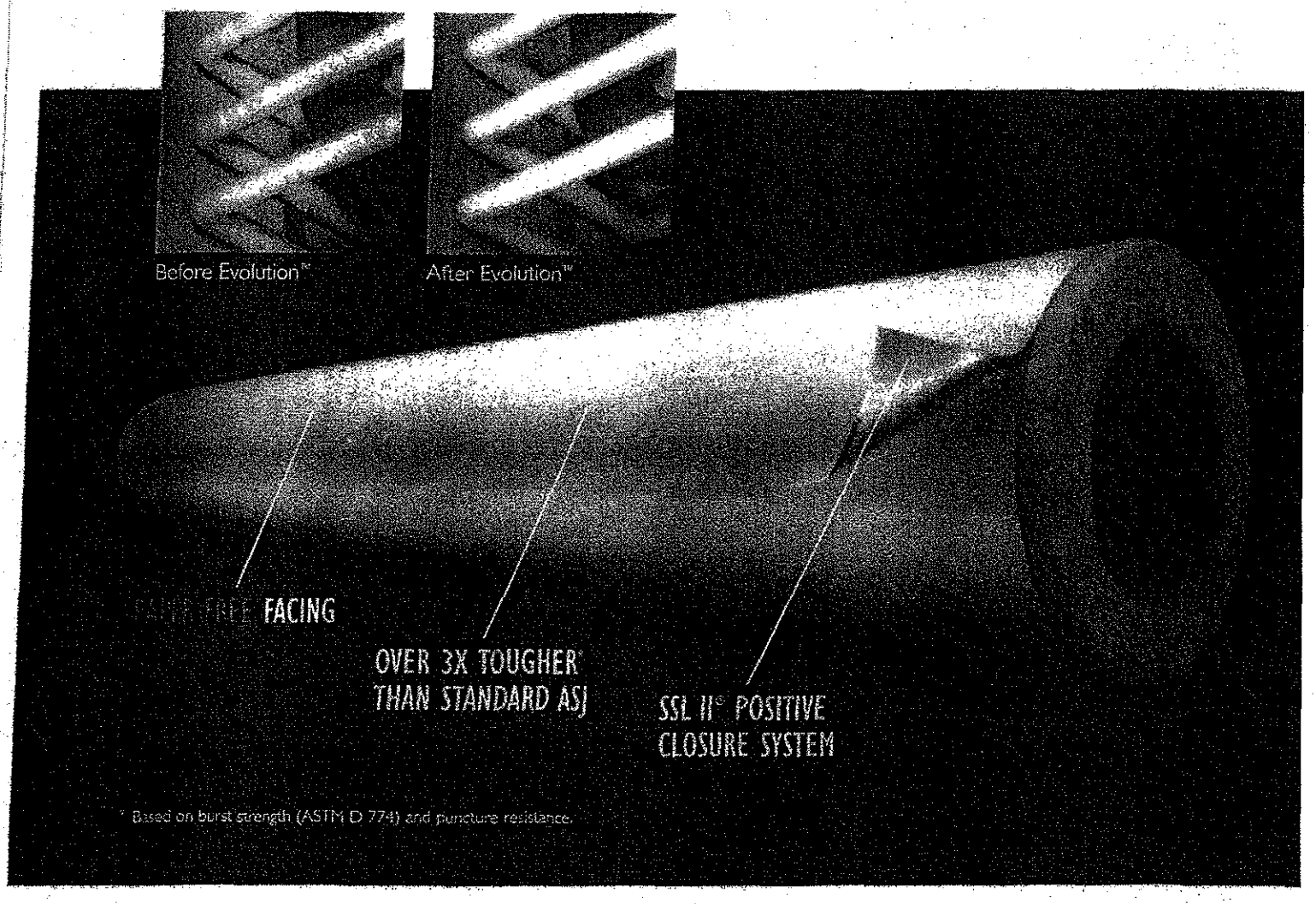
IT'S UNPRECEDENTED

Paper-Free ASJ that's impervious to moisture damage and 3x tougher*

This is an industry first—new Pipe Insulation with Evolution™ Paper-Free ASJ—and only Owens Corning has it. Yet another innovation from an industry leader with over 65 years of expertise.

Owens Corning Evolution™ Paper-Free ASJ pipe insulation provides features and protection that last:

- The paper-free property of Evolution™ does not support mold growth and is impervious to moisture, which can help improve indoor air quality
- It's more than 3x tougher* than standard ASJ, so it better resists job site abuse and maintains a superior finished appearance, which reduces callbacks
- The facing is cleanable, accepts mastic, can be painted for color coding and has an appearance that is compatible with standard ASJ
- All sizes have the SSL II® Positive Closure System, which eliminates the need to staple and promotes job site productivity



* Based on burst strength (ASTM D 774) and puncture resistance.

8/13/09
Draft

Estimate for Pipe Insulation on SJLF Bridge

1. Labor
   3 men x 4 days x 8 hrs/day x $50/hr = $4800

2. Equipment
   a. Forklift (8000#)
      Rental (1 week) 890.00
      Oplist ($21.80/hr x 24 hrs 523.20
   b. Mobile Scaffold say 1000.00
      2413.20

3. Material say 1000.00

Total $8213.20

20% O/H & Profit 1642.60

Total Estimate 9855.80

Compares favorably with Contractor's Proposal of $9711.82

TOPS. 35500